

Data Path : Z:\HPCHEM1\BNA_E\Data\BE103116\
 Data File : BE092483.D
 Acq On : 31 Oct 2016 17:15
 Operator : UM/SJ
 Sample : PB94409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94457BS

Quant Time: Nov 01 08:56:14 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 15:25:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	10004	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	43774	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	27483	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	50632	5.00	ng	-0.02
24) Chrysene-d12	21.75	240	73699	5.00	ng	0.00
31) Perylene-d12	24.11	264	64764	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.66	112	20738	11.11	ng	-0.02
5) Phenol-d6	7.34	99	27553	9.82	ng	-0.02
8) Nitrobenzene-d5	9.32	82	14410	4.63	ng	-0.05
13) 2,4,6-Tribromophenol	16.31	330	7330	9.81	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	33120	4.95	ng	-0.01
26) Terphenyl-d14	20.17	244	45011	4.94	ng	-0.02

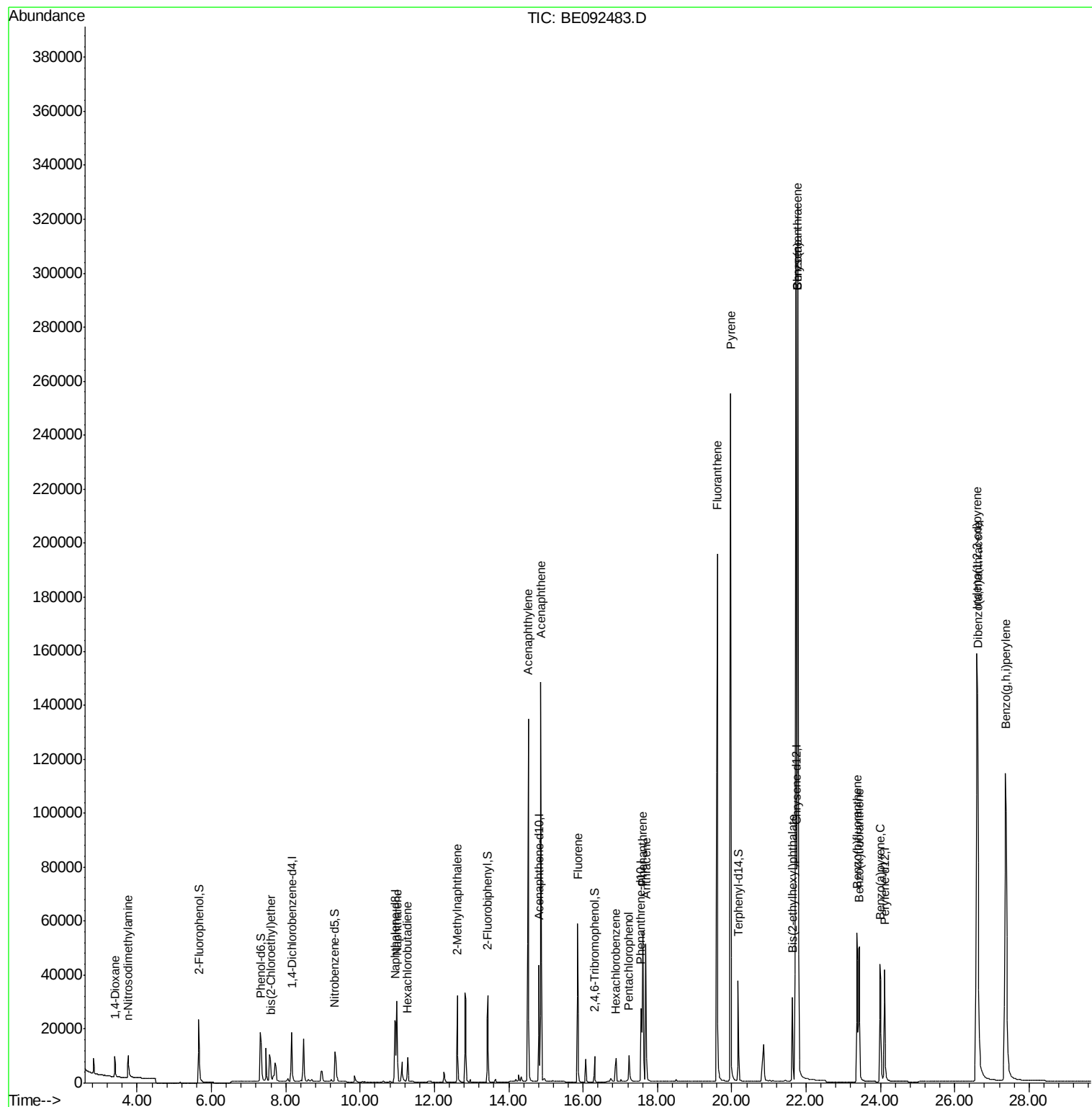
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	4470	4.17	ng	# 73
3) n-Nitrosodimethylamine	3.75	42	7806	4.65	ng	# 89
6) bis(2-Chloroethyl)ether	7.59	93	13000	4.57	ng	# 28
9) Naphthalene	10.99	128	42470	4.49	ng	# 94
10) Hexachlorobutadiene	11.28	225	6411	4.42	ng	99
11) 2-Methylnaphthalene	12.62	142	27976	4.58	ng	# 84
15) Acenaphthylene	14.53	152	184951	4.71	ng	100
16) Acenaphthene	14.87	154	27331	4.36	ng	89
17) Fluorene	15.86	166	36104	4.81	ng	98
19) Hexachlorobenzene	16.89	284	10463	4.62	ng	# 63
20) Pentachlorophenol	17.23	266	8686	13.89	ng	85
21) Phenanthrene	17.60	178	66092	5.05	ng	# 94
22) Anthracene	17.69	178	64687	5.49	ng	99
23) Fluoranthene	19.61	202	281416	5.43	ng	100
25) Pyrene	19.97	202	299968	4.67	ng	99
27) Benzo(a)anthracene	21.77	228	685145	10.05	ng	96
28) Chrysene	21.77	228	686763	9.58	ng	# 83
29) Bis(2-ethylhexyl)phthalate	21.63	149	38156	4.69	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.60	276	346065	5.48	ng	97
32) Benzo(b)fluoranthene	23.37	252	75790	4.70	ng	94
33) Benzo(k)fluoranthene	23.43	252	83858	5.24	ng	96
34) Benzo(a)pyrene	24.00	252	76330	5.23	ng	94
35) Dibenzo(a,h)anthracene	26.62	278	71780	5.26	ng	94
36) Benzo(g,h,i)perylene	27.37	276	296491	5.04	ng	98

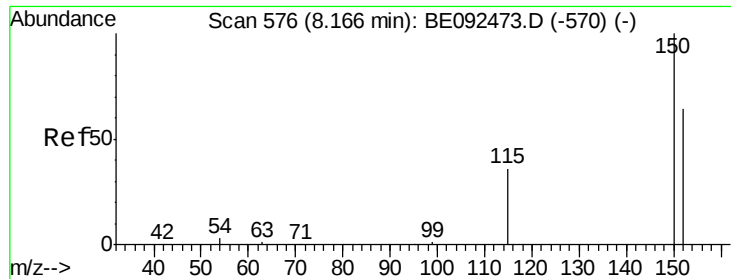
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

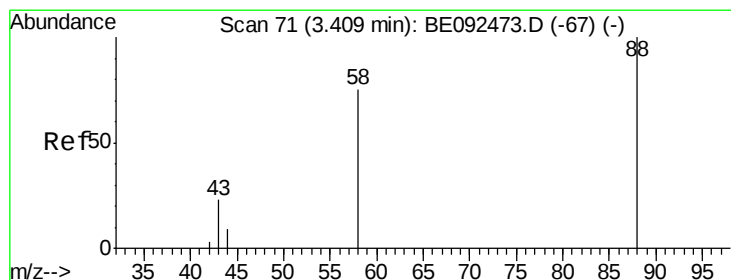
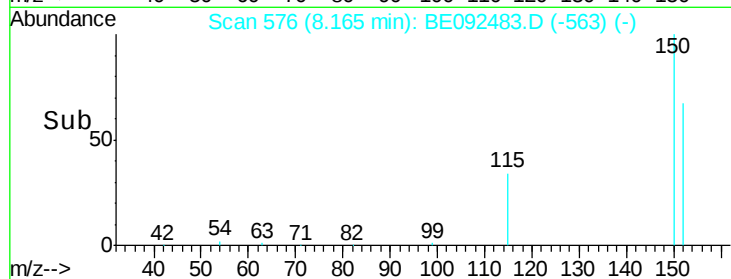
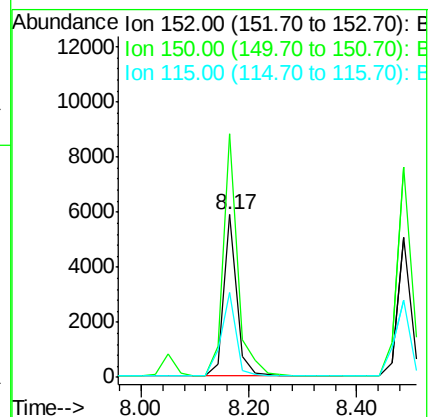
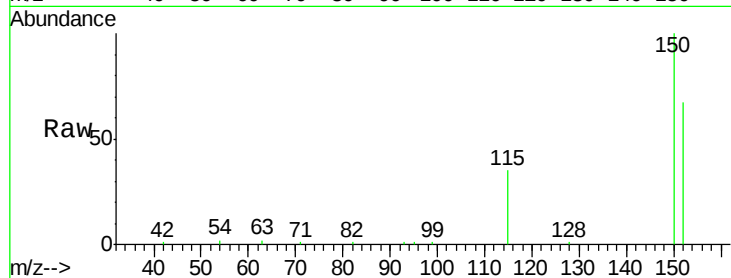
Tgt Ion:152 Resp: 10004

Ion Ratio Lower Upper

152 100

150 149.5 106.0 159.0

115 52.1 31.2 46.8#



#2

1,4-Dioxane

Concen: 4.17 ng

RT: 3.41 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

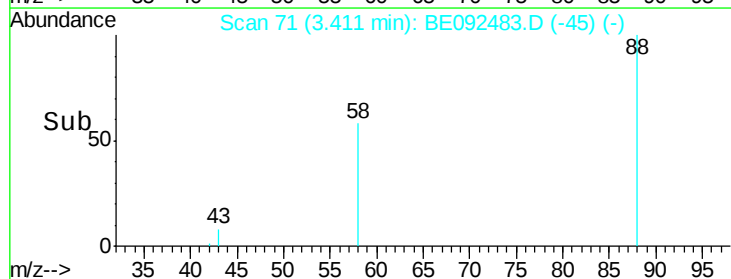
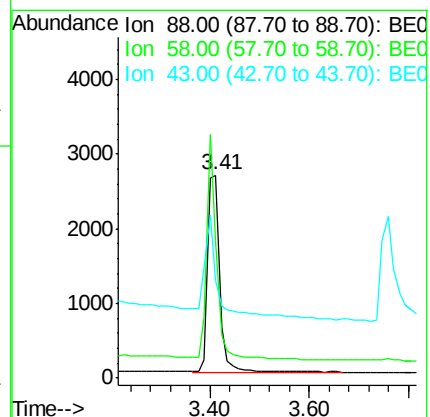
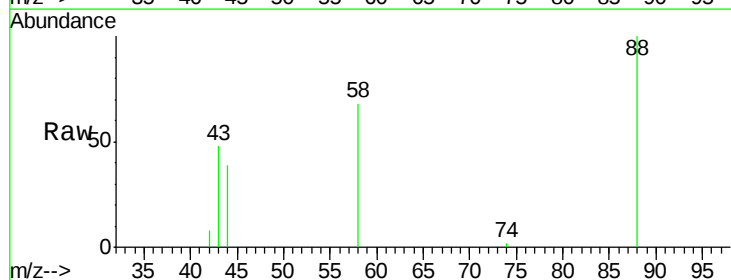
Tgt Ion: 88 Resp: 4470

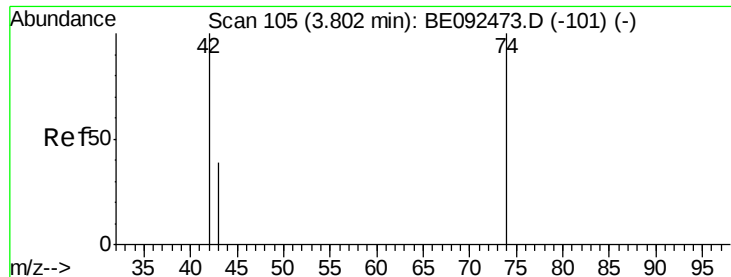
Ion Ratio Lower Upper

88 100

58 94.4 63.6 95.4

43 64.4 28.0 42.0#





#3

n-Nitrosodimethylamine

Concen: 4.65 ng

RT: 3.75 min Scan# 100

Delta R.T. -0.06 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

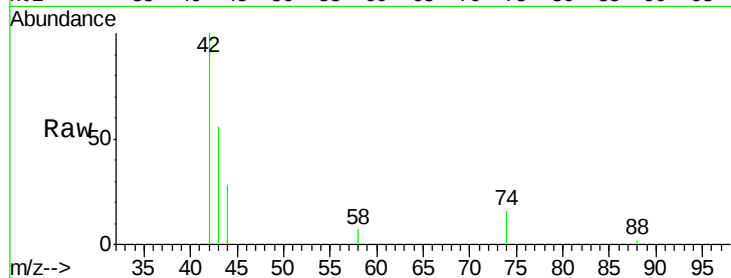
Tgt Ion: 42 Resp: 7806

Ion Ratio Lower Upper

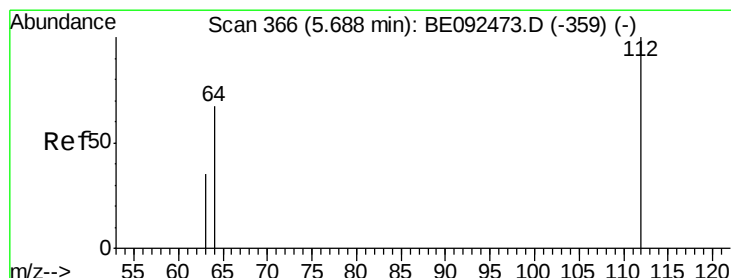
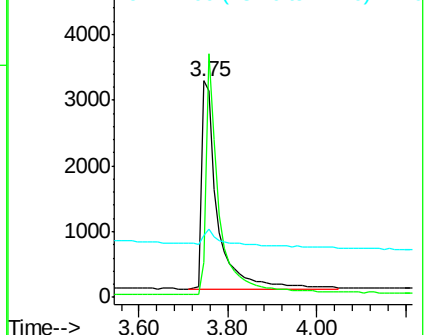
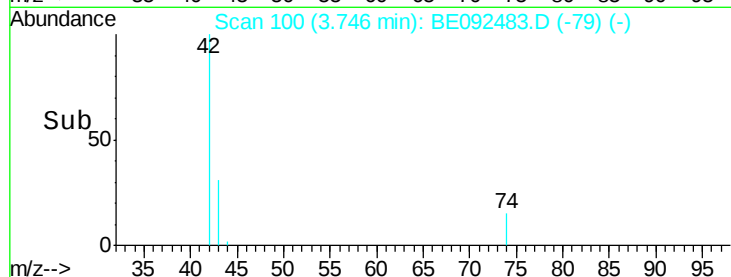
42 100

74 97.4 86.0 129.0

44 15.5 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: 11.11 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

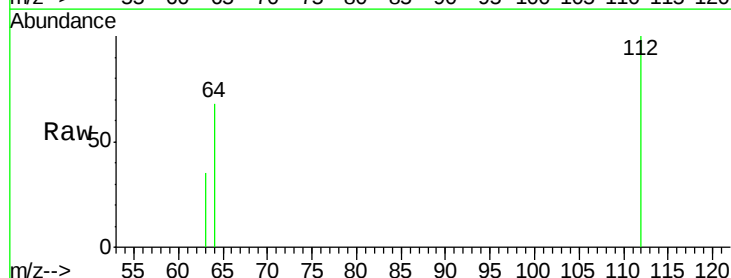
Tgt Ion: 112 Resp: 20738

Ion Ratio Lower Upper

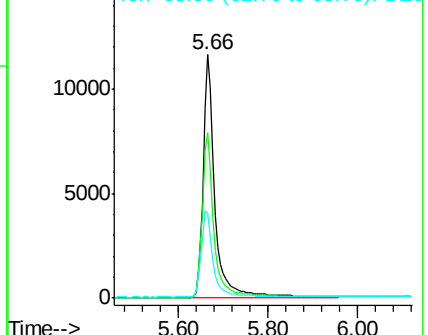
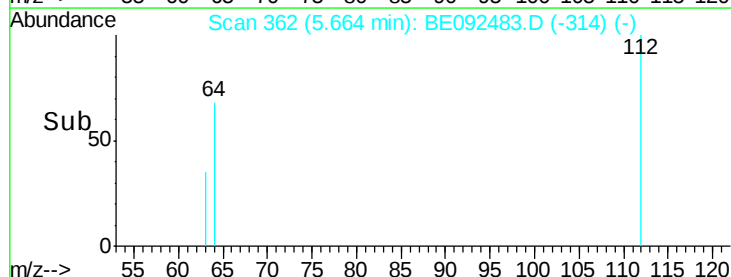
112 100

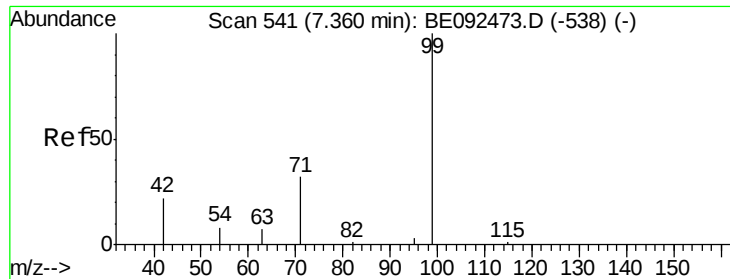
64 68.4 53.5 80.3

63 36.7 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: 9.82 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

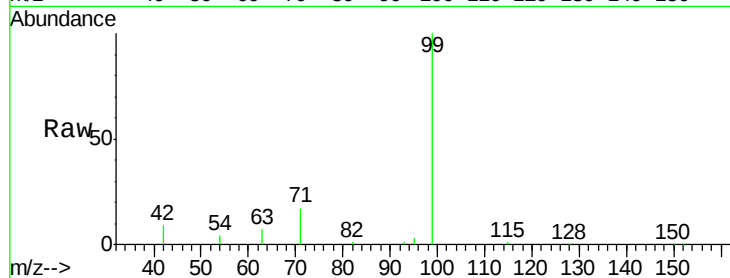
Tgt Ion: 99 Resp: 27553

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

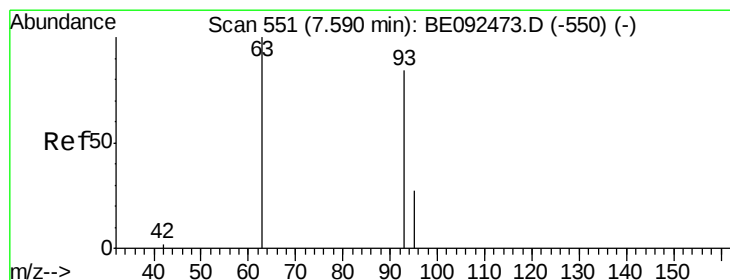
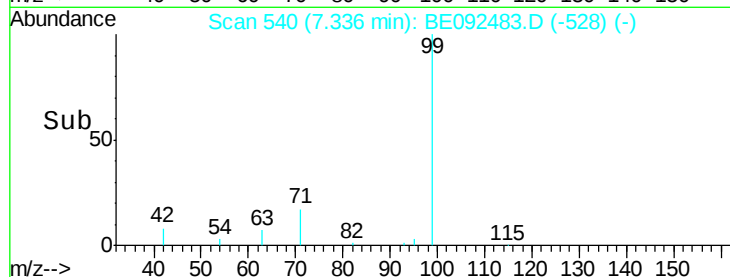
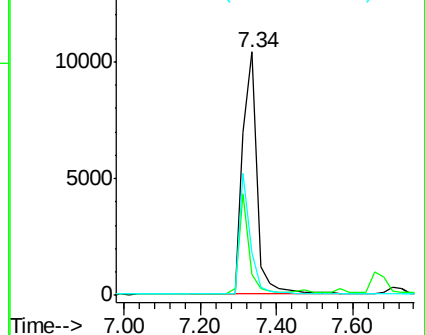
71 0.0 30.6 45.8#



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: 4.57 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

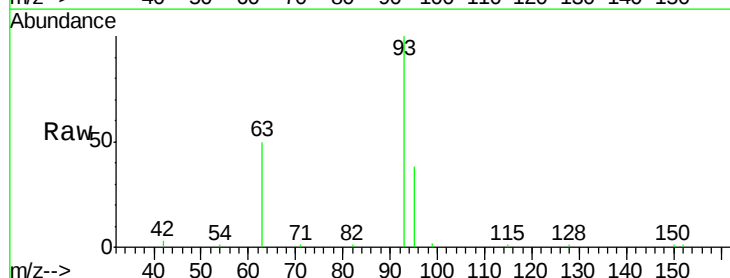
Tgt Ion: 93 Resp: 13000

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

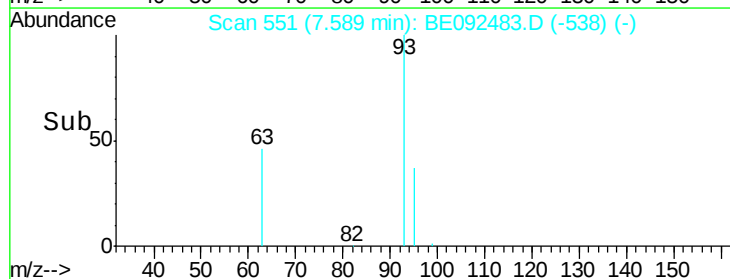
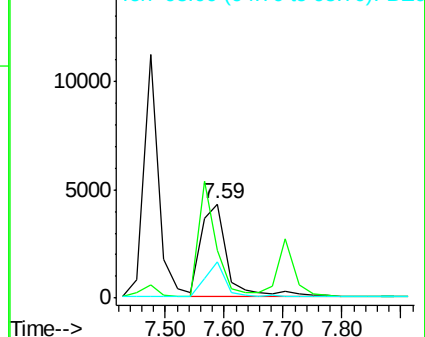
95 31.3 24.0 36.0

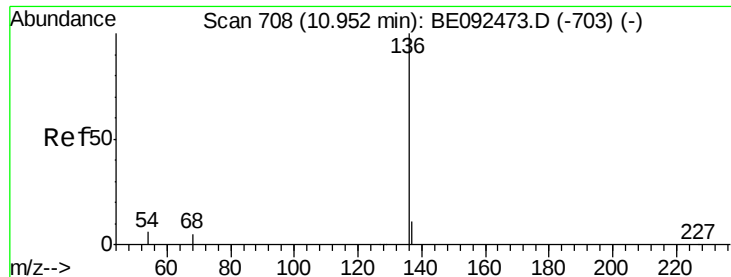


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

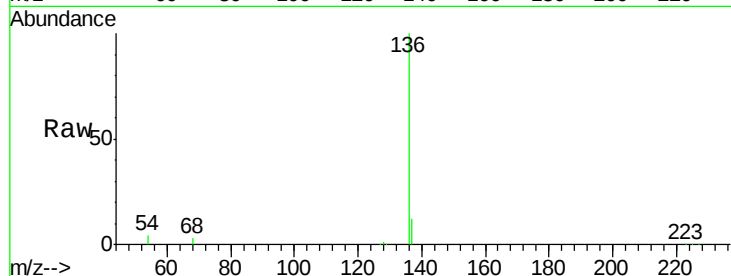
Instrument :

BNA_E

ClientSampleId :

PB94457BS

Tgt Ion:	136	Resp:	43774
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.2	12.4
54	4.3	9.6	14.4#
68	3.5	6.7	10.1#

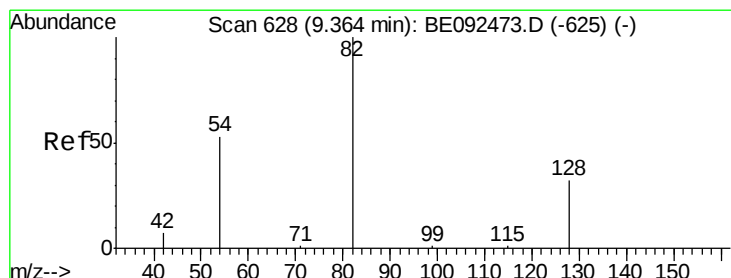
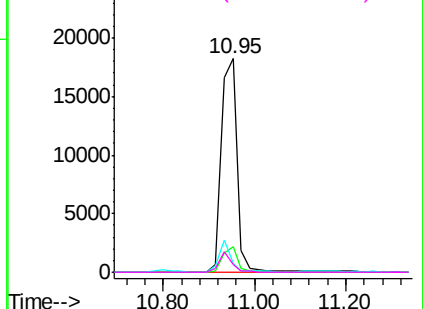
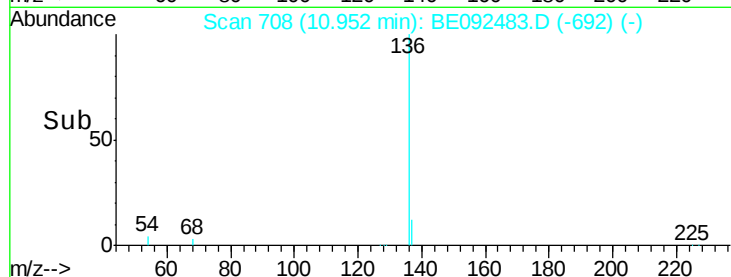


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.63 ng

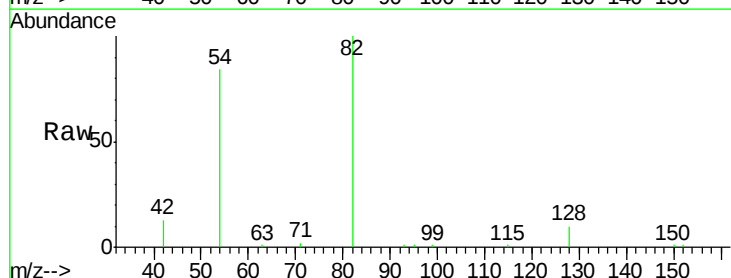
RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

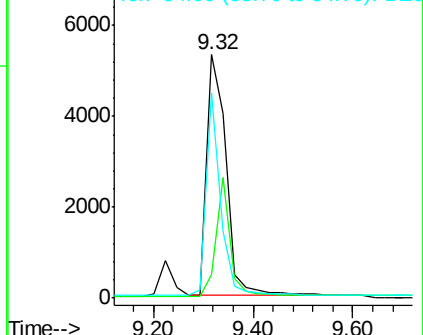
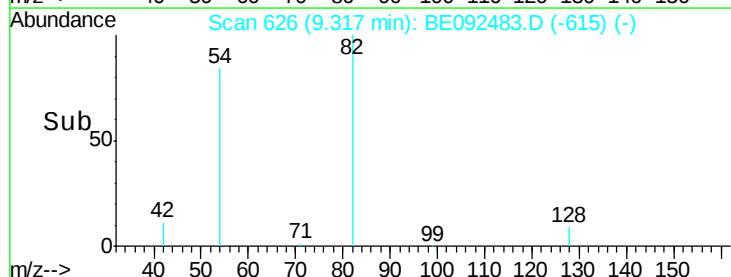
Tgt Ion:	82	Resp:	14410
Ion	Ratio	Lower	Upper
82	100		
128	9.8	39.0	58.4#
54	84.5	44.8	67.2#

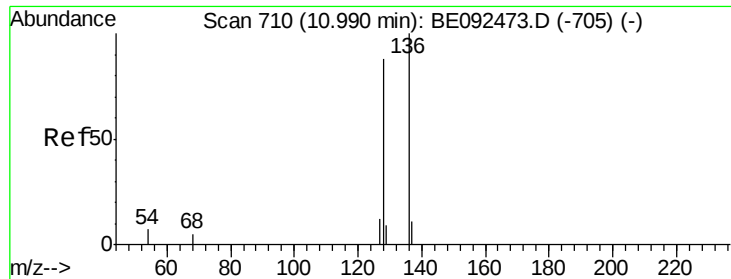


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 4.49 ng

RT: 10.99 min Scan# 710

Delta R.T. 0.00 min

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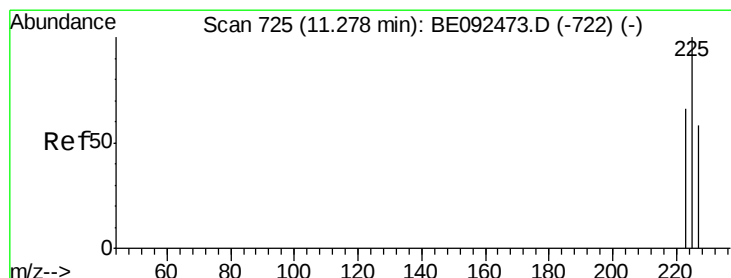
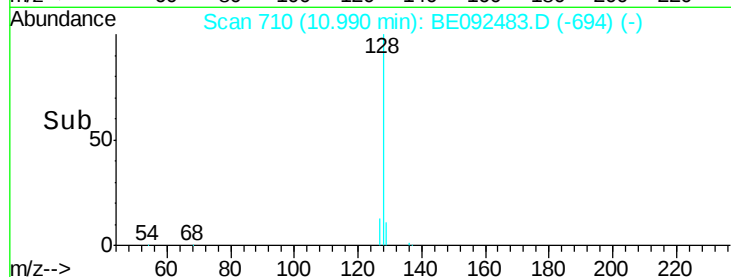
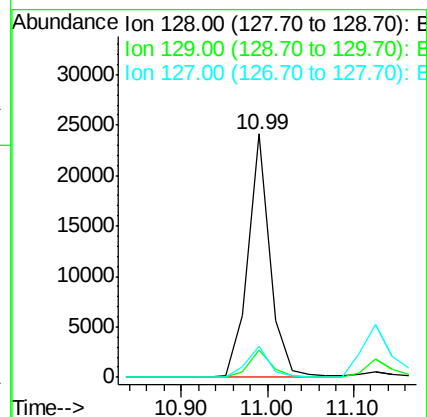
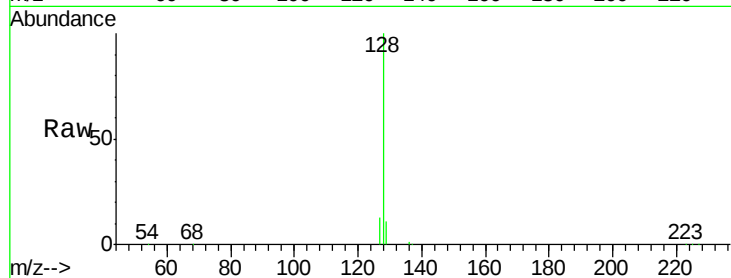
Tgt Ion:128 Resp: 42470

Ion Ratio Lower Upper

128 100

129 11.0 11.2 16.8#

127 12.8 11.6 17.4



#10

Hexachlorobutadiene

Concen: 4.42 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

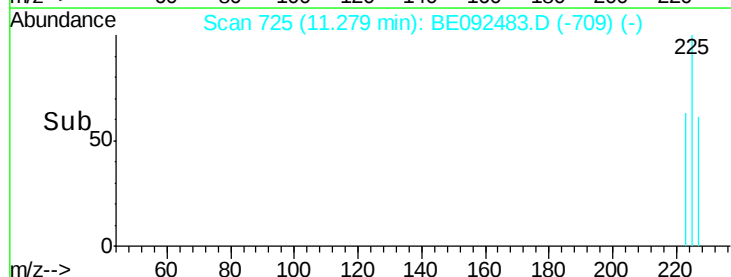
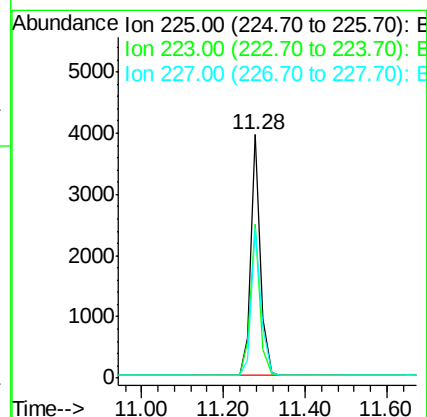
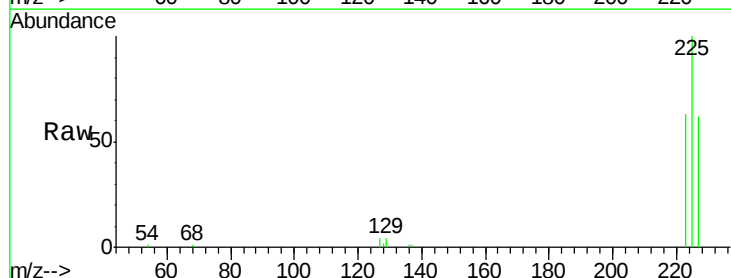
Tgt Ion:225 Resp: 6411

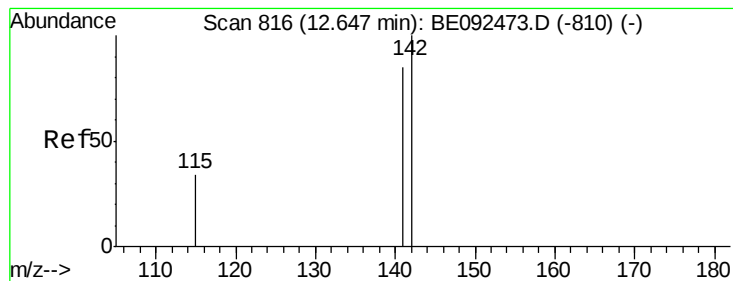
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

227 63.2 51.4 77.0





#11

2-Methylnaphthalene

Concen: 4.58 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

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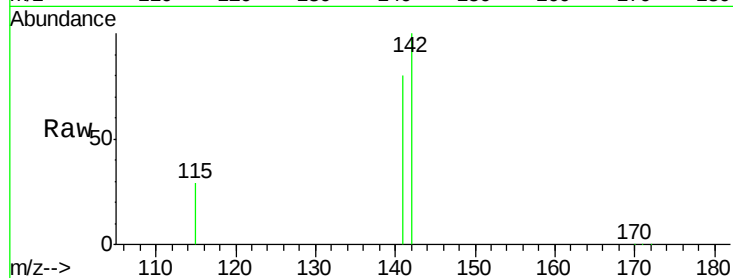
Tgt Ion:142 Resp: 27976

Ion Ratio Lower Upper

142 100

141 79.6 73.7 110.5

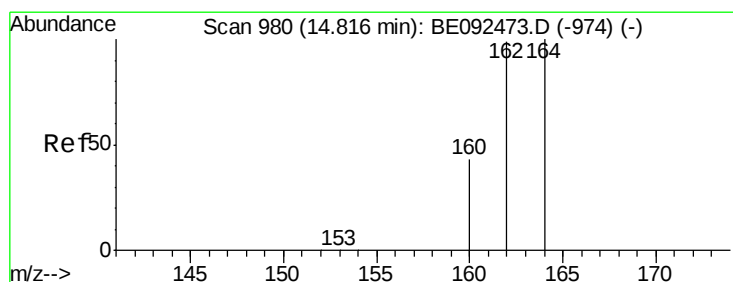
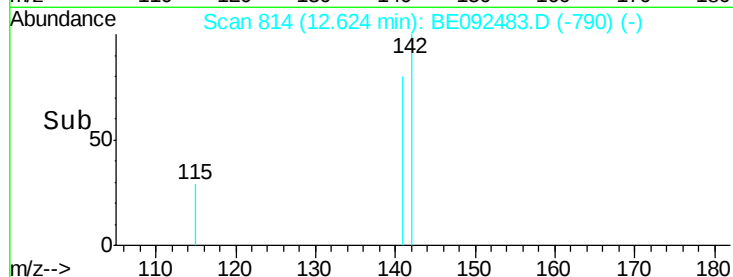
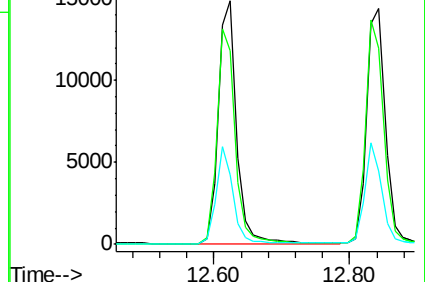
115 28.7 34.0 51.0#



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: BE092483.D

Acq: 31 Oct 2016 17:15

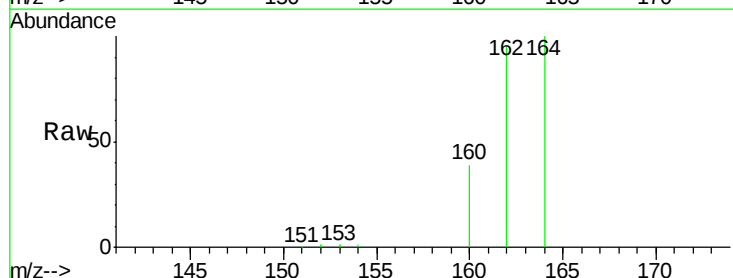
Tgt Ion:164 Resp: 27483

Ion Ratio Lower Upper

164 100

162 95.2 71.4 107.0

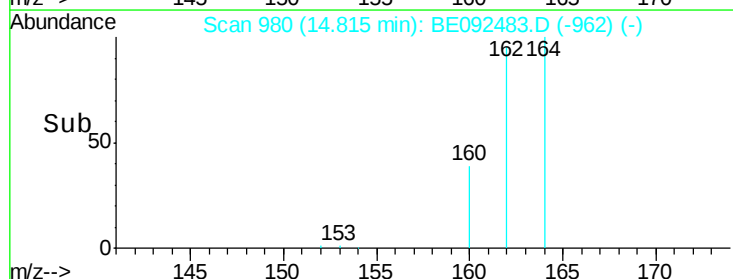
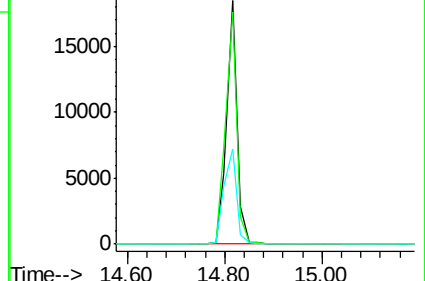
160 39.1 27.4 41.2

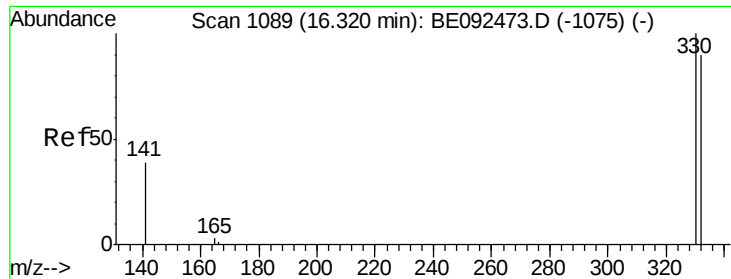


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

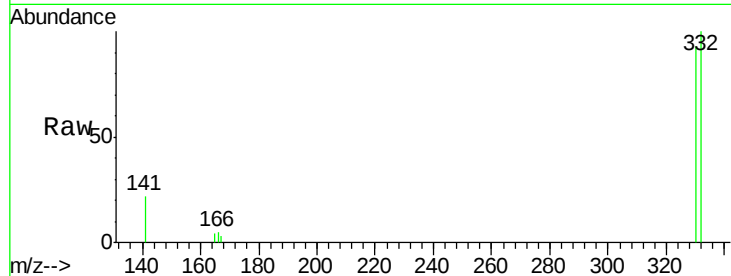




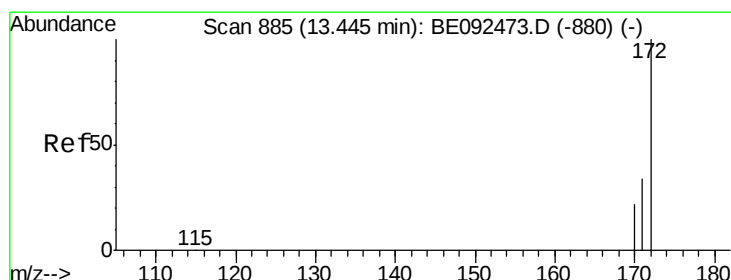
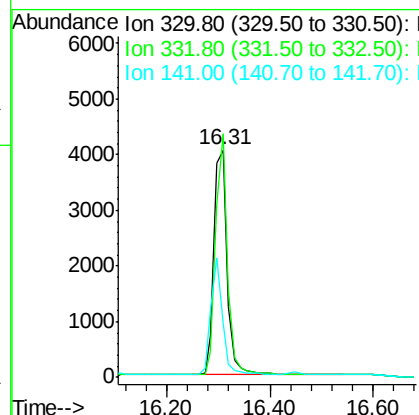
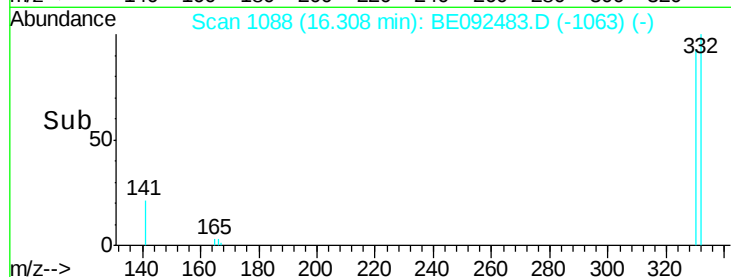
#13
 2,4,6-Tribromophenol
 Concen: 9.81 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

Instrument :
 BNA_E
 ClientSampleId :
 PB94457BS

Tgt Ion: 330 Resp: 7330
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 44.3 31.0 46.6

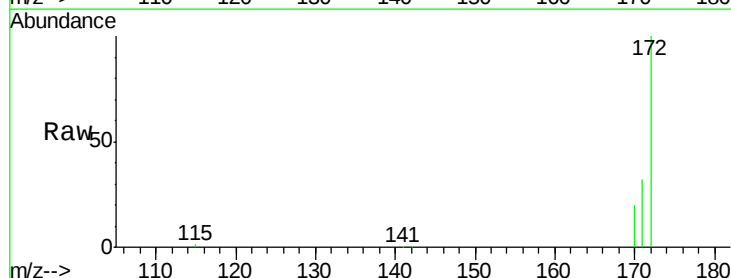


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

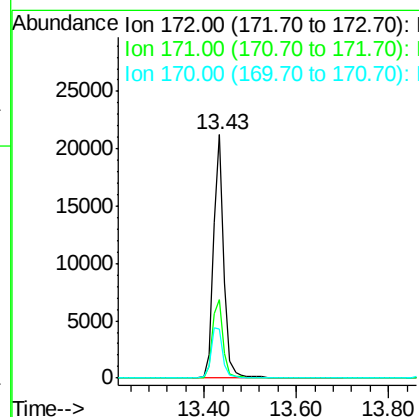
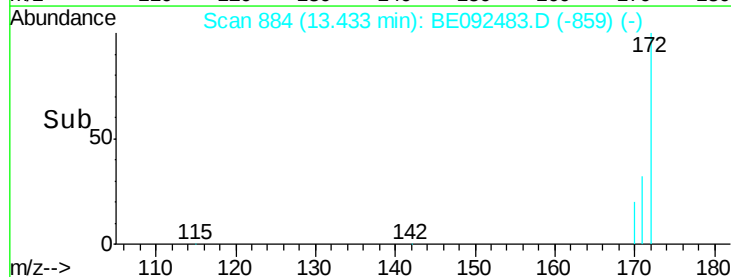


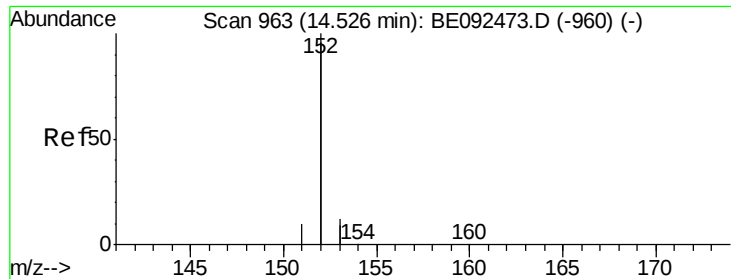
#14
 2-Fluorobiphenyl
 Concen: 4.95 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

Tgt Ion: 172 Resp: 33120
 Ion Ratio Lower Upper
 172 100
 171 32.2 30.1 45.1
 170 20.2 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: 4.71 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

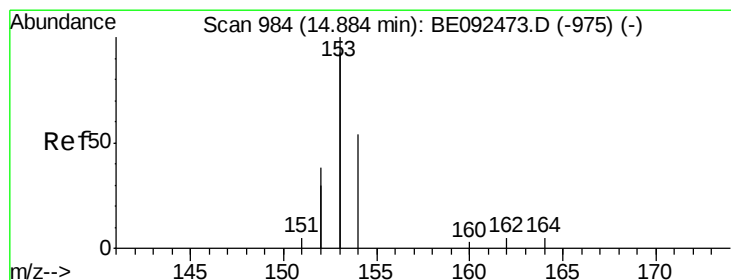
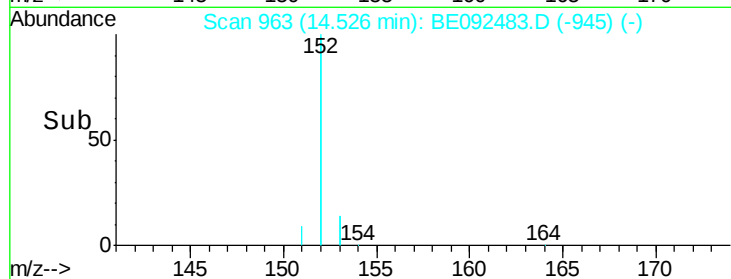
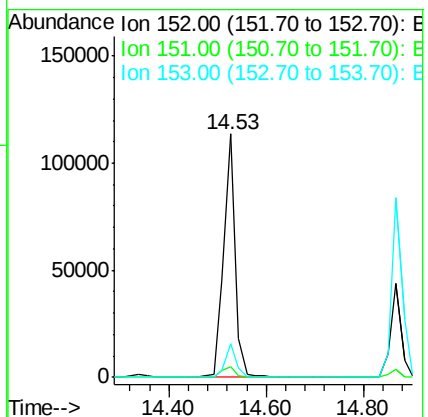
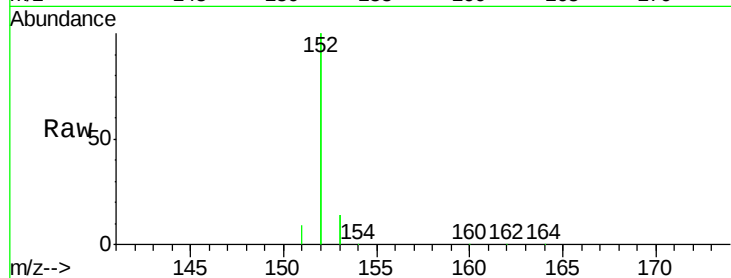
Tgt Ion:152 Resp: 184951

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



#16

Acenaphthene

Concen: 4.36 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

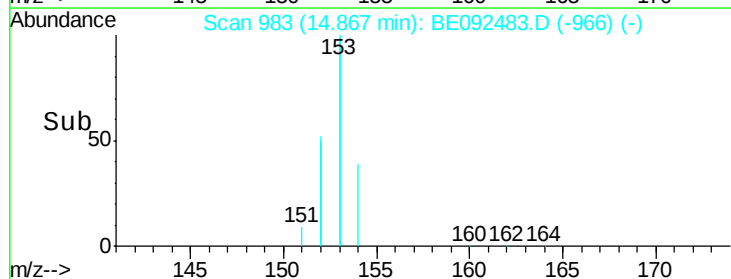
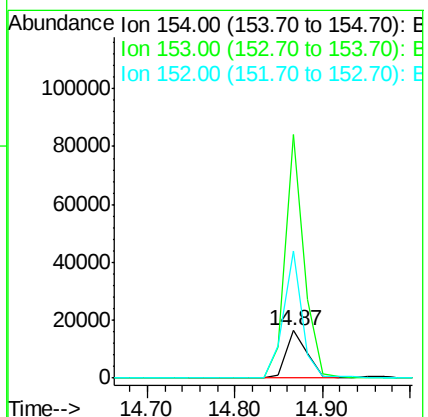
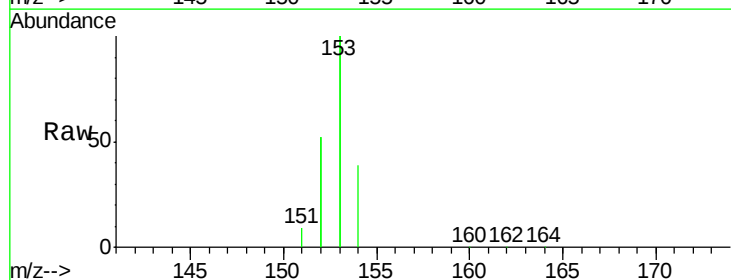
Tgt Ion:154 Resp: 27331

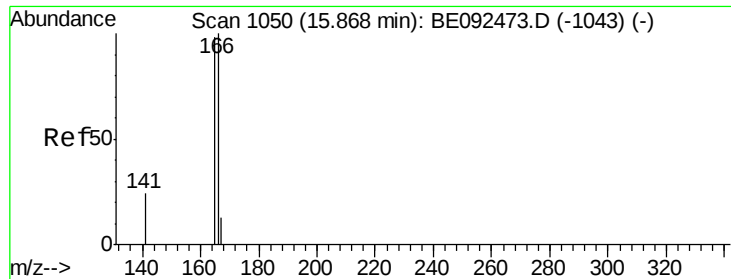
Ion Ratio Lower Upper

154 100

153 462.0 350.8 526.2

152 238.0 171.1 256.7

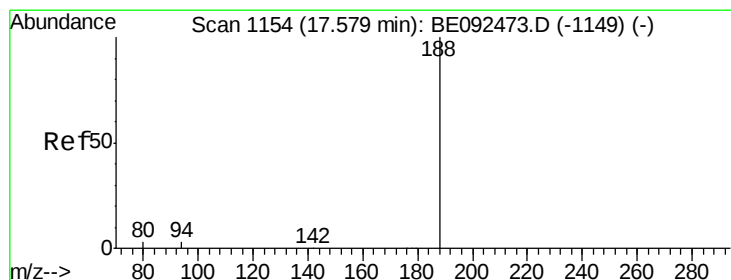
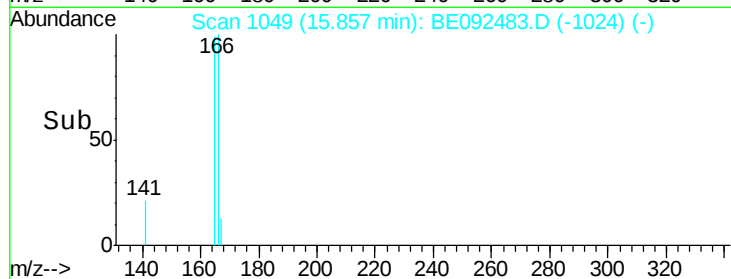
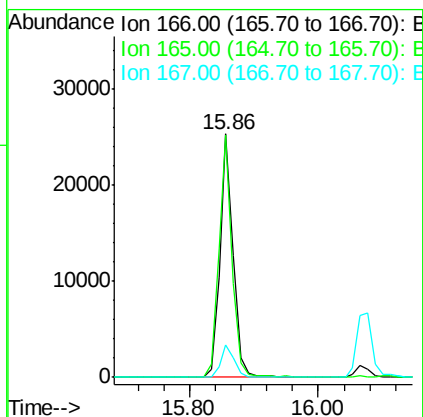
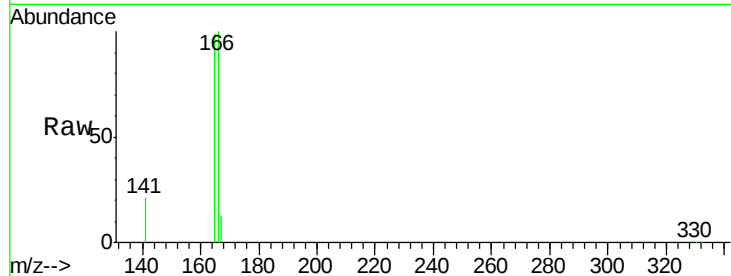




#17
Fluorene
 Concen: 4.81 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

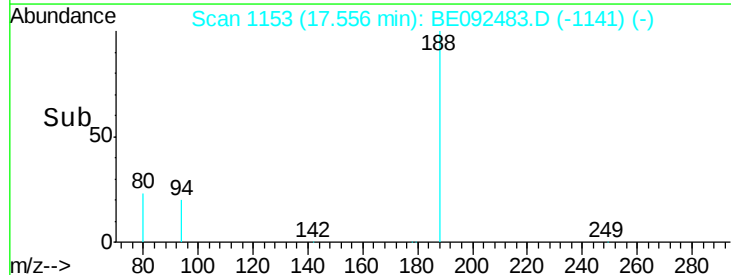
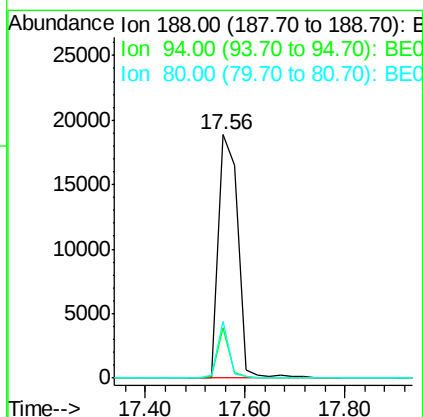
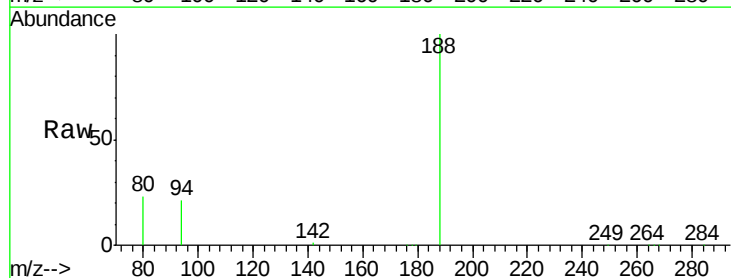
Instrument :
 BNA_E
 ClientSampleId :
 PB94457BS

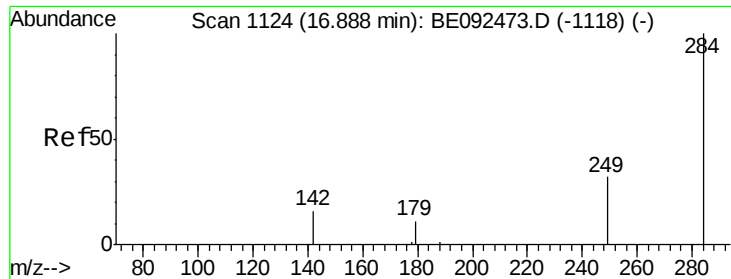
Tgt Ion:166 Resp: 36104
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.2 117.4
 167 13.4 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

Tgt Ion:188 Resp: 50632
 Ion Ratio Lower Upper
 188 100
 94 20.5 3.2 4.8#
 80 23.2 2.6 3.8#

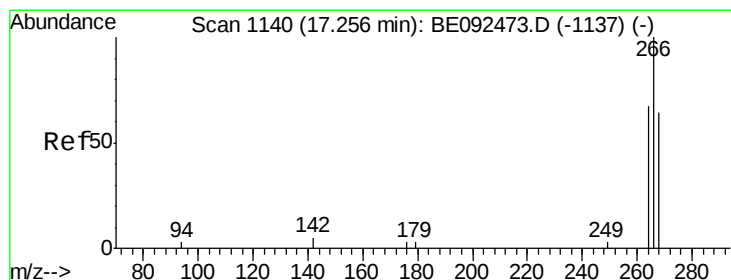
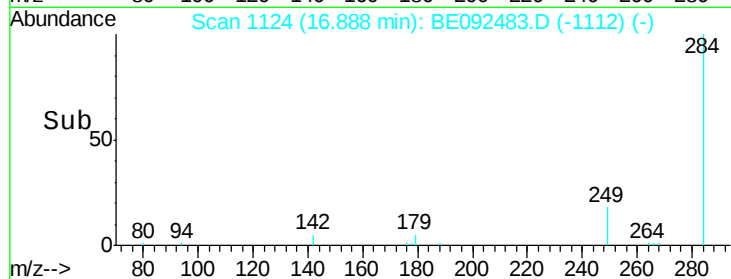
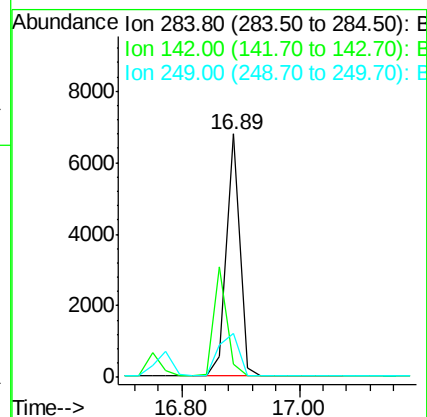
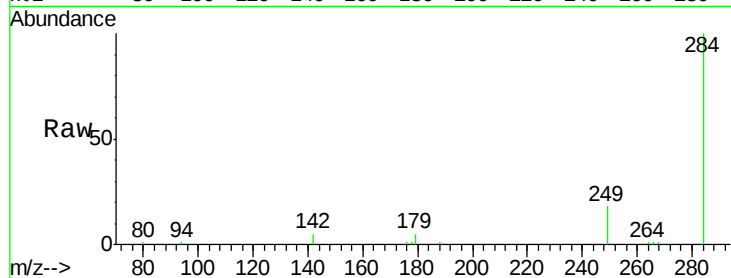




#19
Hexachlorobenzene
Concen: 4.62 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092483.D
Acq: 31 Oct 2016 17:15

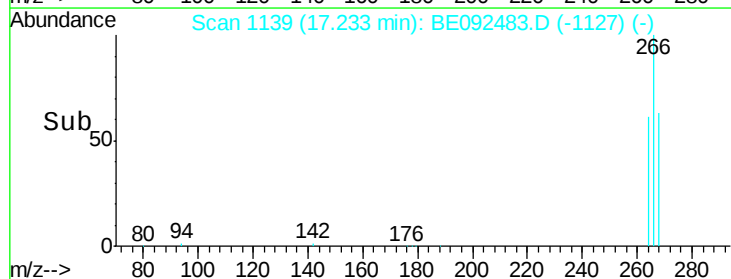
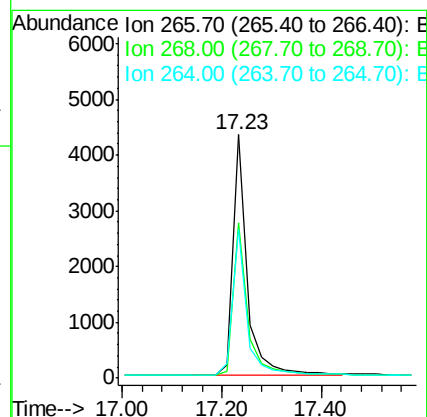
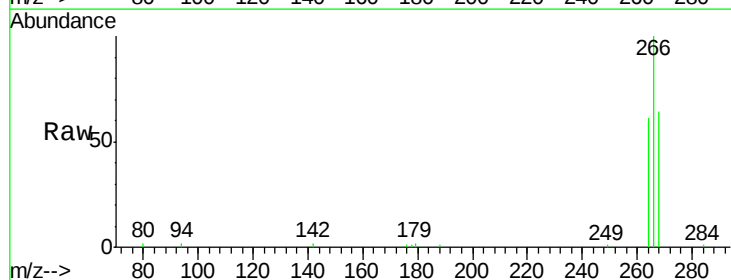
Instrument :
BNA_E
ClientSampleId :
PB94457BS

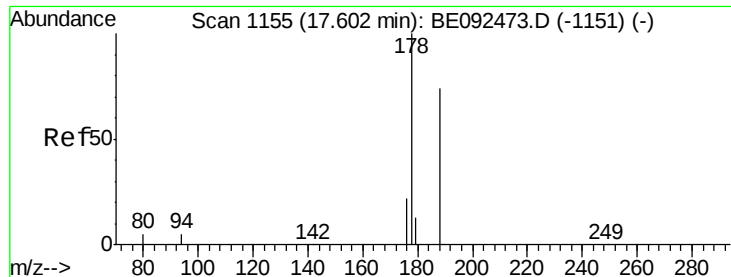
Tgt Ion: 284 Resp: 10463
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.6 27.9 41.9



#20
Pentachlorophenol
Concen: 13.89 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092483.D
Acq: 31 Oct 2016 17:15

Tgt Ion: 266 Resp: 8686
Ion Ratio Lower Upper
266 100
268 63.9 62.5 93.7
264 61.0 57.2 85.8





#21

Phenanthrene

Concen: 5.05 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

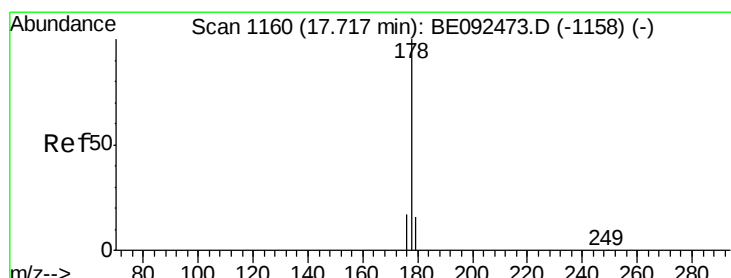
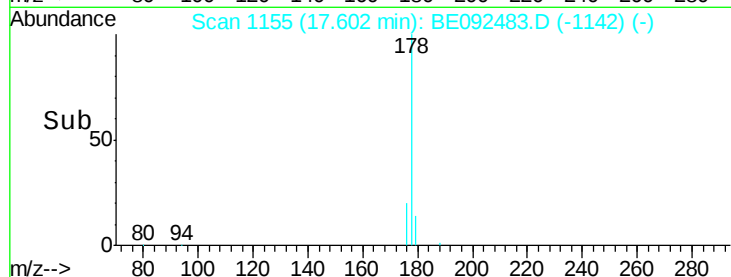
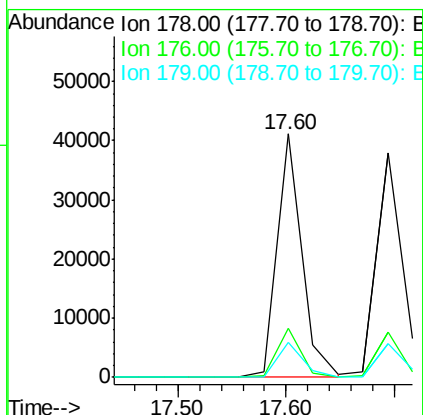
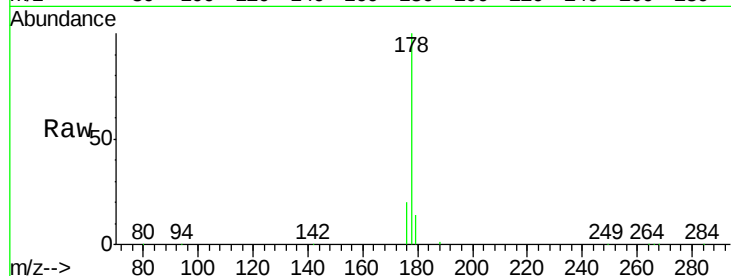
Tgt Ion:178 Resp: 66092

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.0 16.0 24.0#



#22

Anthracene

Concen: 5.49 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

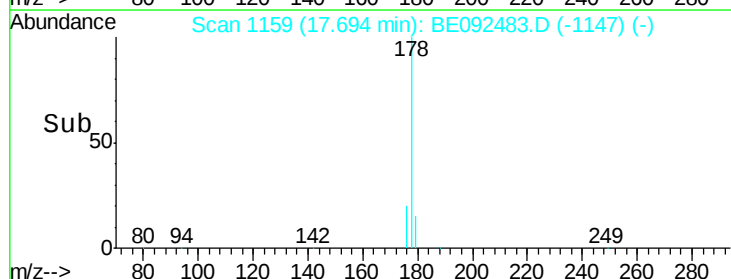
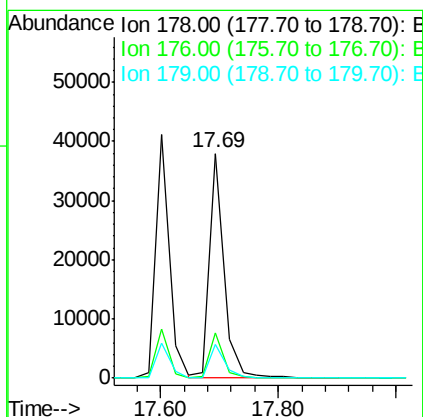
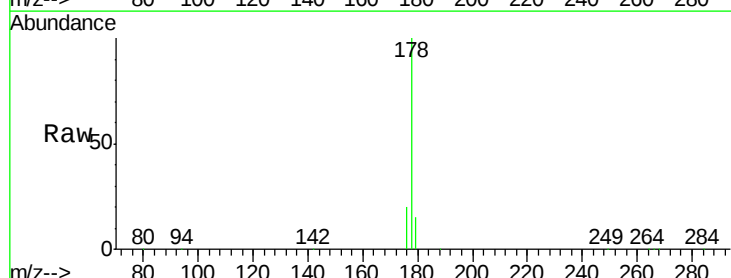
Tgt Ion:178 Resp: 64687

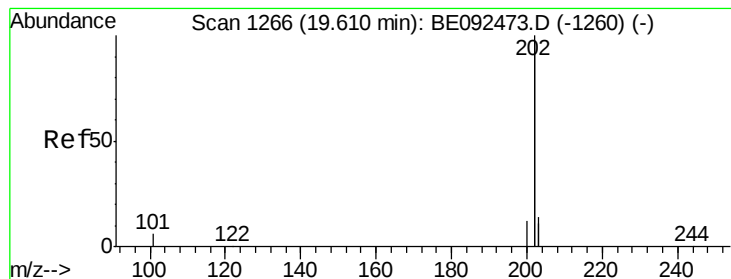
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 15.2 12.2 18.2





#23

Fluoranthene

Concen: 5.43 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

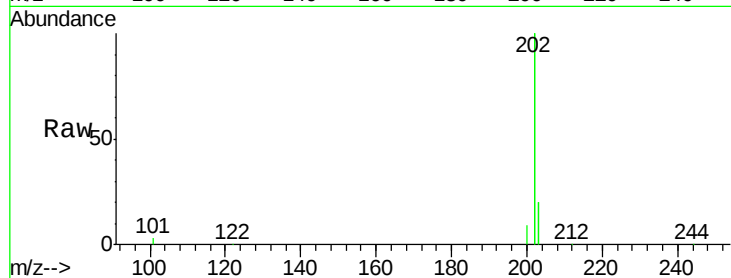
Tgt Ion: 202 Resp: 281416

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

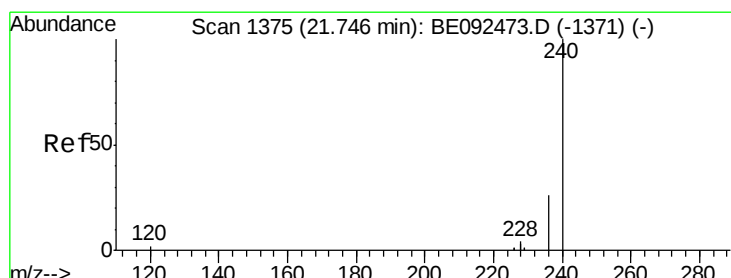
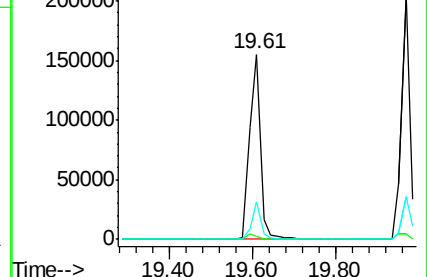
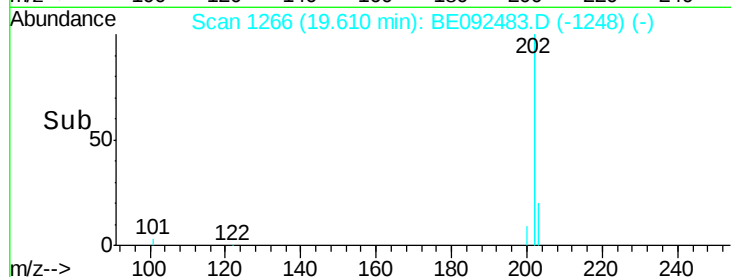
203 17.2 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

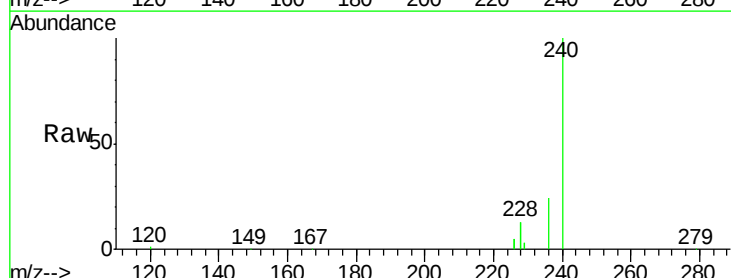
Tgt Ion: 240 Resp: 73699

Ion Ratio Lower Upper

240 100

120 1.0 2.6 4.0#

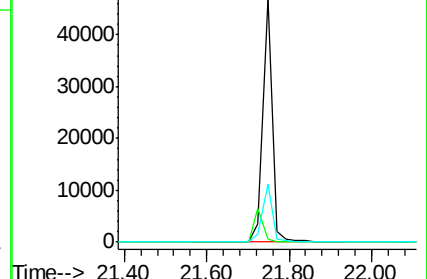
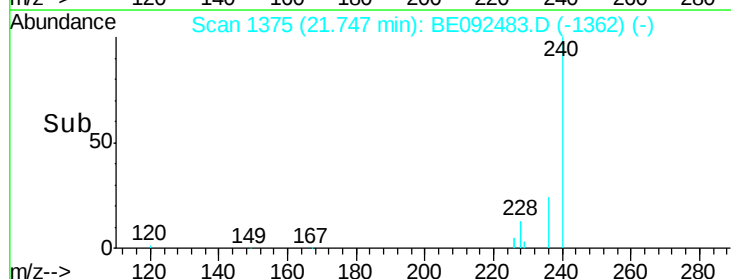
236 23.6 24.6 37.0#

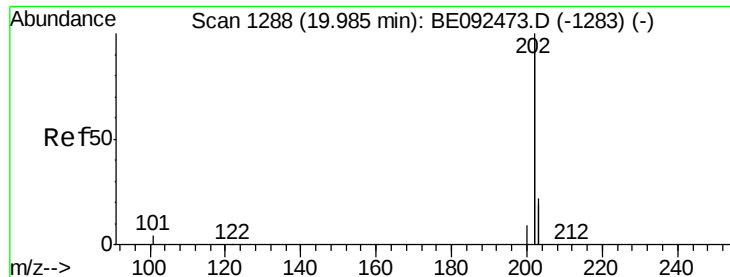


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

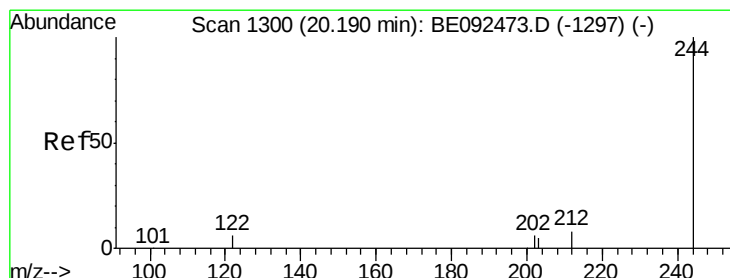
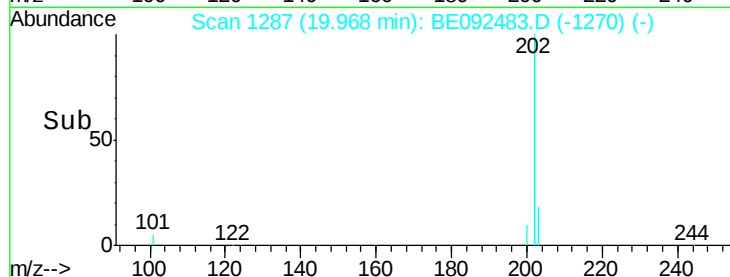
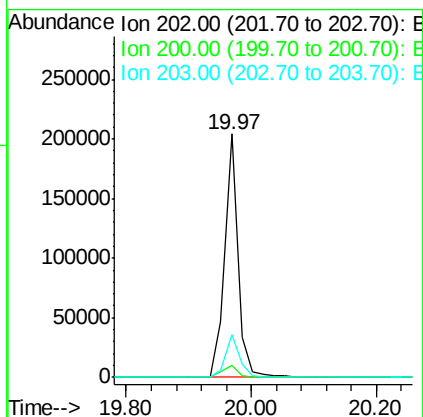
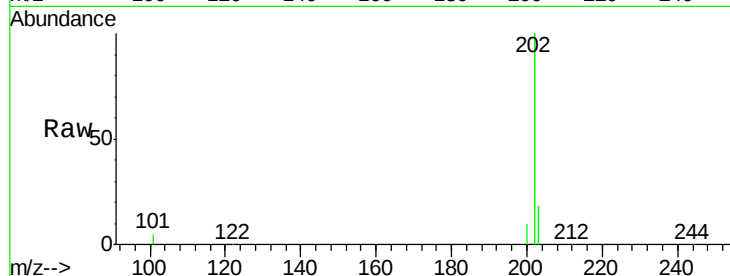




#25
 Pyrene
 Concen: 4.67 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

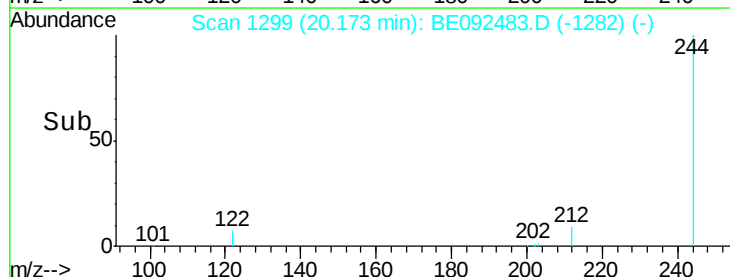
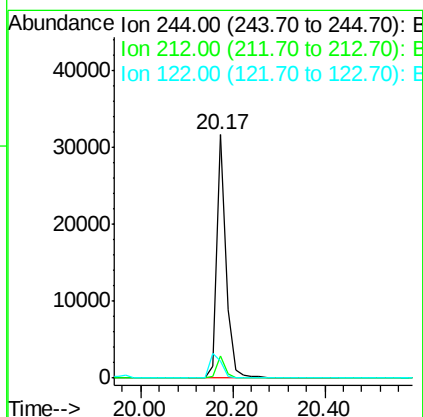
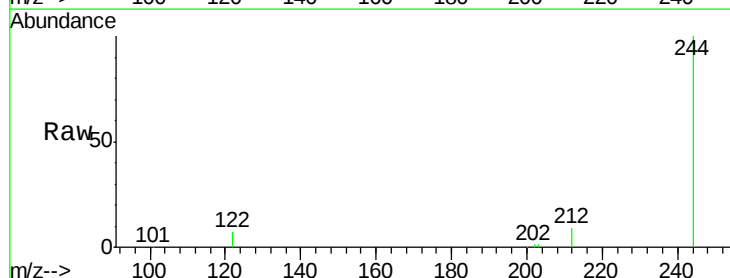
Instrument :
 BNA_E
 ClientSampleId :
 PB94457BS

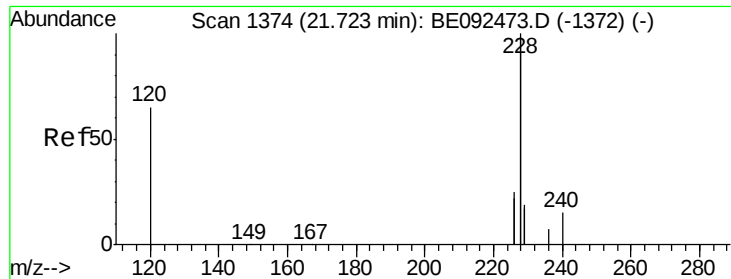
Tgt Ion: 202 Resp: 299968
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 18.2 13.9 20.9



#26
 Terphenyl-d14
 Concen: 4.94 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

Tgt Ion: 244 Resp: 45011
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.7 10.1
 122 6.9 3.6 5.4#

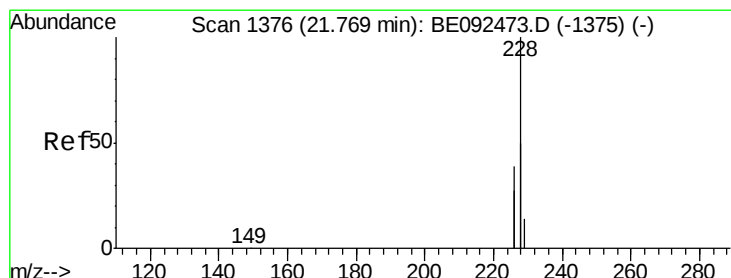
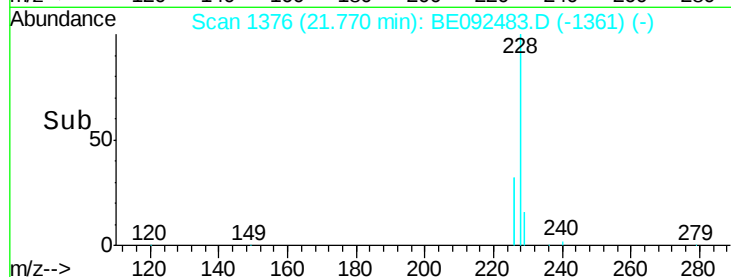
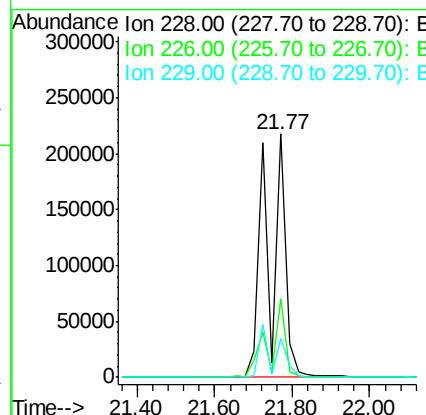
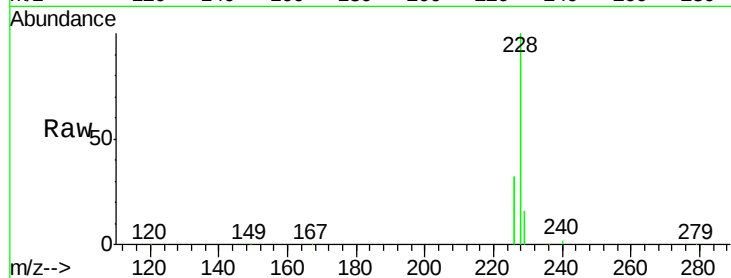




#27
Benzo(a)anthracene
Concen: 10.05 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.05 min
Lab File: BE092483.D
Acq: 31 Oct 2016 17:15

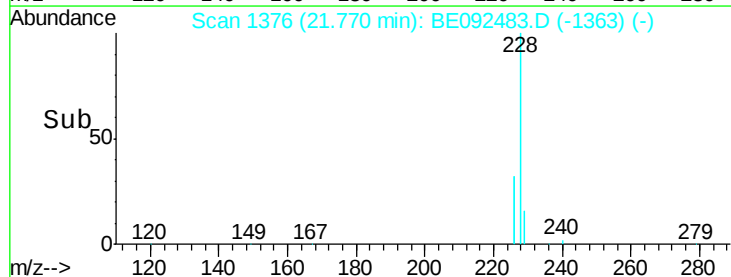
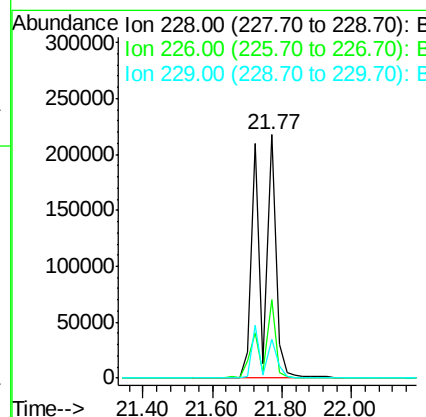
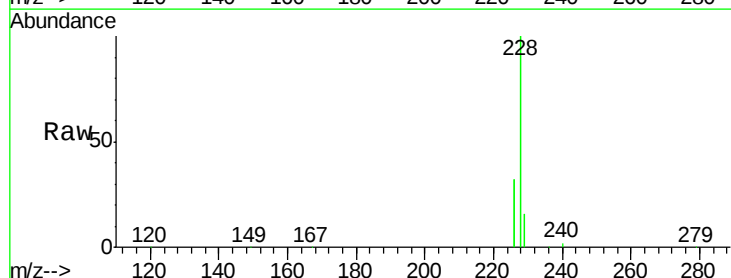
Instrument :
BNA_E
ClientSampleId :
PB94457BS

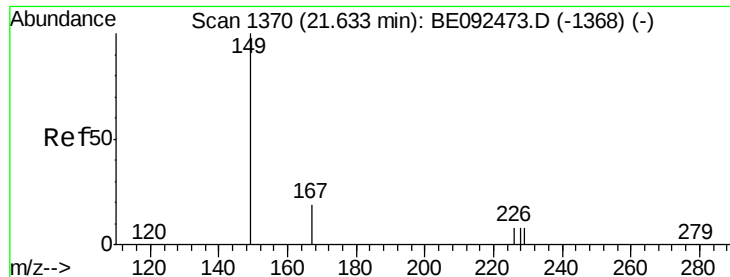
Tgt Ion:228 Resp: 685145
Ion Ratio Lower Upper
228 100
226 32.2 23.6 35.4
229 16.0 13.3 19.9



#28
Chrysene
Concen: 9.58 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092483.D
Acq: 31 Oct 2016 17:15

Tgt Ion:228 Resp: 686763
Ion Ratio Lower Upper
228 100
226 32.2 36.3 54.5#
229 16.0 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 4.69 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

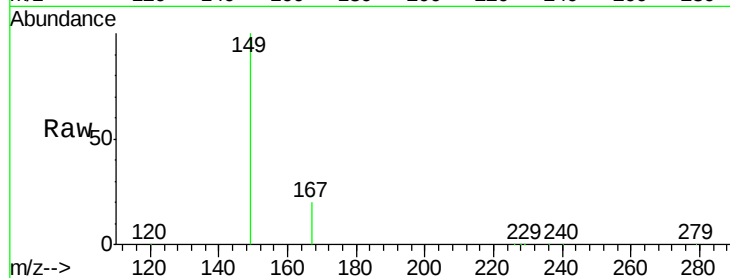
Tgt Ion:149 Resp: 38156

Ion Ratio Lower Upper

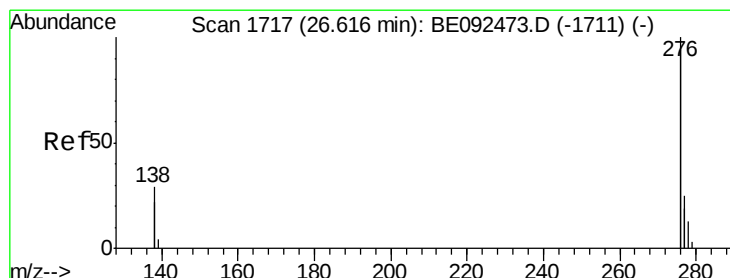
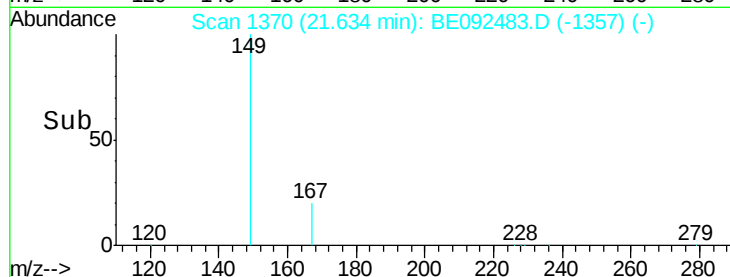
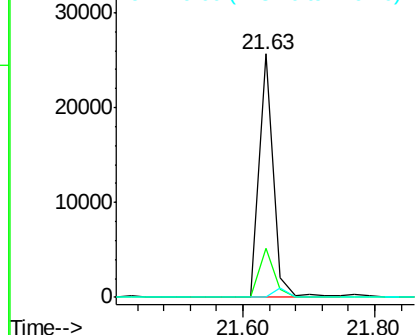
149 100

167 21.8 16.0 24.0

279 0.0 16.0 24.0#



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



#30

Indeno(1,2,3-cd)pyrene

Concen: 5.48 ng

RT: 26.60 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

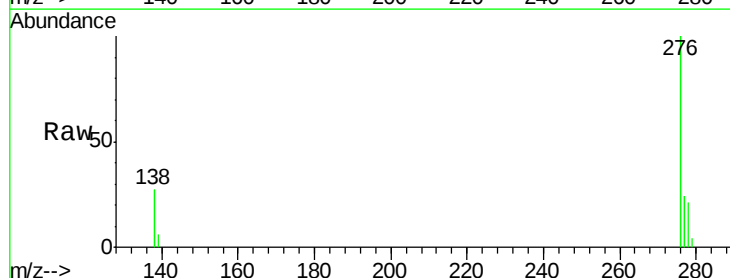
Tgt Ion:276 Resp: 346065

Ion Ratio Lower Upper

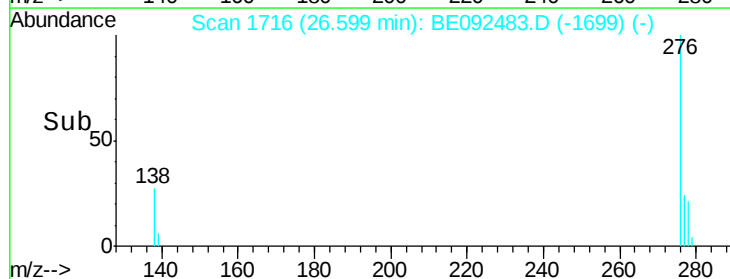
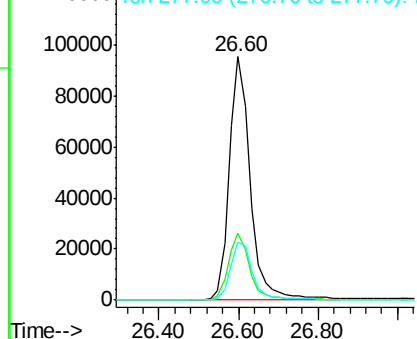
276 100

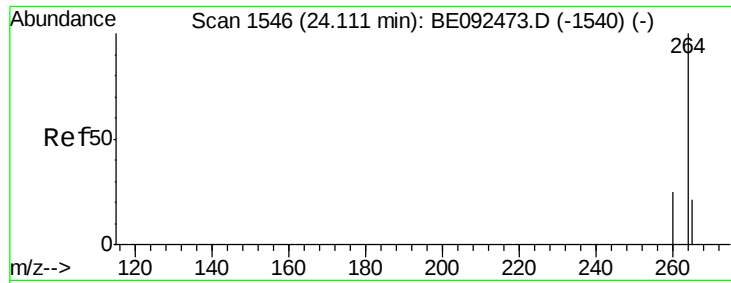
138 27.7 20.3 30.5

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

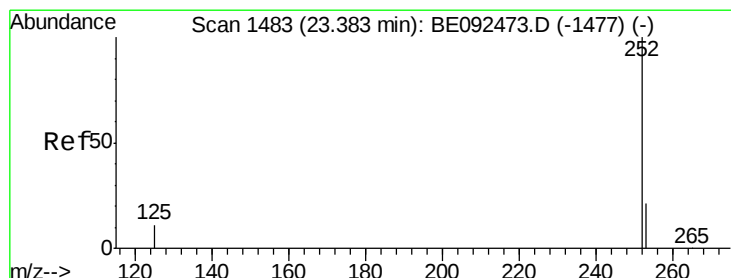
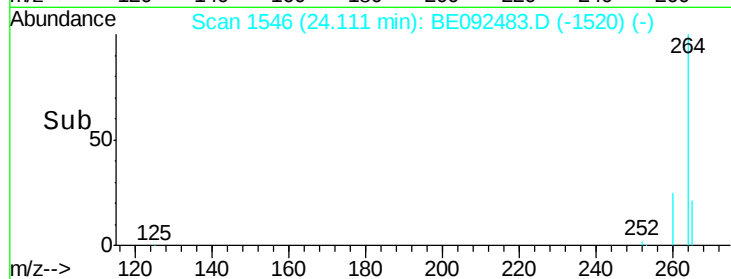
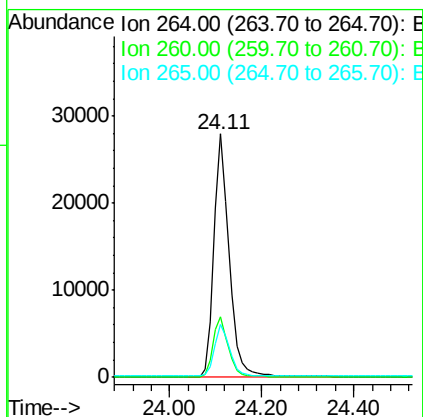
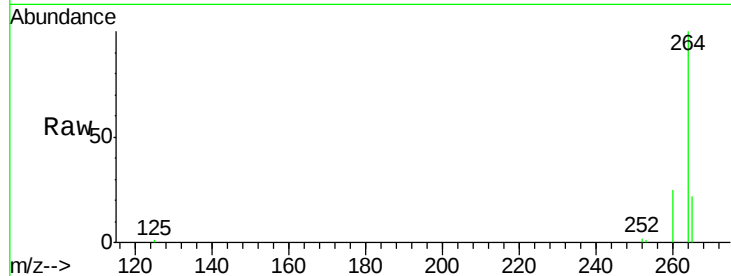




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

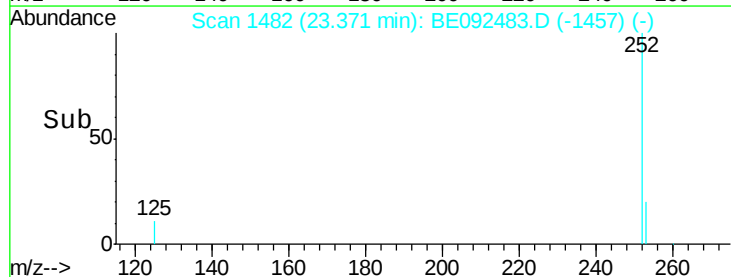
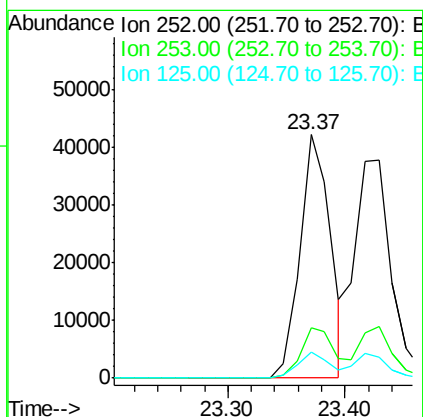
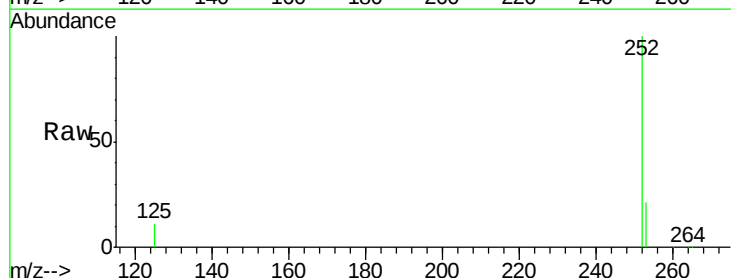
Instrument :
 BNA_E
 ClientSampleId :
 PB94457BS

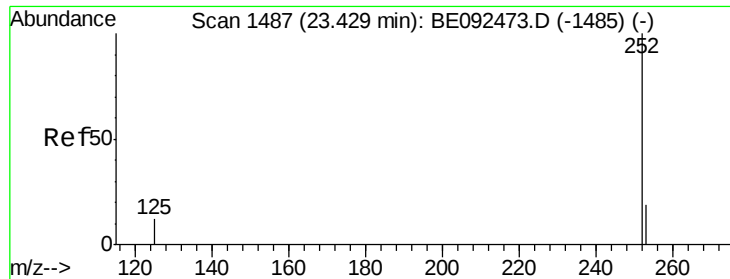
Tgt Ion:264 Resp: 64764
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 21.9 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.70 ng
 RT: 23.37 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BE092483.D
 Acq: 31 Oct 2016 17:15

Tgt Ion:252 Resp: 75790
 Ion Ratio Lower Upper
 252 100
 253 20.5 18.7 28.1
 125 10.9 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 5.24 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

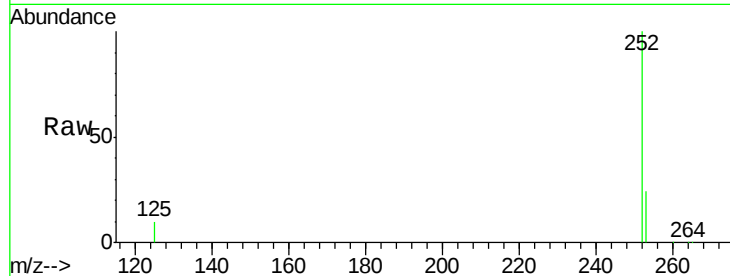
Tgt Ion:252 Resp: 83858

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

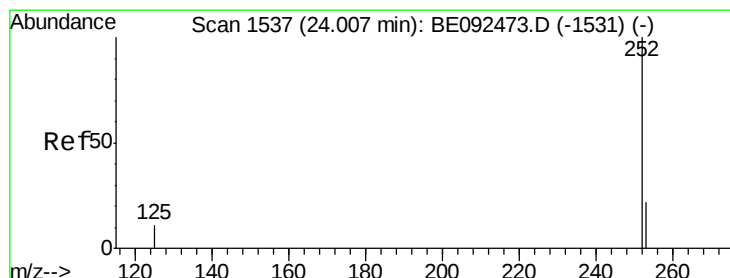
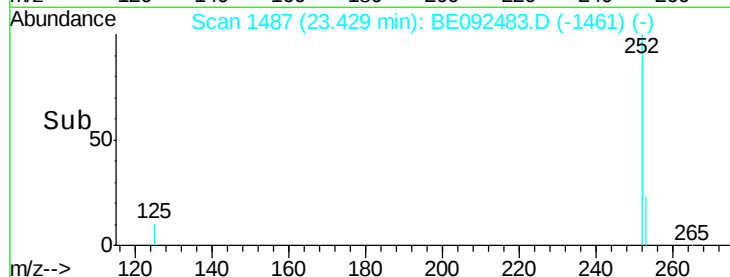
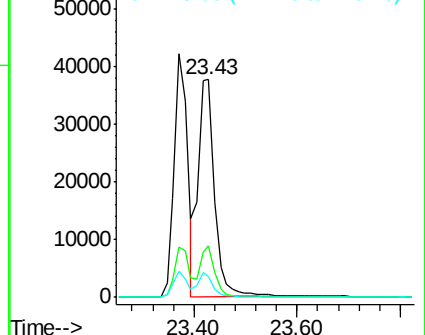
125 9.8 9.6 14.4



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: 5.23 ng

RT: 24.00 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

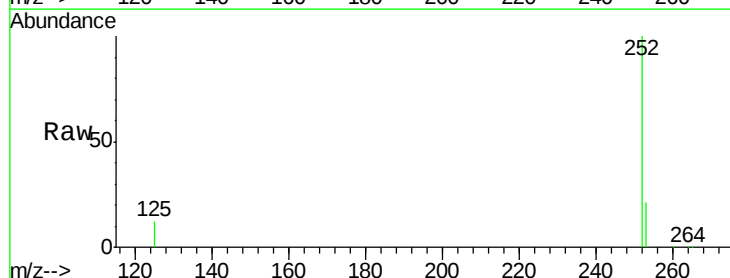
Tgt Ion:252 Resp: 76330

Ion Ratio Lower Upper

252 100

253 21.1 19.0 28.6

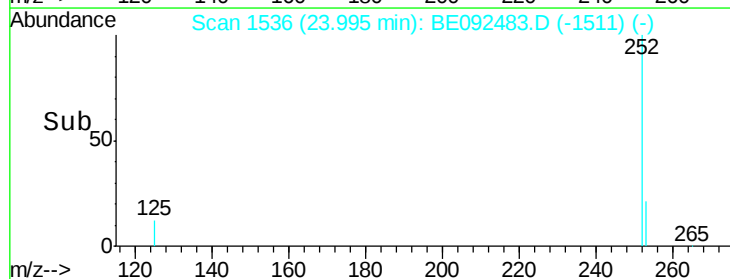
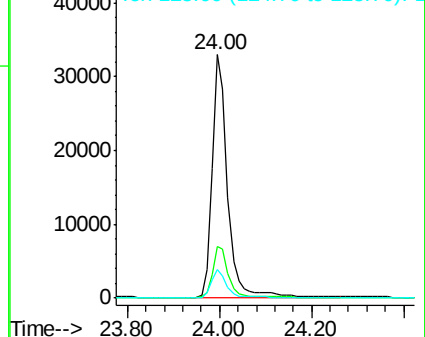
125 12.0 11.8 17.8

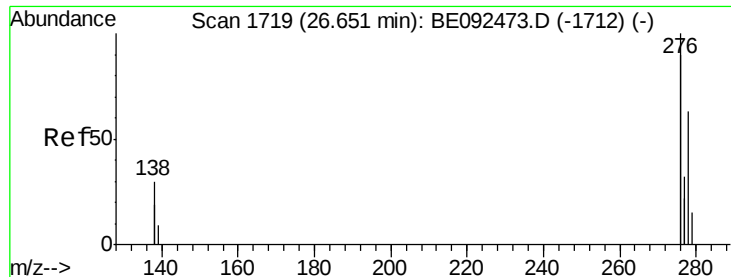


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 5.26 ng

RT: 26.62 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

Instrument :

BNA_E

ClientSampleId :

PB94457BS

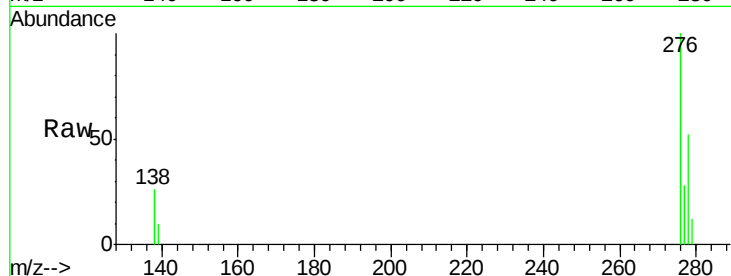
Tgt Ion:278 Resp: 71780

Ion Ratio Lower Upper

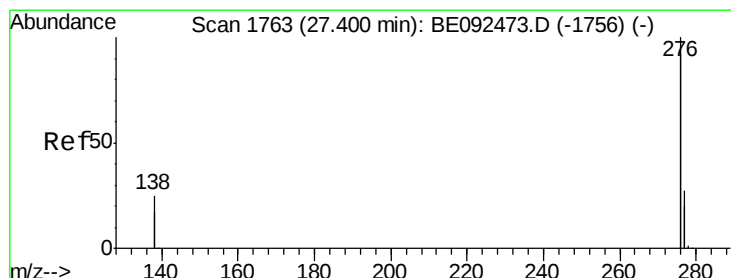
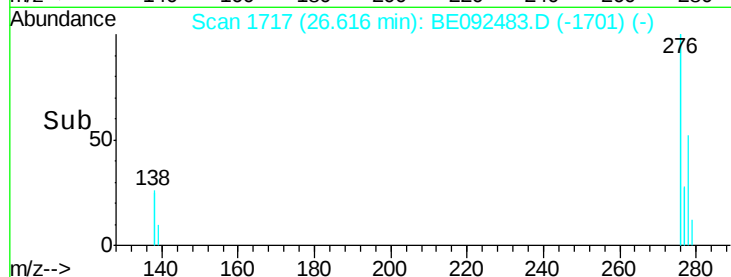
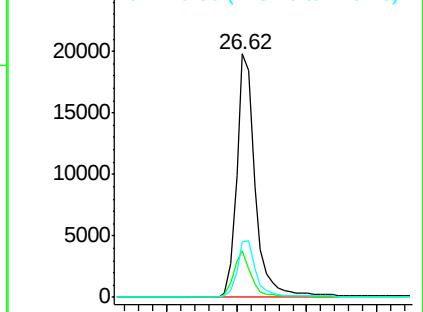
278 100

139 19.0 13.8 20.8

279 22.9 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: 5.04 ng

RT: 27.37 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BE092483.D

Acq: 31 Oct 2016 17:15

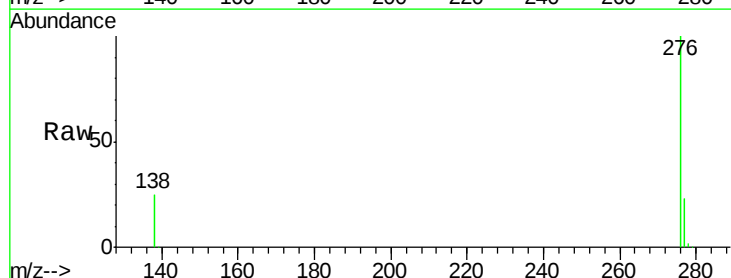
Tgt Ion:276 Resp: 296491

Ion Ratio Lower Upper

276 100

277 23.2 19.8 29.8

138 24.6 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

