

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
 Data File : BE092449.D
 Acq On : 7 Oct 2016 16:31
 Operator : UM/SJ
 Sample : PB93505BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

Quant Time: Oct 07 22:57:40 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	10380	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	45379	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	29301	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	54061	5.00	ng	0.02
24) Chrysene-d12	21.75	240	82924	5.00	ng	0.00
31) Perylene-d12	24.11	264	70951	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	17556	7.18	ng	-0.02
5) Phenol-d6	7.34	99	22438	6.44	ng	-0.02
8) Nitrobenzene-d5	9.34	82	11131	3.46	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	6253	6.06	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	27078	3.90	ng	-0.01
26) Terphenyl-d14	20.17	244	35353	3.44	ng	0.00

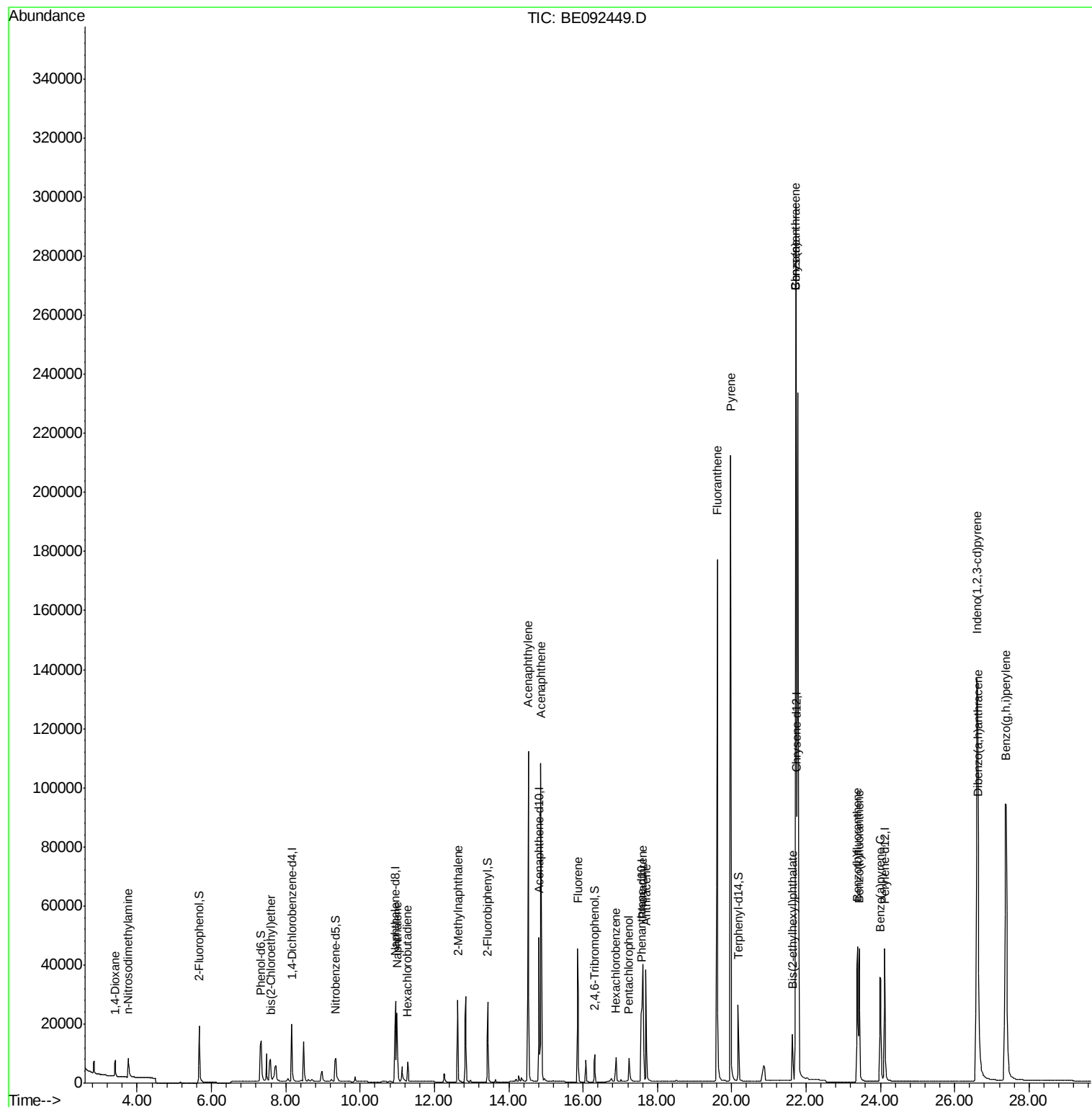
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	3654	3.25	ng	# 81
3) n-Nitrosodimethylamine	3.76	42	5882	3.62	ng	# 95
6) bis(2-Chloroethyl)ether	7.59	93	9312	3.42	ng	# 27
9) Naphthalene	10.99	128	33799	3.44	ng	# 95
10) Hexachlorobutadiene	11.28	225	5207	3.37	ng	100
11) 2-Methylnaphthalene	12.62	142	22832	3.51	ng	# 89
15) Acenaphthylene	14.53	152	149517	3.52	ng	100
16) Acenaphthene	14.87	154	22502	3.39	ng	94
17) Fluorene	15.86	166	29681	3.52	ng	99
19) Hexachlorobenzene	16.89	284	8900	3.85	ng	# 64
20) Pentachlorophenol	17.23	266	7140	8.42	ng	# 85
21) Phenanthrene	17.60	178	50539	4.07	ng	# 94
22) Anthracene	17.69	178	51449	4.31	ng	99
23) Fluoranthene	19.61	202	224852	3.81	ng	99
25) Pyrene	19.97	202	248020	3.45	ng	99
27) Benzo(a)anthracene	21.72	228	570116	7.06	ng	# 90
28) Chrysene	21.72	228	573360	7.75	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	22671	3.26	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	294457	3.75	ng	98
32) Benzo(b)fluoranthene	23.38	252	70559	4.11	ng	# 97
33) Benzo(k)fluoranthene	23.43	252	63212	3.51	ng	95
34) Benzo(a)pyrene	23.99	252	64734	3.84	ng	93
35) Dibenzo(a,h)anthracene	26.63	278	61227	3.97	ng	95
36) Benzo(g,h,i)perylene	27.38	276	254003	3.83	ng	96

(#) = 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: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

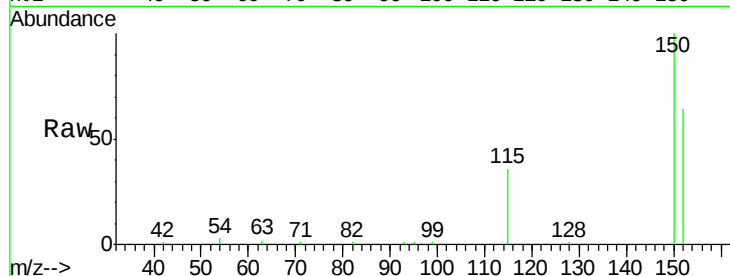
Tgt Ion:152 Resp: 10380

Ion Ratio Lower Upper

152 100

150 155.8 106.0 159.0

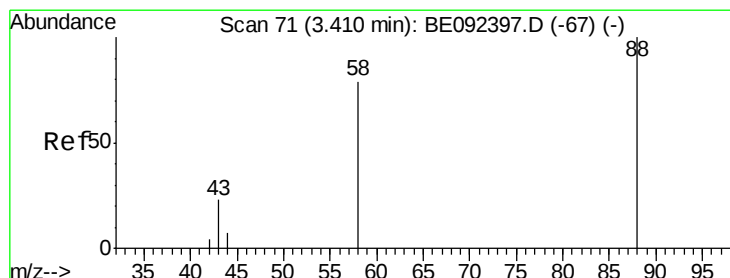
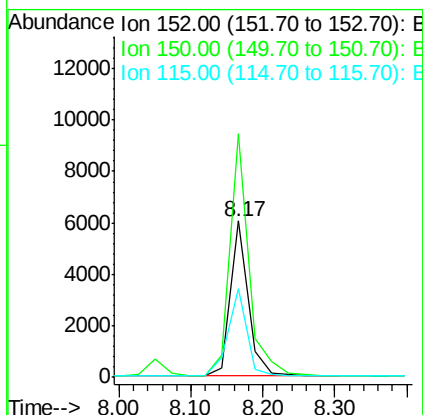
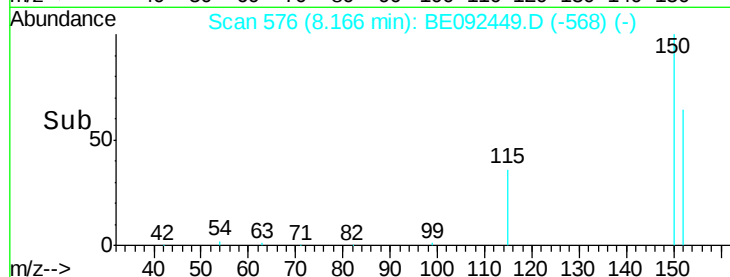
115 56.5 31.2 46.8#



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: 3.25 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

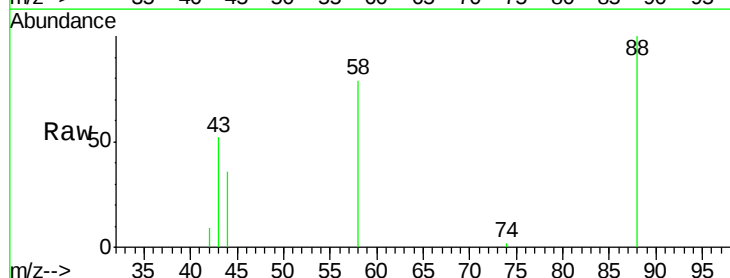
Tgt Ion: 88 Resp: 3654

Ion Ratio Lower Upper

88 100

58 90.1 63.6 95.4

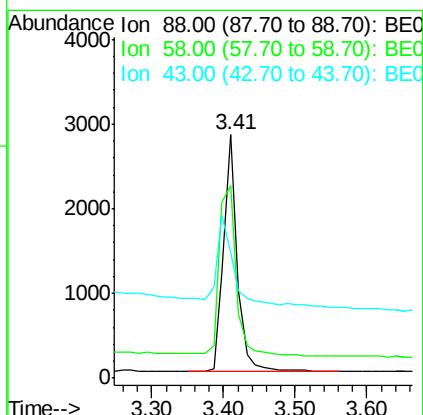
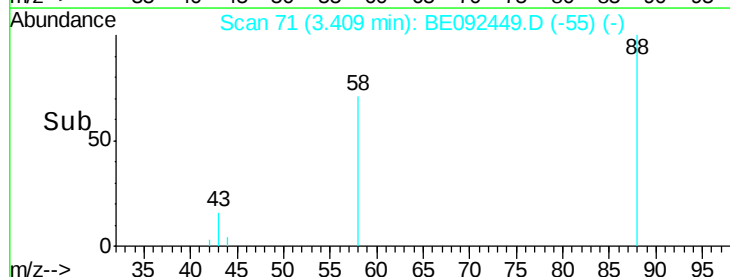
43 54.2 28.0 42.0#

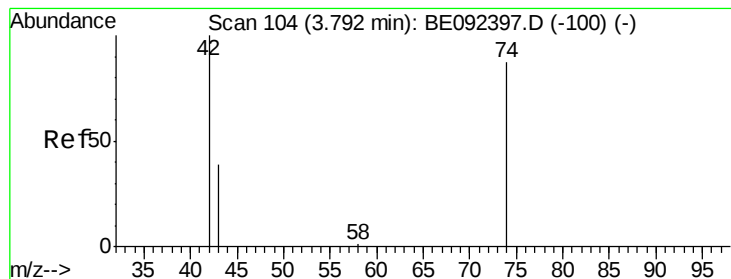


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.62 ng

RT: 3.76 min Scan# 101

Delta R.T. -0.05 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

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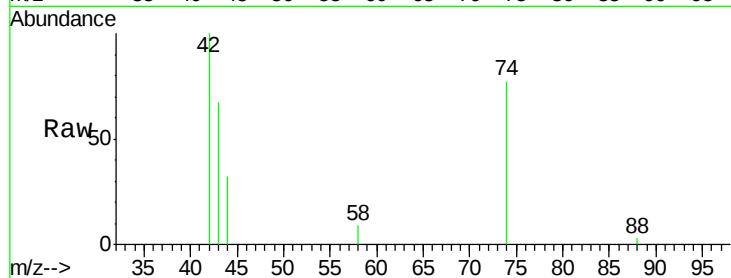
Tgt Ion: 42 Resp: 5882

Ion Ratio Lower Upper

42 100

74 103.0 86.0 129.0

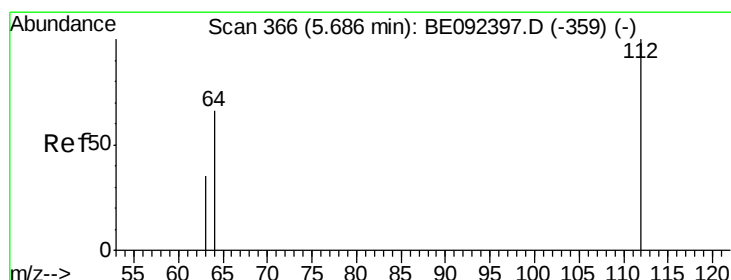
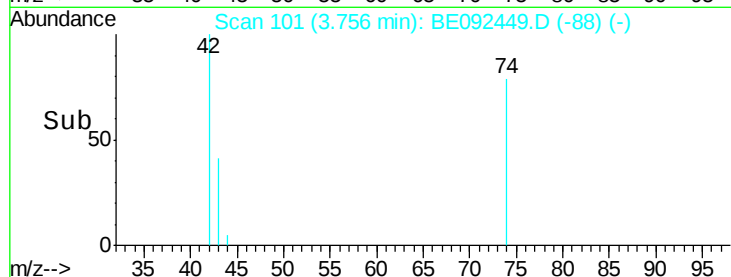
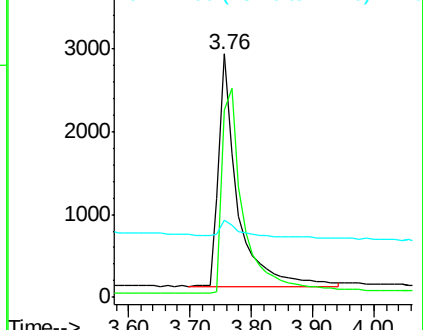
44 10.3 5.1 7.7#



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: 7.18 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

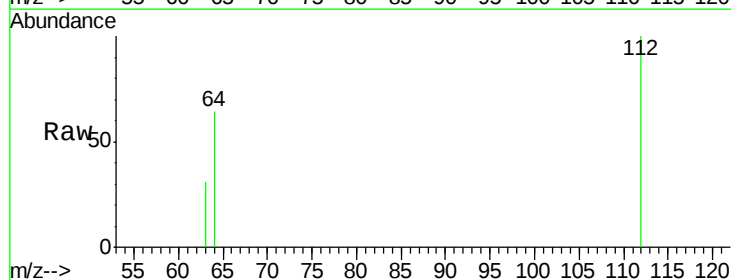
Tgt Ion: 112 Resp: 17556

Ion Ratio Lower Upper

112 100

64 67.6 53.5 80.3

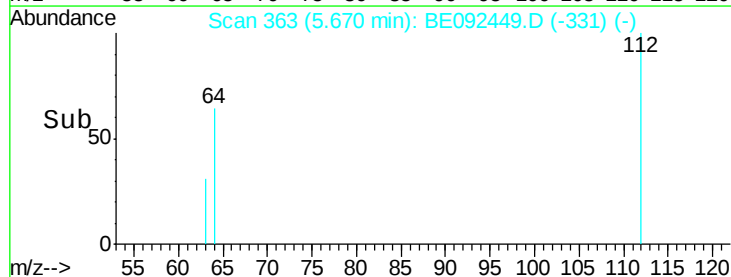
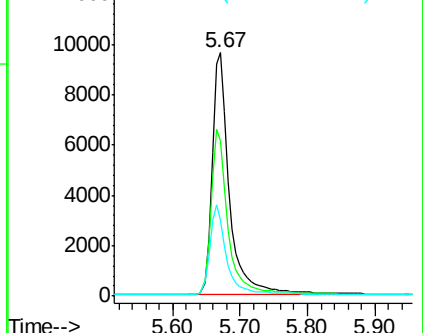
63 36.2 27.9 41.9

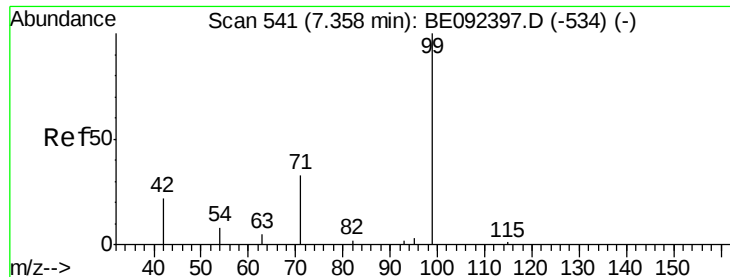


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.44 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

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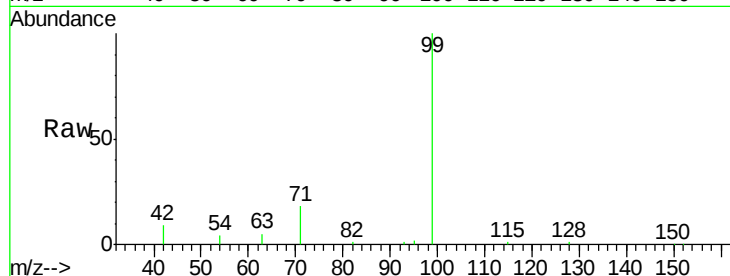
Tgt Ion: 99 Resp: 22438

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

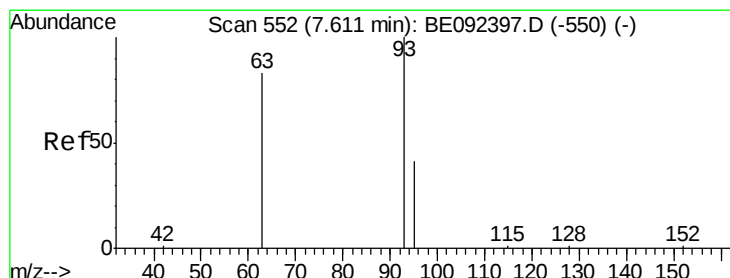
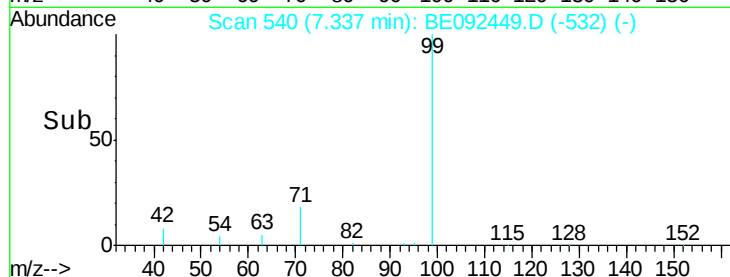
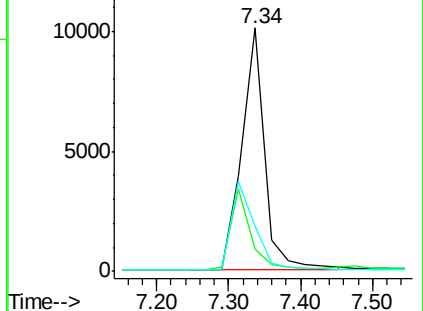
71 0.0 30.6 45.8#



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: 3.42 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

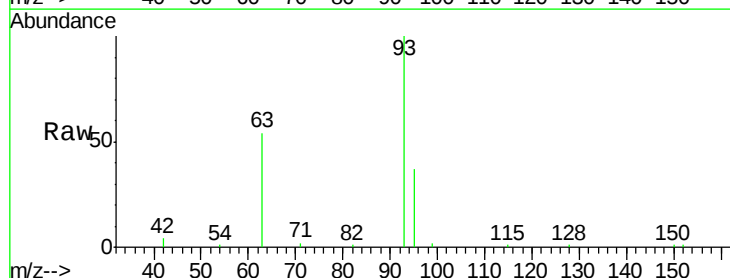
Tgt Ion: 93 Resp: 9312

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

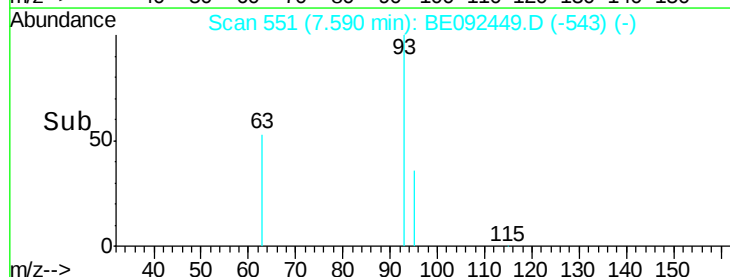
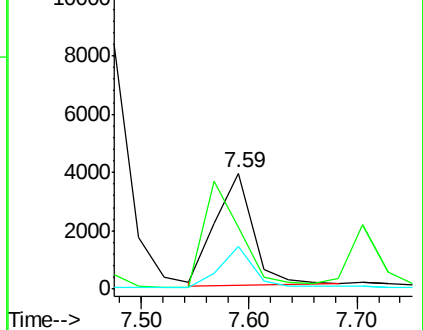
95 34.3 24.0 36.0

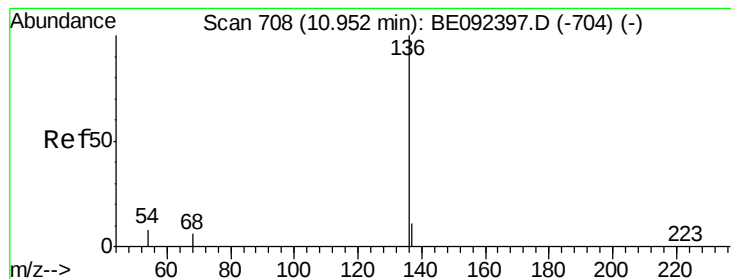


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092449.D

Acq: 7 Oct 2016 16:31

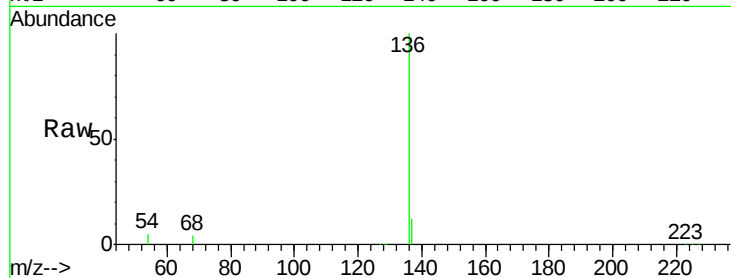
Instrument :

BNA_E

ClientSampleId :

PB93505BS

Tgt Ion:	136	Resp:	45379
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.0	9.6	14.4#
68	4.1	6.7	10.1#

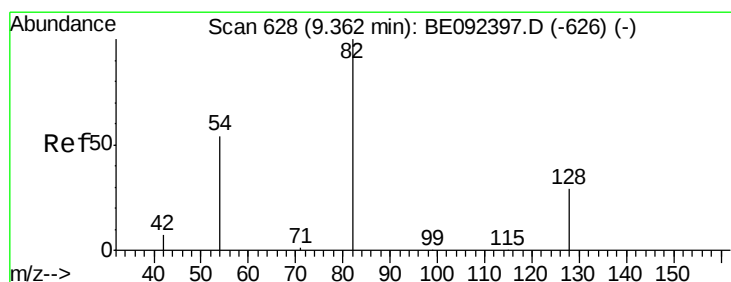
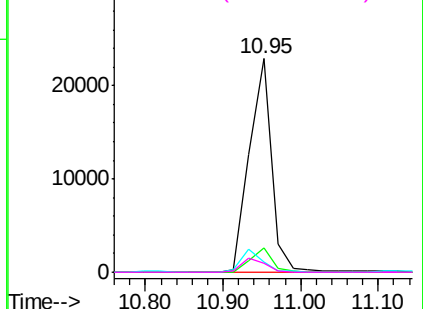
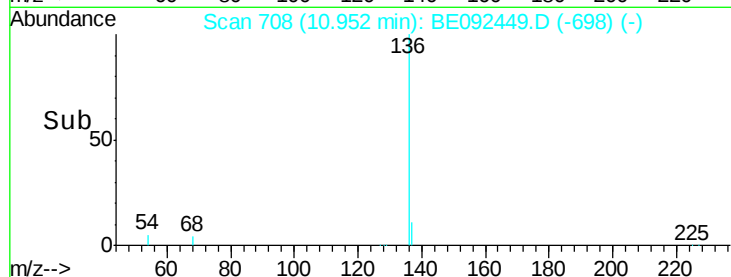


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.46 ng

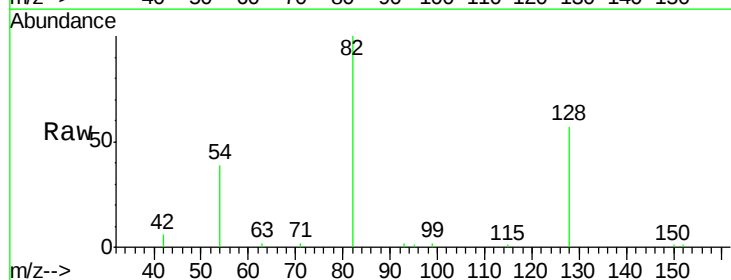
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

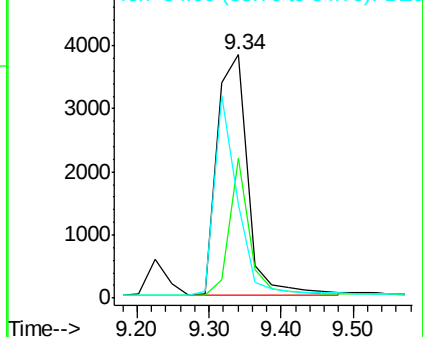
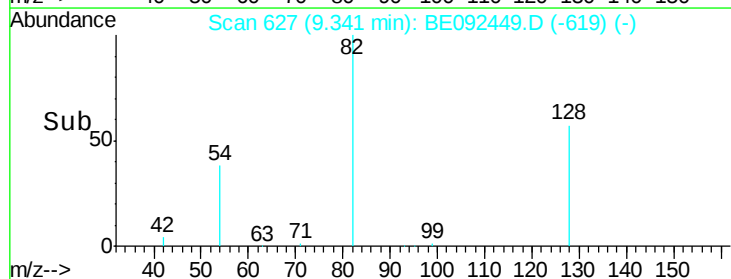
Tgt Ion:	82	Resp:	11131
Ion	Ratio	Lower	Upper
82	100		
128	57.5	39.0	58.4
54	38.7	44.8	67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.44 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

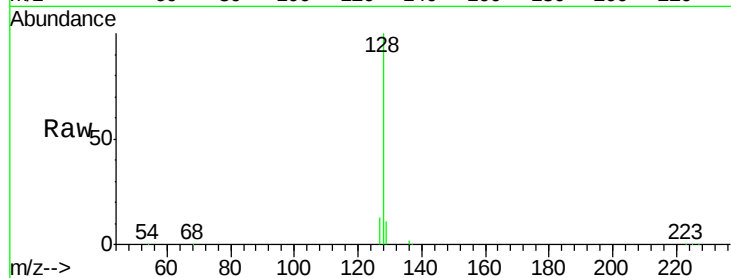
Tgt Ion:128 Resp: 33799

Ion Ratio Lower Upper

128 100

129 11.0 11.2 16.8#

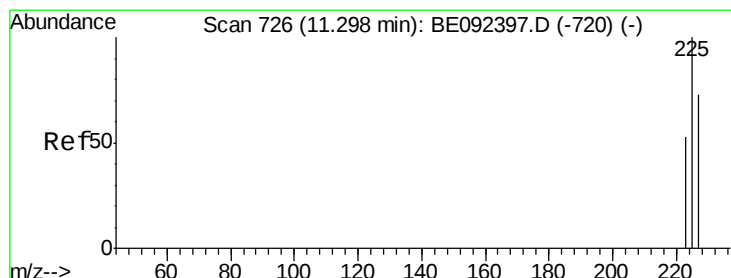
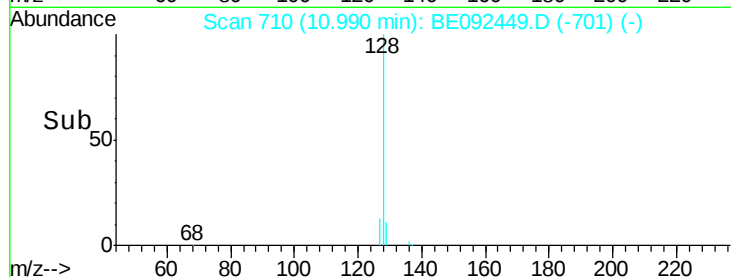
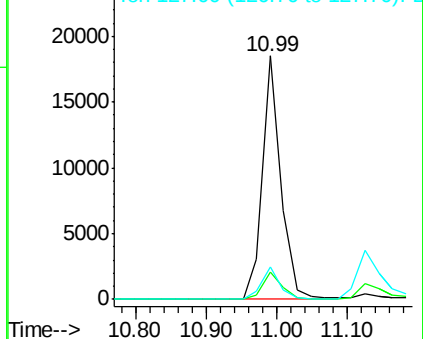
127 13.4 11.6 17.4



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: 3.37 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

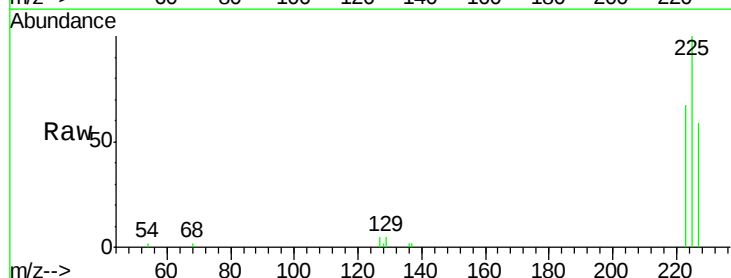
Tgt Ion:225 Resp: 5207

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

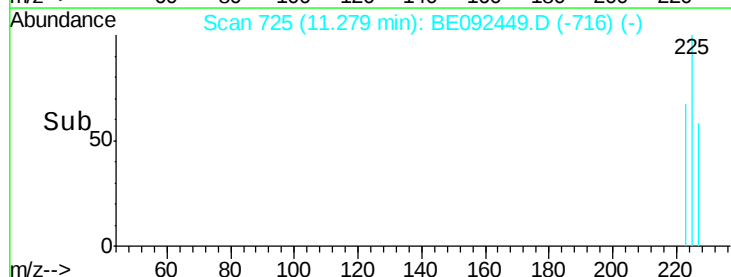
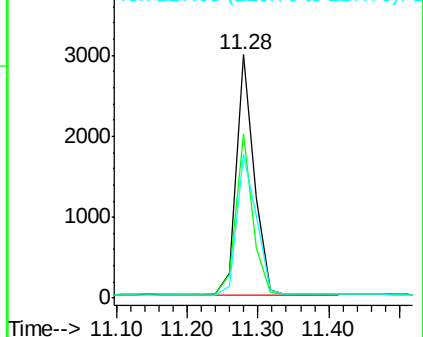
227 63.8 51.4 77.0



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: 3.51 ng

RT: 12.62 min Scan# 814

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

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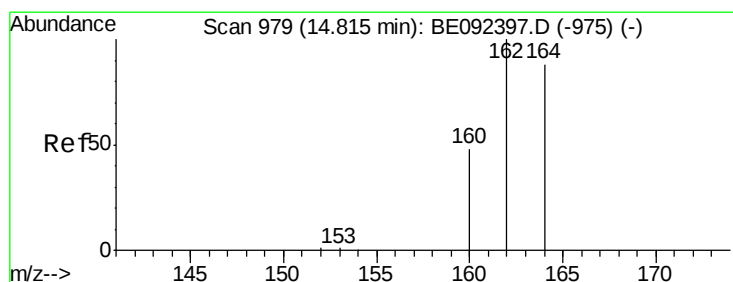
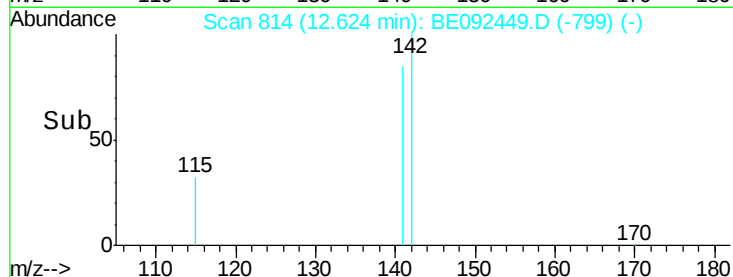
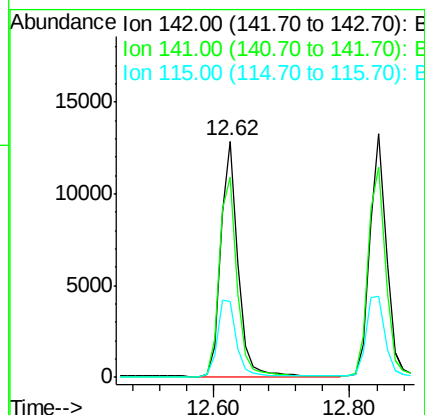
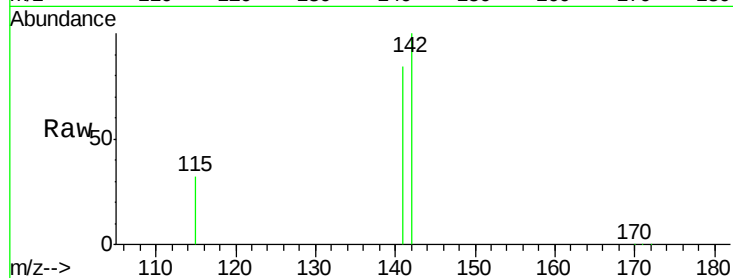
Tgt Ion:142 Resp: 22832

Ion Ratio Lower Upper

142 100

141 84.5 73.7 110.5

115 32.0 34.0 51.0#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

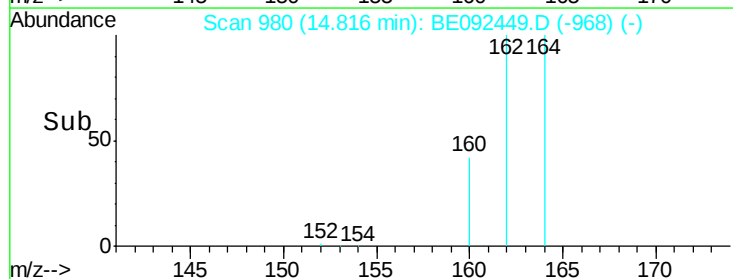
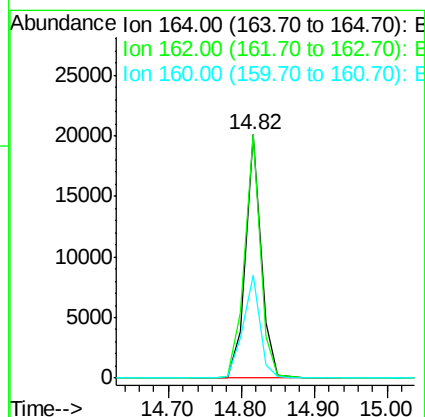
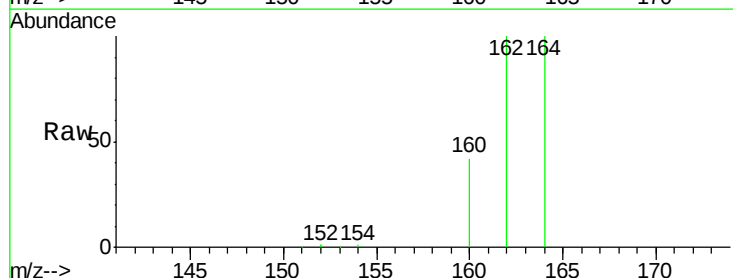
Tgt Ion:164 Resp: 29301

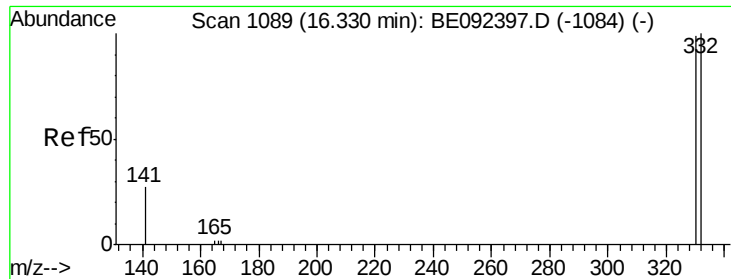
Ion Ratio Lower Upper

164 100

162 99.9 71.4 107.0

160 42.4 27.4 41.2#

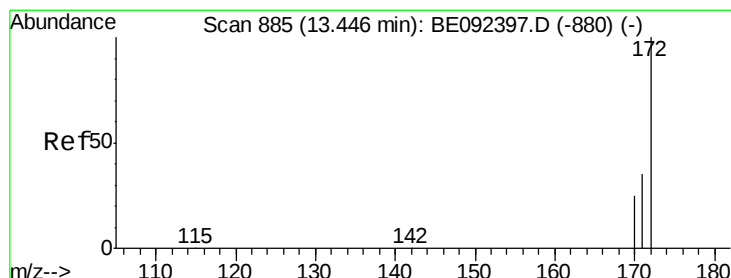
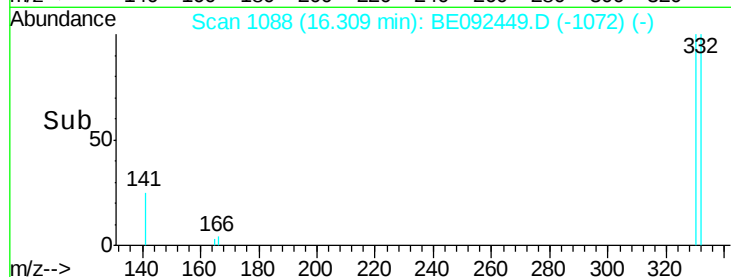
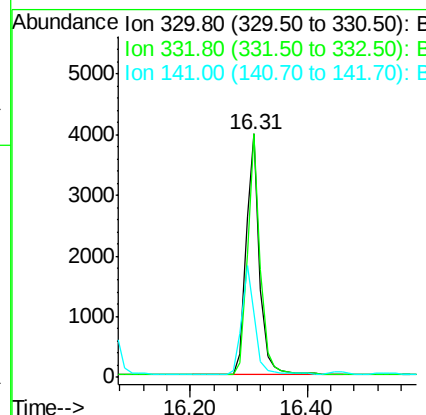
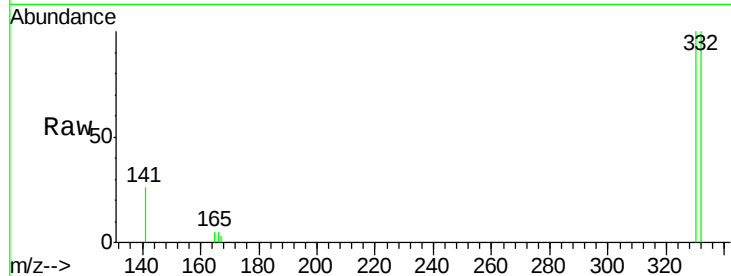




#13
 2,4,6-Tribromophenol
 Concen: 6.06 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

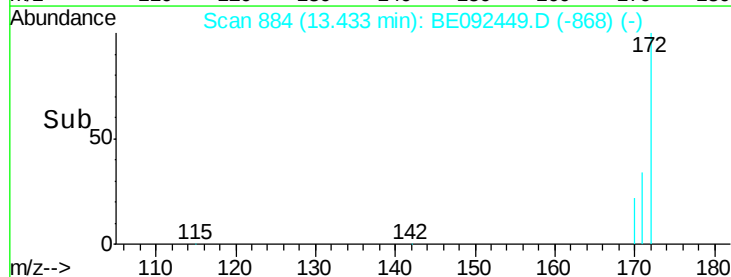
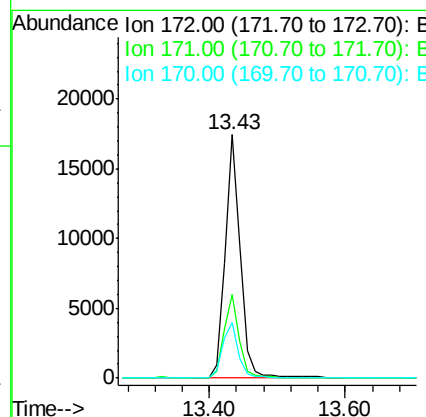
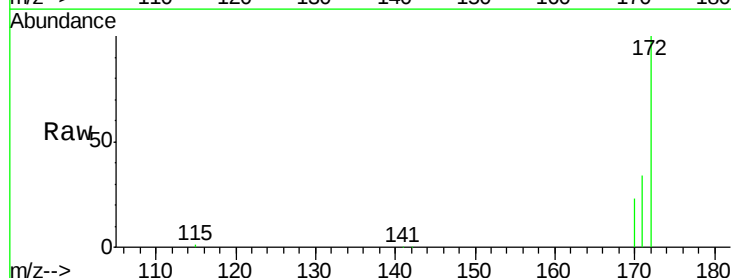
Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

Tgt Ion:330 Resp: 6253
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.90 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

Tgt Ion:172 Resp: 27078
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.1 45.1
 170 22.5 21.8 32.6





#15

Acenaphthylene

Concen: 3.52 ng

RT: 14.53 min Scan# 963

Delta R.T. 0.00 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

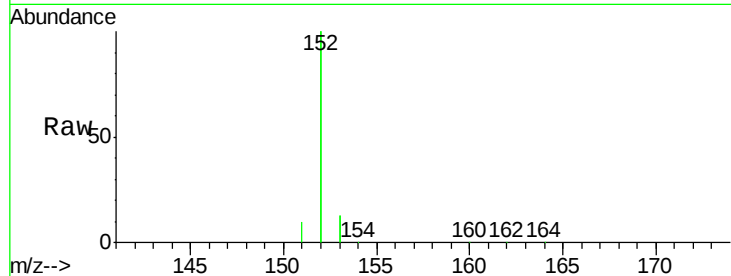
Tgt Ion:152 Resp: 149517

Ion Ratio Lower Upper

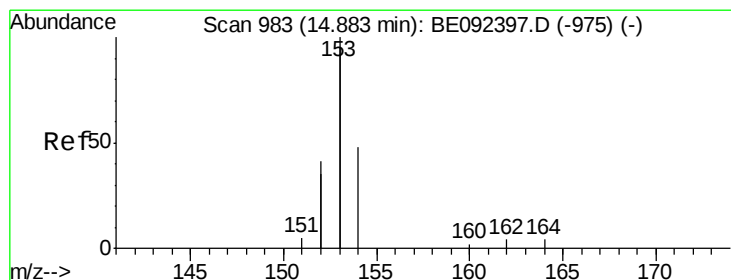
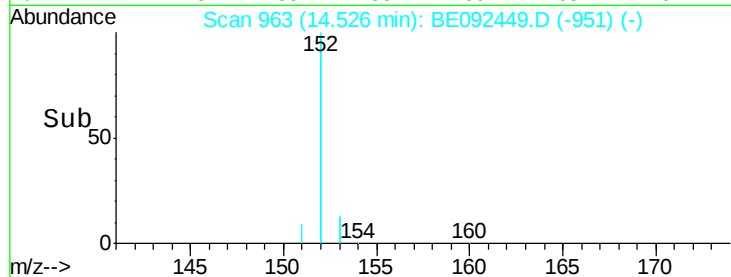
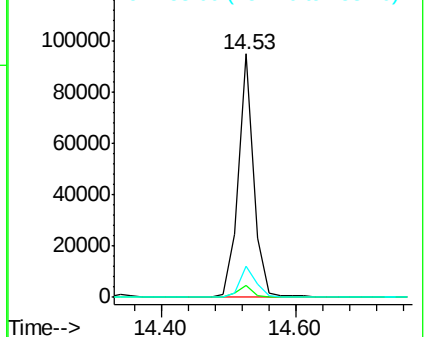
152 100

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: 3.39 ng

RT: 14.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

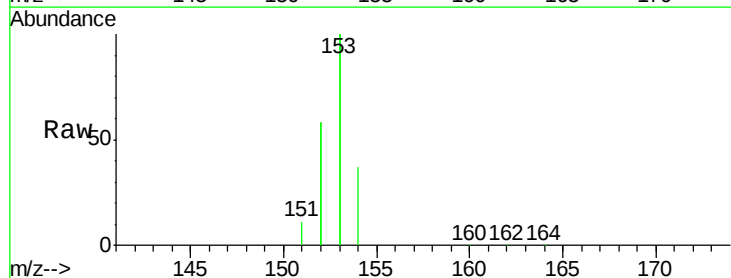
Tgt Ion:154 Resp: 22502

Ion Ratio Lower Upper

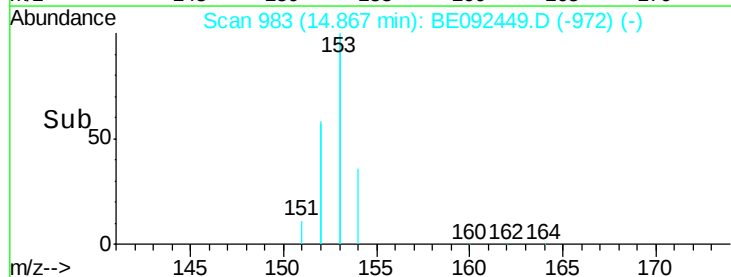
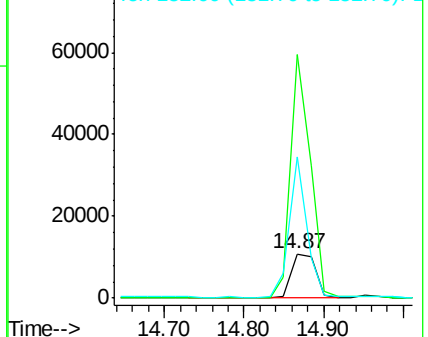
154 100

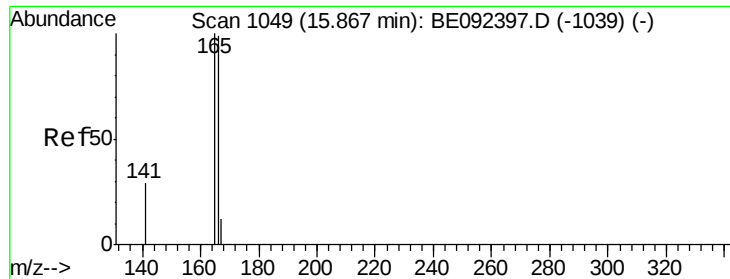
153 448.9 350.8 526.2

152 228.7 171.1 256.7



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

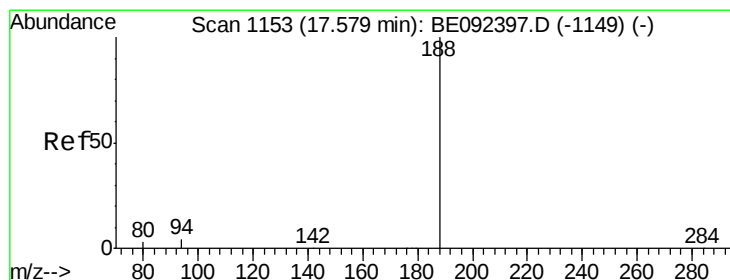
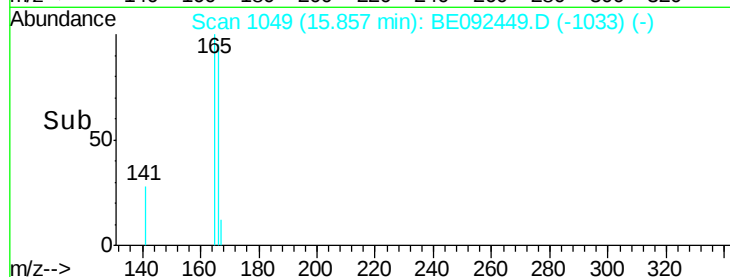
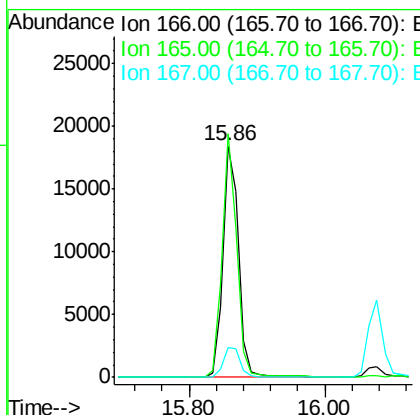
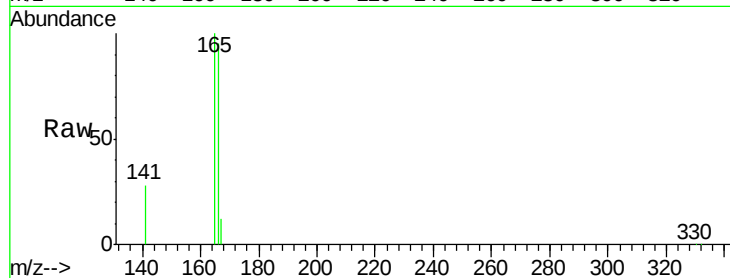




#17
Fluorene
 Concen: 3.52 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

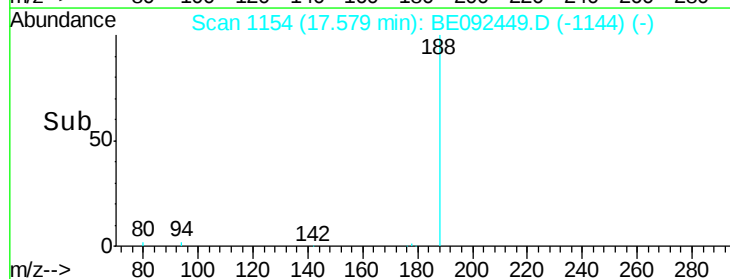
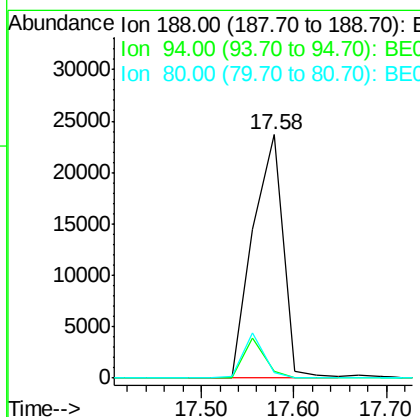
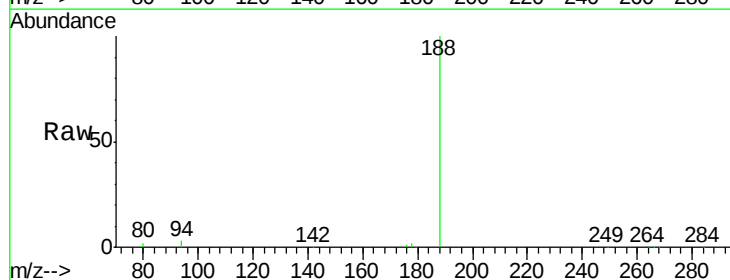
Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

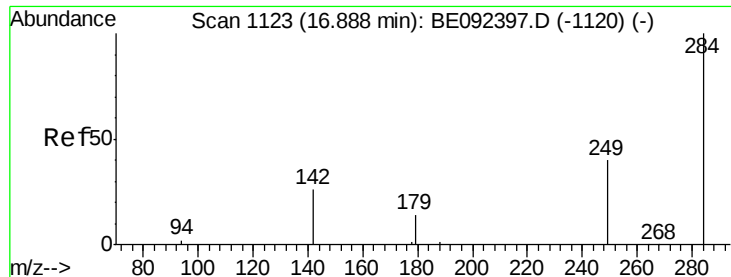
Tgt Ion:166 Resp: 29681
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.2 117.4
 167 13.5 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.58 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

Tgt Ion:188 Resp: 54061
 Ion Ratio Lower Upper
 188 100
 94 2.6 3.2 4.8#
 80 2.1 2.6 3.8#

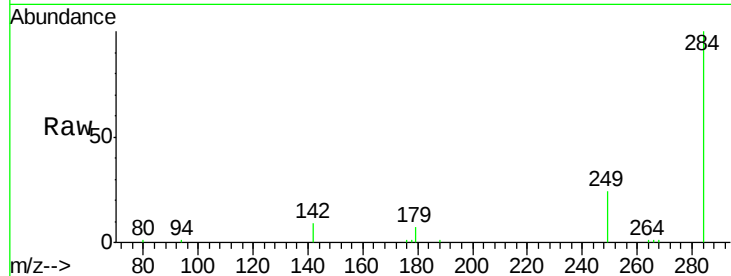




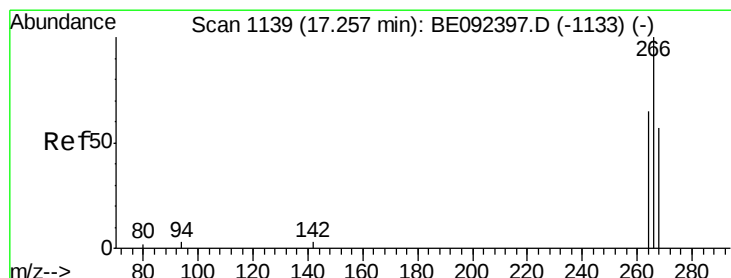
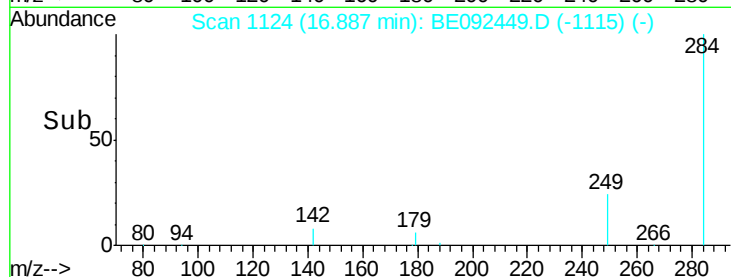
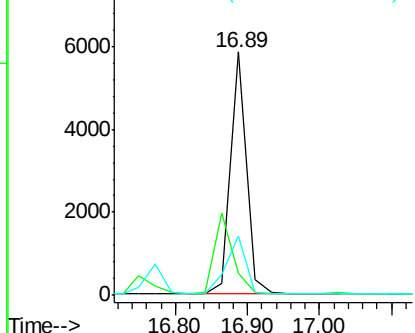
#19
Hexachlorobenzene
Concen: 3.85 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

Instrument :
BNA_E
ClientSampleId :
PB93505BS

Tgt Ion: 284 Resp: 8900
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.2 27.9 41.9

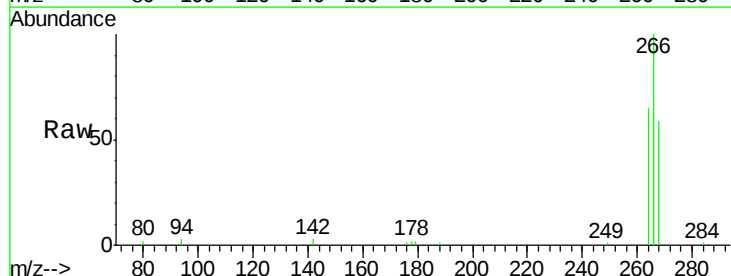


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

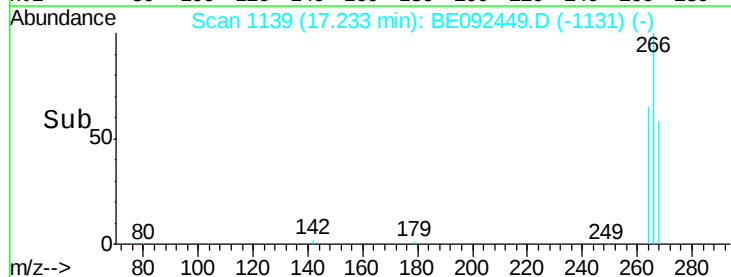
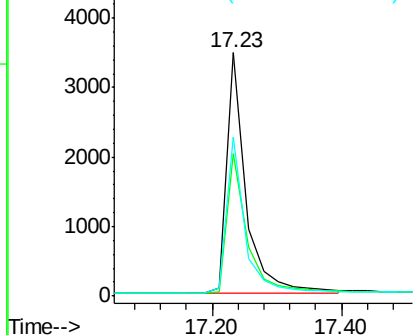


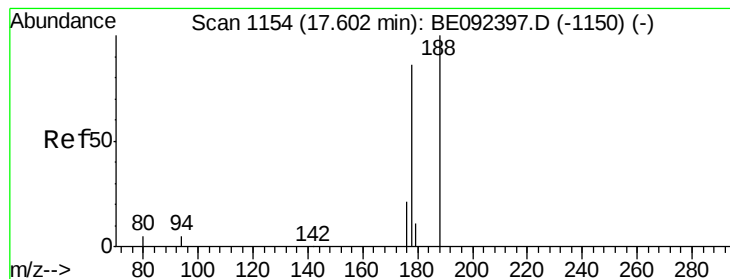
#20
Pentachlorophenol
Concen: 8.42 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

Tgt Ion: 266 Resp: 7140
Ion Ratio Lower Upper
266 100
268 58.7 62.5 93.7#
264 65.4 57.2 85.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 4.07 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

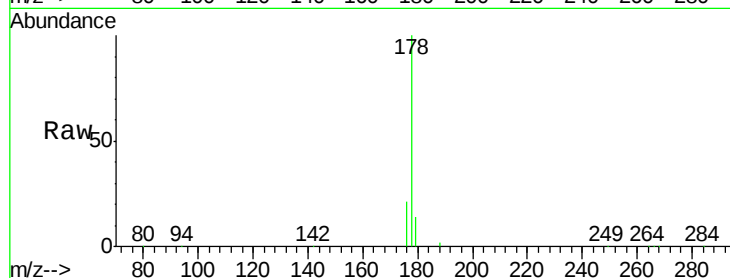
Tgt Ion:178 Resp: 50539

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

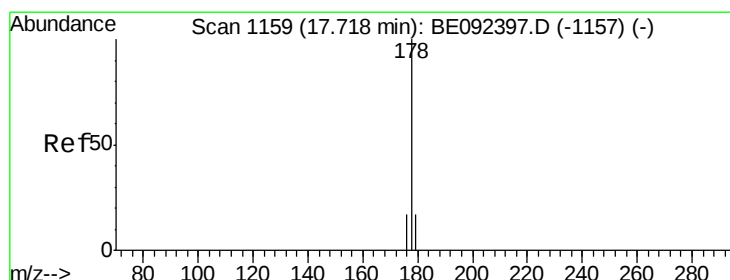
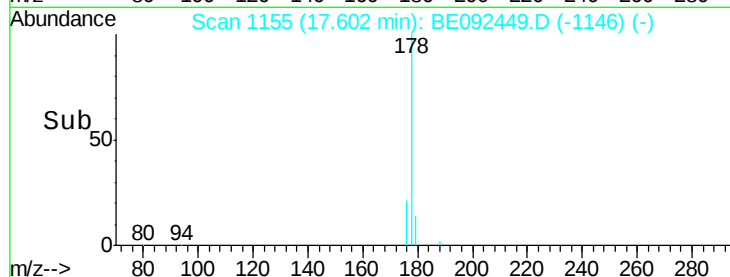
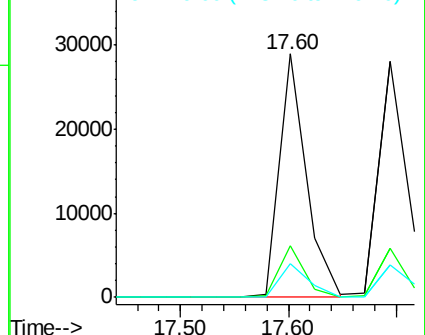
179 15.1 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 4.31 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

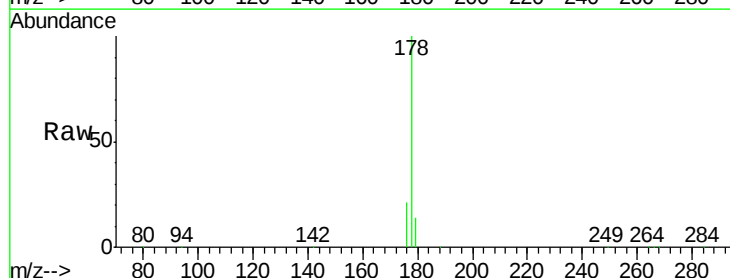
Tgt Ion:178 Resp: 51449

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

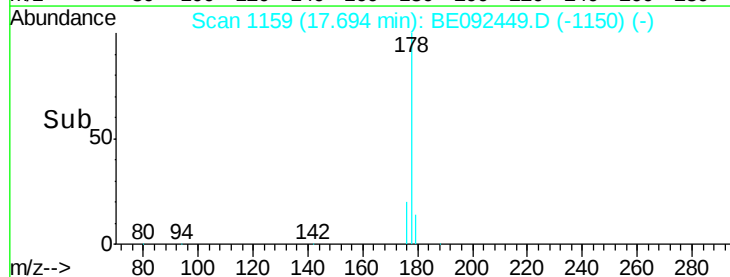
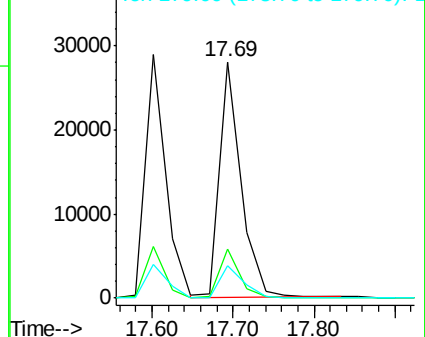
179 14.7 12.2 18.2

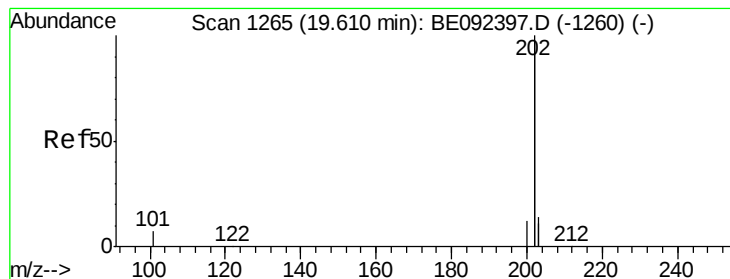


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 3.81 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

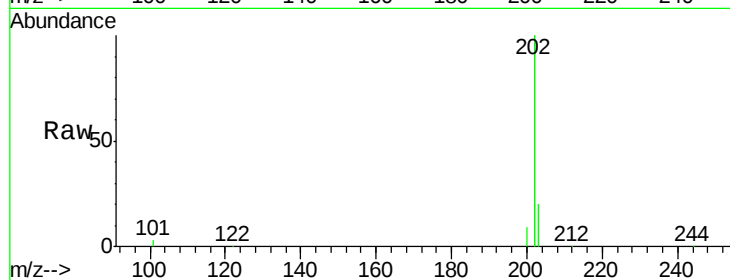
Tgt Ion: 202 Resp: 224852

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

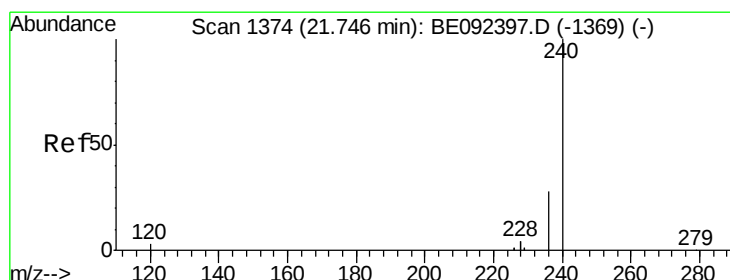
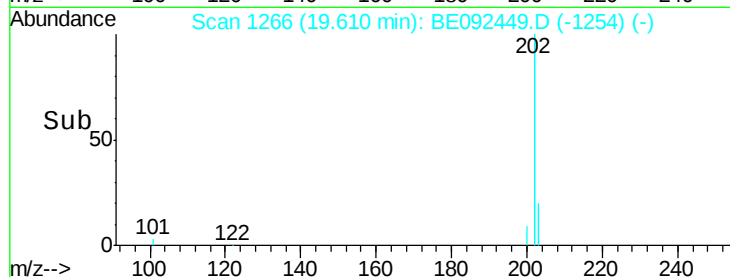
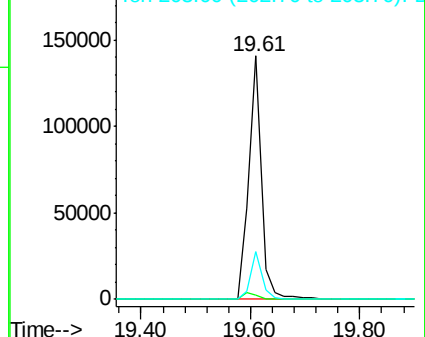
203 17.7 13.7 20.5



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: BE092449.D

Acq: 7 Oct 2016 16:31

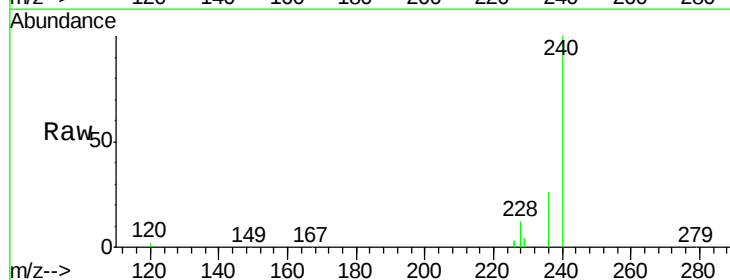
Tgt Ion: 240 Resp: 82924

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

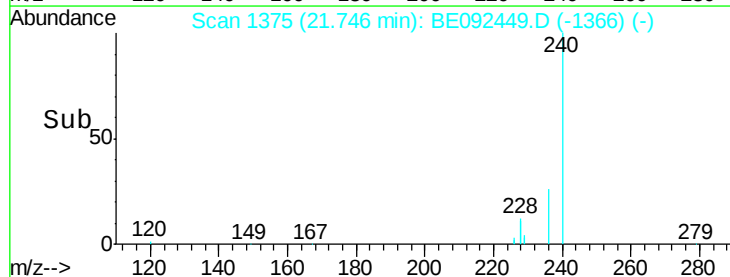
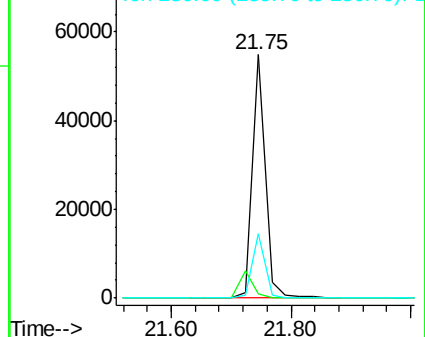
236 26.3 24.6 37.0

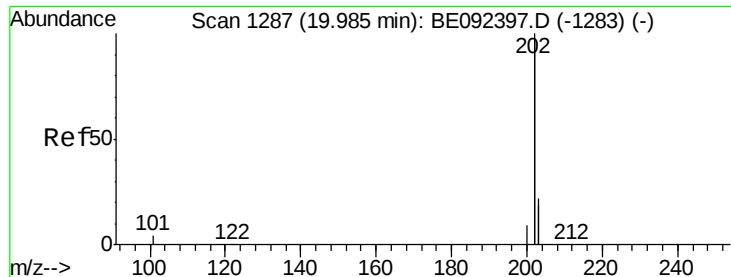


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

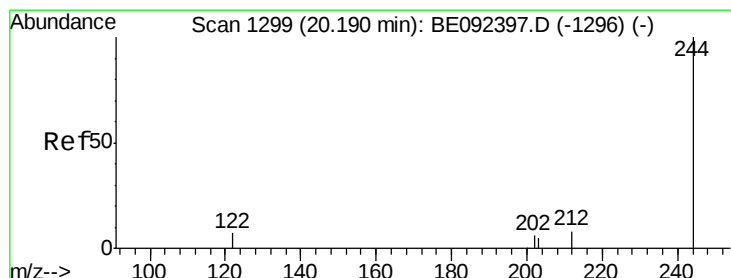
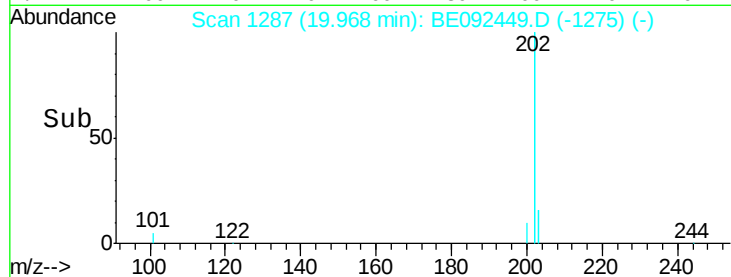
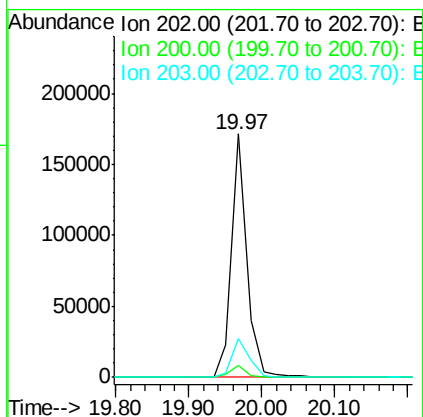
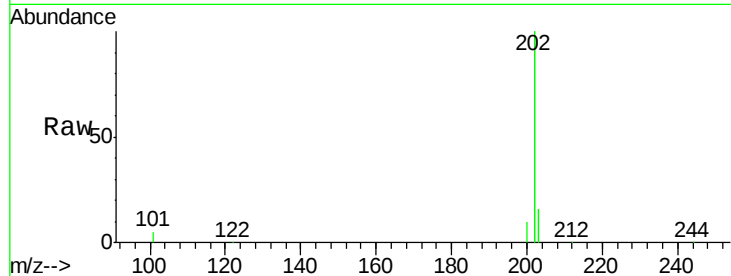




#25
 Pyrene
 Concen: 3.45 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

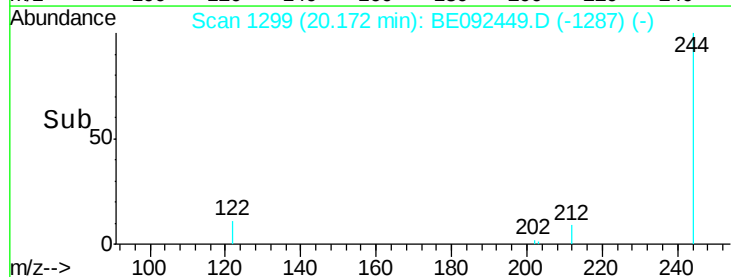
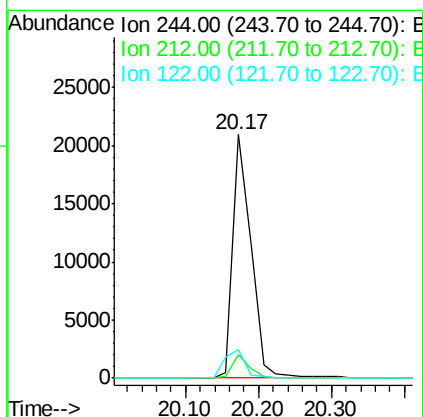
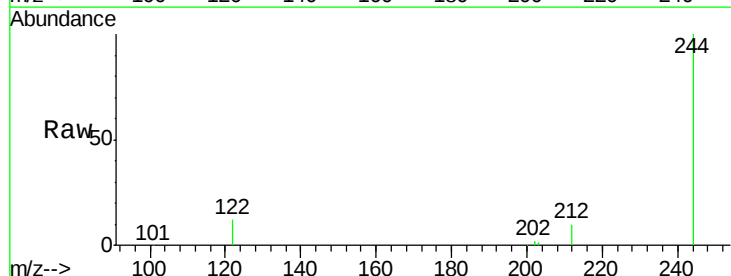
Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

Tgt Ion: 202 Resp: 248020
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.8 13.9 20.9



#26
 Terphenyl-d14
 Concen: 3.44 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

Tgt Ion: 244 Resp: 35353
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.7 10.1
 122 11.9 3.6 5.4#

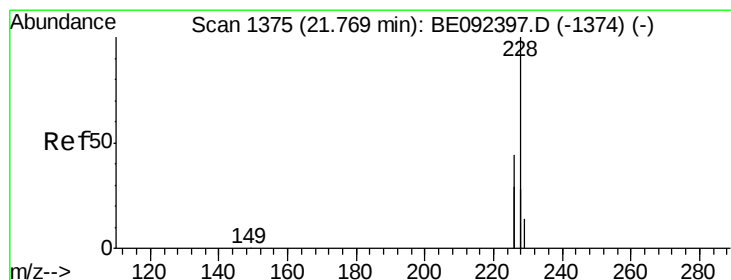
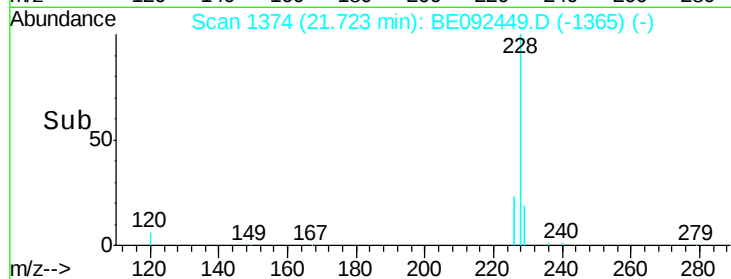
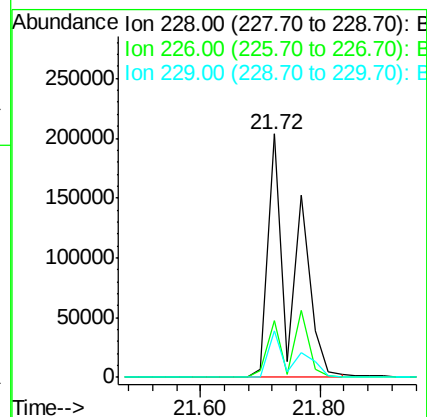
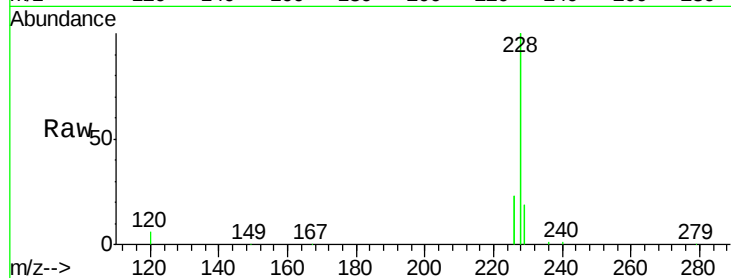




#27
Benzo(a)anthracene
Concen: 7.06 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

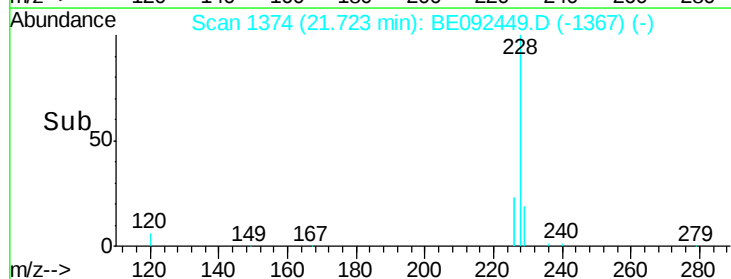
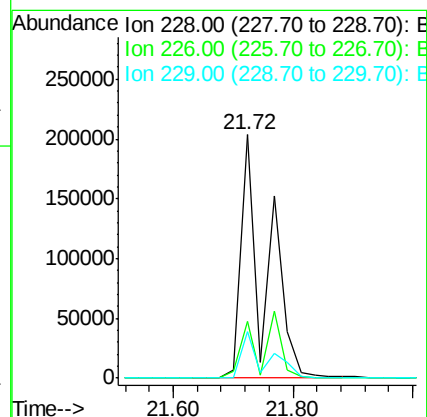
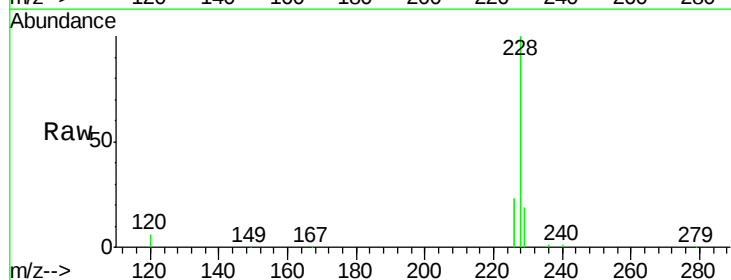
Instrument :
BNA_E
ClientSampleId :
PB93505BS

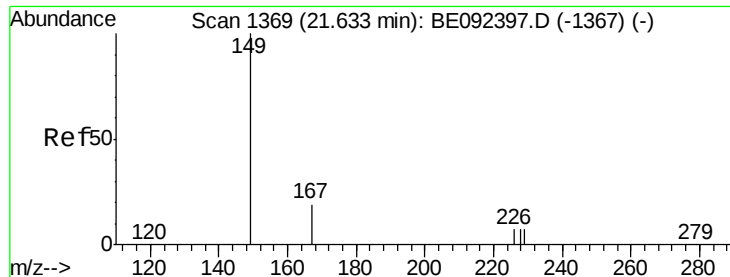
Tgt Ion:228 Resp: 570116
Ion Ratio Lower Upper
228 100
226 23.2 23.6 35.4#
229 19.0 13.3 19.9



#28
Chrysene
Concen: 7.75 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

Tgt Ion:228 Resp: 573360
Ion Ratio Lower Upper
228 100
226 23.2 36.3 54.5#
229 19.0 10.6 16.0#

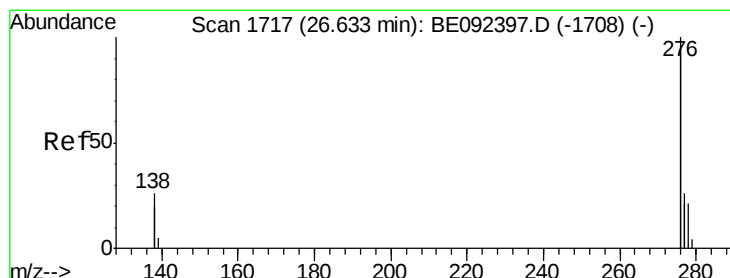
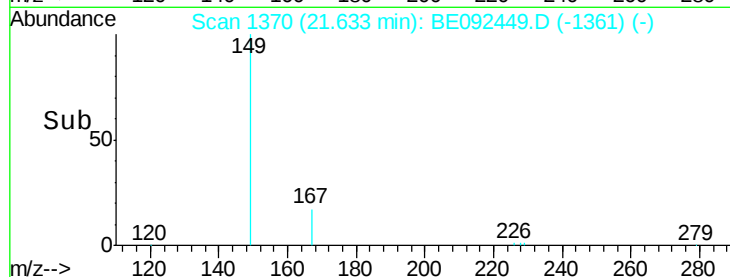
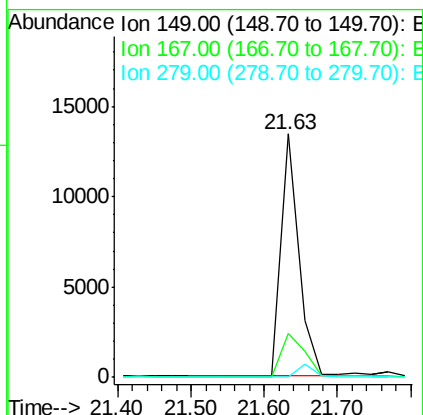
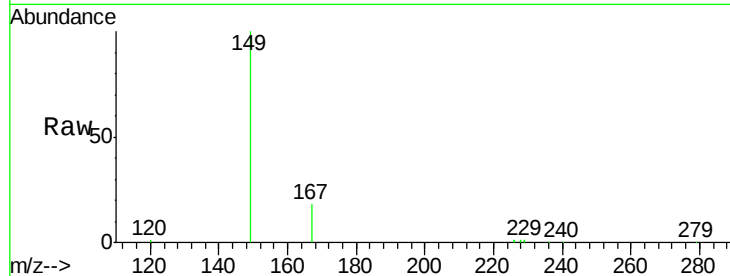




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 3.26 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

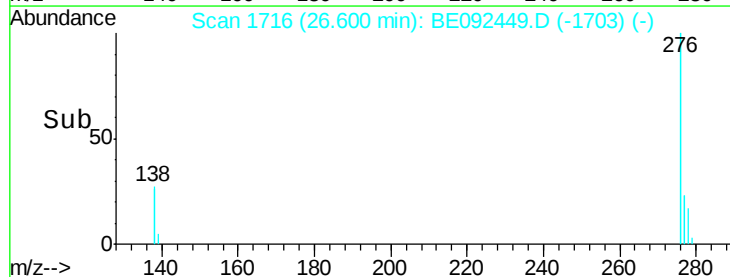
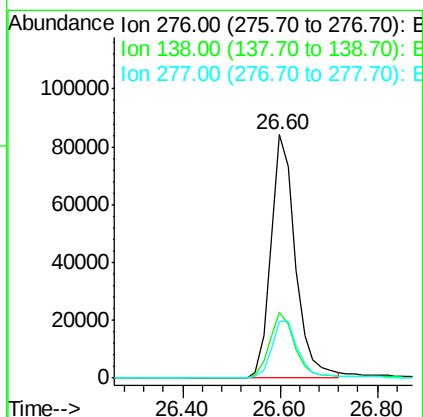
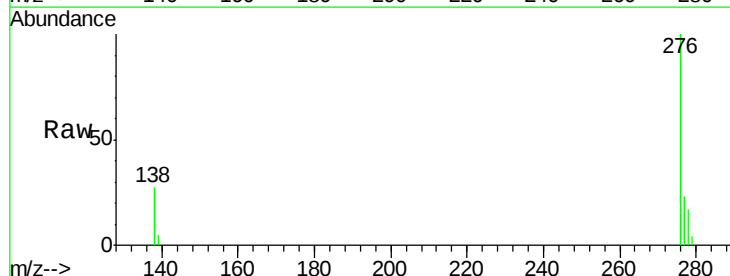
Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

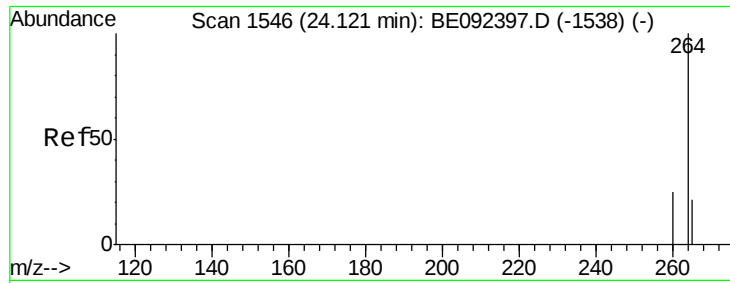
Tgt Ion:149 Resp: 22671
 Ion Ratio Lower Upper
 149 100
 167 22.7 16.0 24.0
 279 0.0 16.0 24.0#



#30
 Indeno(1,2,3-cd)pyrene
 Concen: 3.75 ng
 RT: 26.60 min Scan# 1716
 Delta R.T. 0.02 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

Tgt Ion:276 Resp: 294457
 Ion Ratio Lower Upper
 276 100
 138 27.4 20.3 30.5
 277 24.7 19.7 29.5

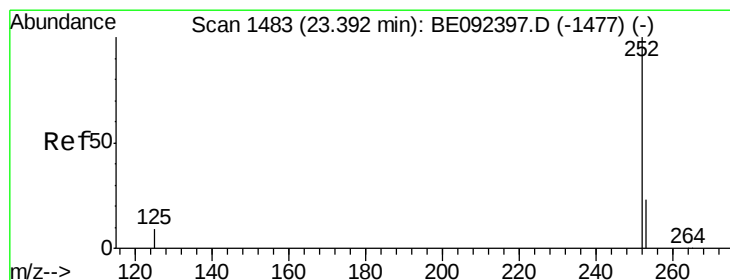
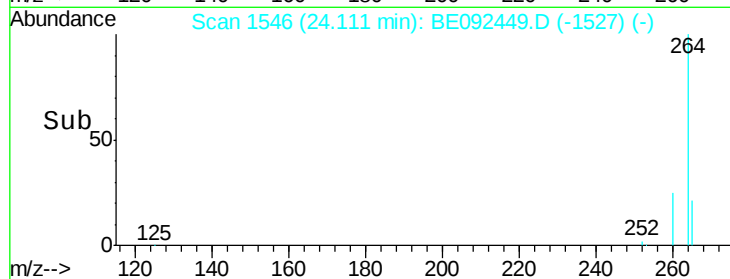
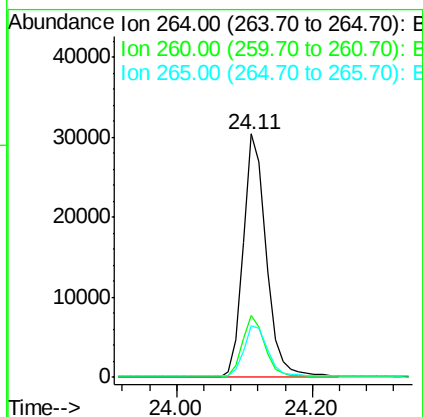
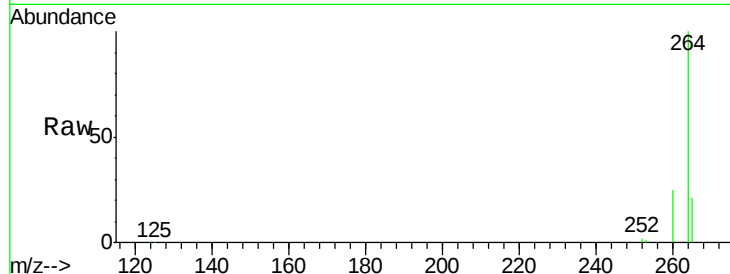




#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

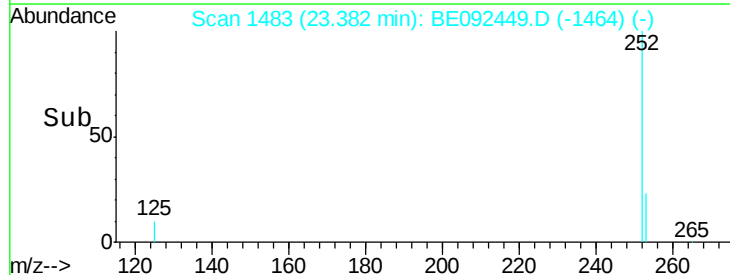
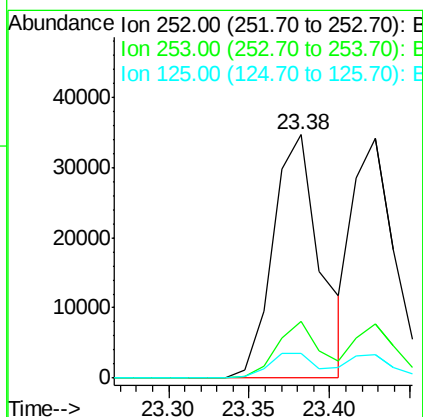
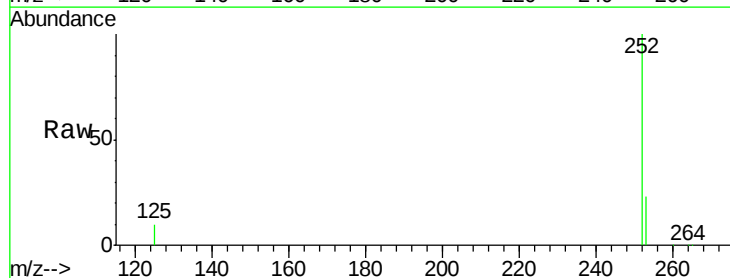
Instrument :
 BNA_E
 ClientSampleId :
 PB93505BS

Tgt Ion: 264 Resp: 70951
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 21.3 17.9 26.9



#32
 Benzo(b)fluoranthene
 Concen: 4.11 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092449.D
 Acq: 7 Oct 2016 16:31

Tgt Ion: 252 Resp: 70559
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.7 28.1
 125 9.9 10.5 15.7#





#33

Benzo(k)fluoranthene

Concen: 3.51 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

Instrument :

BNA_E

ClientSampleId :

PB93505BS

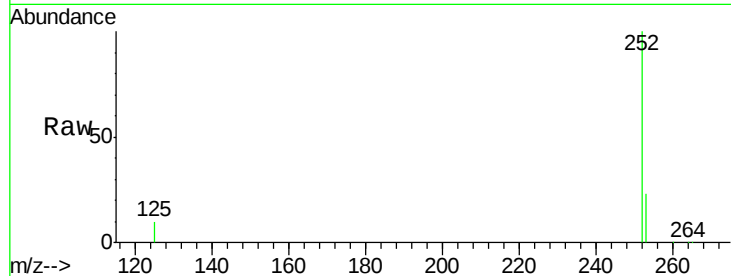
Tgt Ion:252 Resp: 63212

Ion Ratio Lower Upper

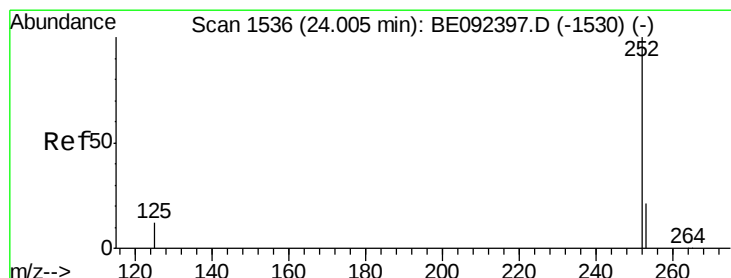
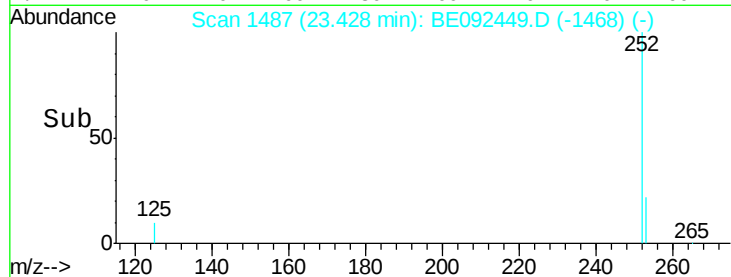
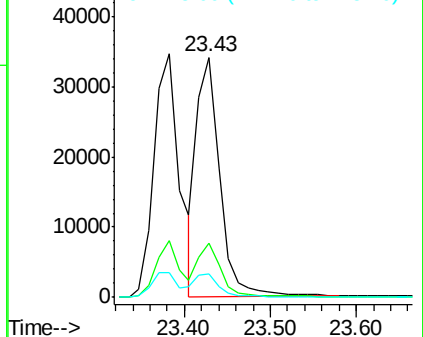
252 100

253 22.6 20.3 30.5

125 10.0 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: 3.84 ng

RT: 23.99 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092449.D

Acq: 7 Oct 2016 16:31

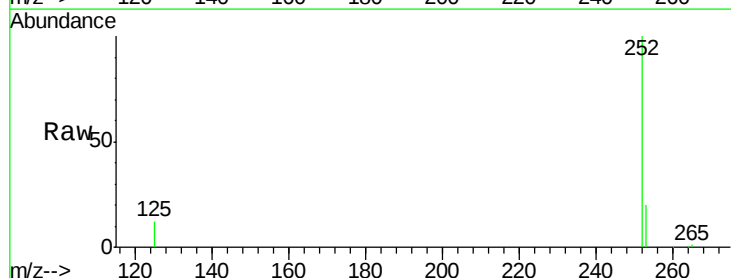
Tgt Ion:252 Resp: 64734

Ion Ratio Lower Upper

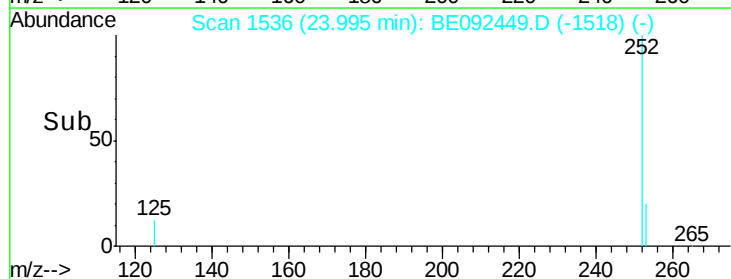
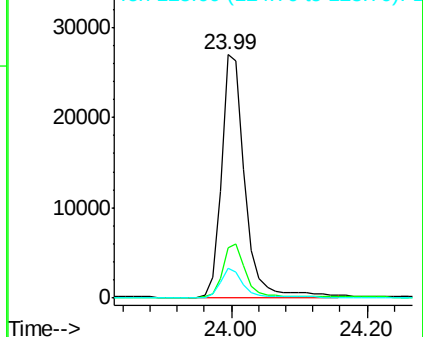
252 100

253 20.5 19.0 28.6

125 12.3 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



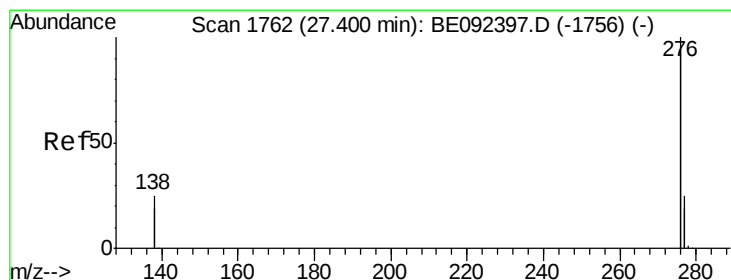
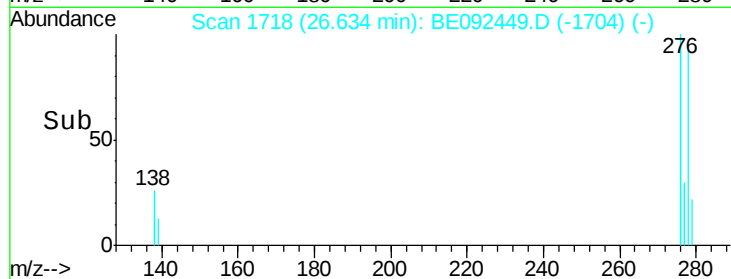
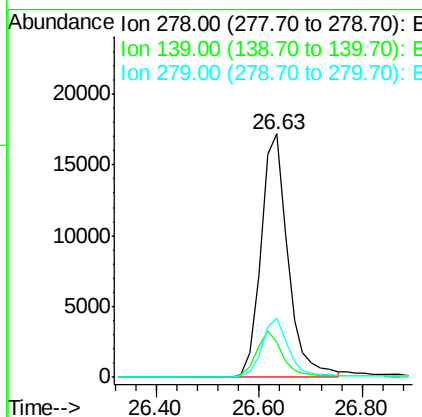
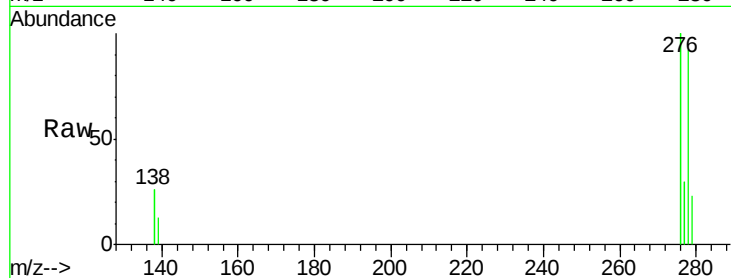


#35
Dibenzo(a,h)anthracene
Concen: 3.97 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.04 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

Instrument :
BNA_E
ClientSampleId :
PB93505BS

Tgt Ion: 278 Resp: 61227

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.8	20.8
279	24.5	21.4	32.2



#36
Benzo(g,h,i)perylene
Concen: 3.83 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.04 min
Lab File: BE092449.D
Acq: 7 Oct 2016 16:31

Tgt Ion: 276 Resp: 254003

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	21.3	19.8	29.6

