

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
 Data File : BE092367.D
 Acq On : 9 Sep 2016 22:42
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 10 03:24:46 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12033	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	60614	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	39969	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	90983	5.00	ng	0.02
24) Chrysene-d12	21.75	240	126270	5.00	ng	0.00
31) Perylene-d12	24.11	264	109412	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	1093	0.38	ng	0.00
5) Phenol-d6	7.36	99	1425	0.37	ng	0.00
8) Nitrobenzene-d5	9.34	82	1513	0.35	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	494	0.40	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	4583	0.37	ng	0.00
26) Terphenyl-d14	20.17	244	6600	0.35	ng	0.00

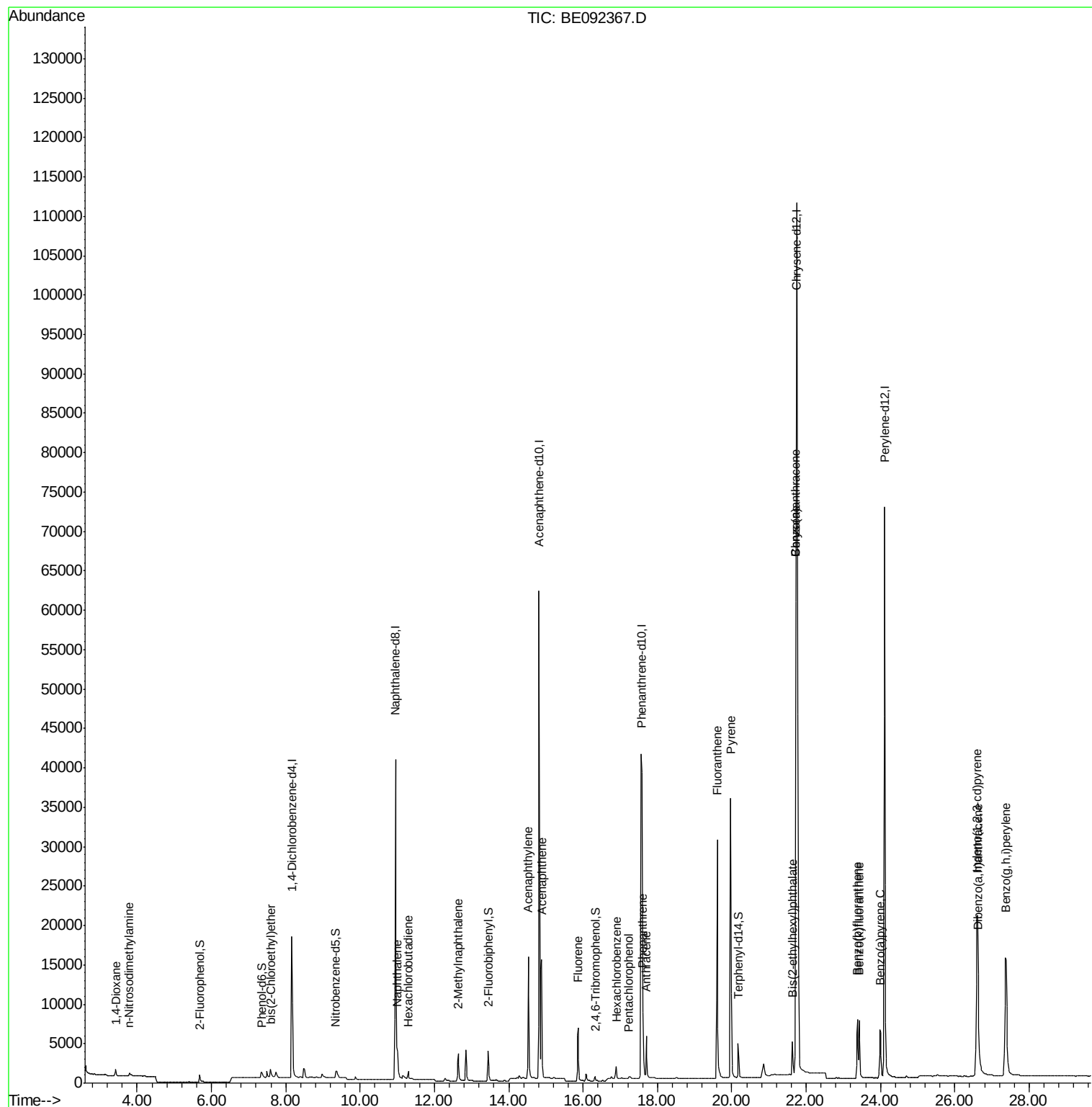
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	610	0.33	ng	95
3) n-Nitrosodimethylamine	3.79	42	609	0.39	ng	# 93
6) bis(2-Chloroethyl)ether	7.59	93	1204	0.40	ng	97
9) Naphthalene	11.01	128	5141	0.38	ng	98
10) Hexachlorobutadiene	11.30	225	793	0.37	ng	99
11) 2-Methylnaphthalene	12.64	142	3434	0.39	ng	92
15) Acenaphthylene	14.53	152	25282	0.37	ng	100
16) Acenaphthene	14.88	154	4160	0.37	ng	97
17) Fluorene	15.87	166	5164	0.37	ng	99
19) Hexachlorobenzene	16.89	284	1678	0.39	ng	# 63
20) Pentachlorophenol	17.23	266	362	0.44	ng	89
21) Phenanthrene	17.60	178	9339	0.37	ng	# 95
22) Anthracene	17.70	178	8414	0.37	ng	99
23) Fluoranthene	19.61	202	40601	0.36	ng	98
25) Pyrene	19.97	202	44308	0.36	ng	100
27) Benzo(a)anthracene	21.72	228	96814	0.71	ng	# 90
28) Chrysene	21.72	228	97415	0.68	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	5764	0.31	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.60	276	46403	0.32	ng	98
32) Benzo(b)fluoranthene	23.38	252	10951	0.39	ng	98
33) Benzo(k)fluoranthene	23.43	252	10674	0.36	ng	97
34) Benzo(a)pyrene	23.99	252	10383	0.38	ng	98
35) Dibenzo(a,h)anthracene	26.63	278	9560	0.37	ng	98
36) Benzo(g,h,i)perylene	27.37	276	40462	0.37	ng	98

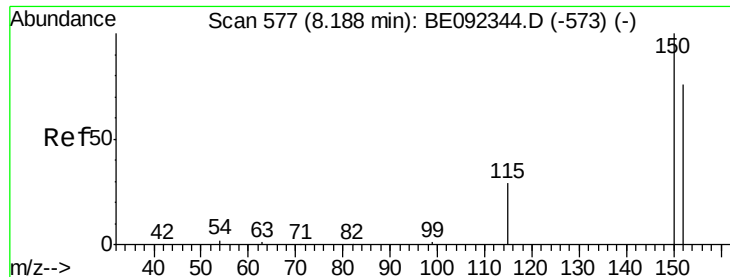
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

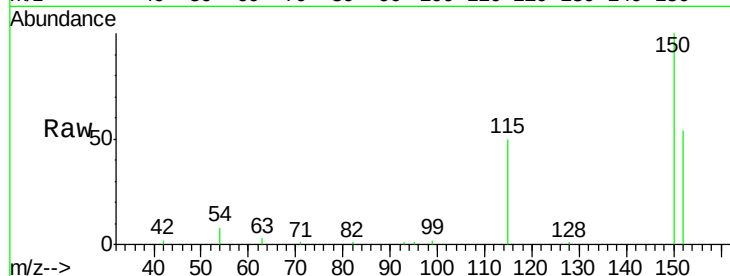
Tgt Ion:152 Resp: 12033

Ion Ratio Lower Upper

152 100

150 186.1 106.0 159.0#

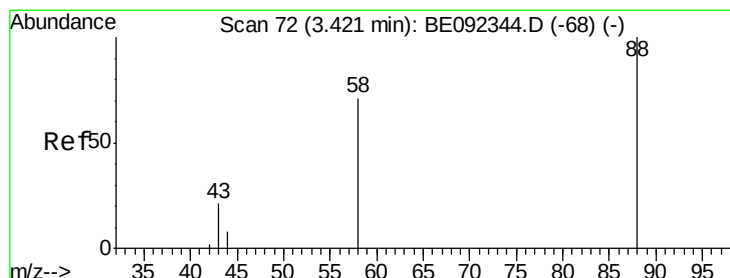
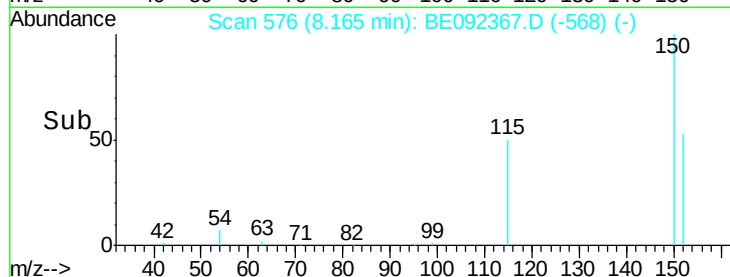
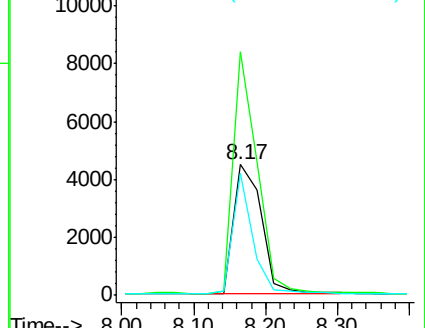
115 93.5 31.2 46.8#



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: 0.33 ng

RT: 3.42 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

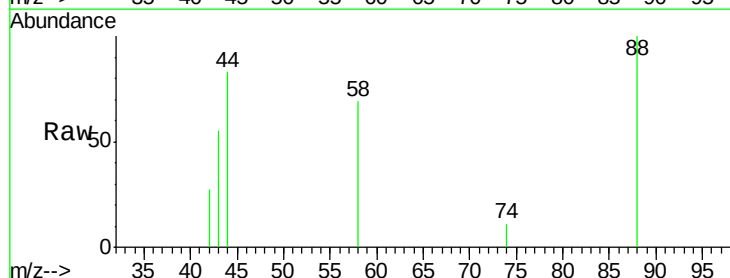
Tgt Ion: 88 Resp: 610

Ion Ratio Lower Upper

88 100

58 83.6 63.6 95.4

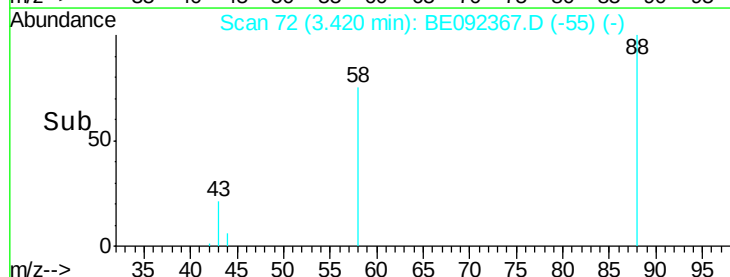
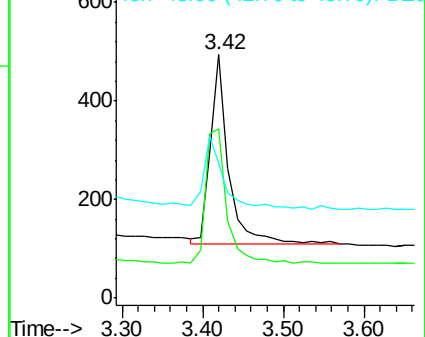
43 38.9 28.0 42.0

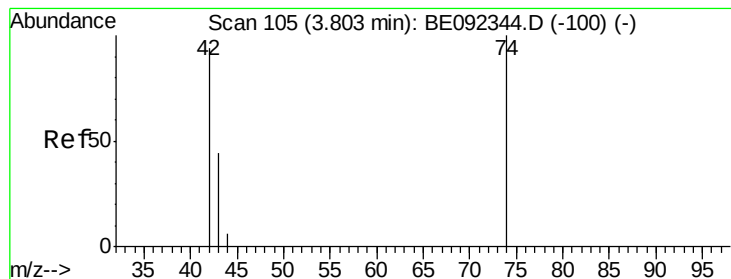


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.79 min Scan# 104

Delta R.T. -0.01 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

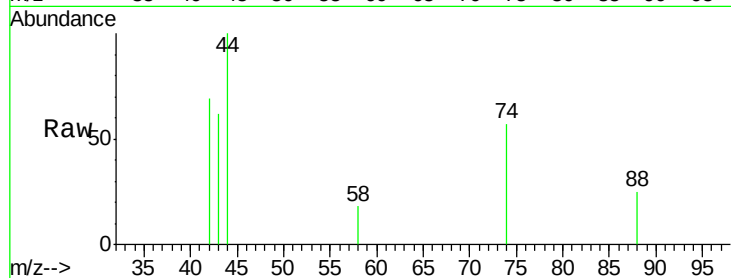
Tgt Ion: 42 Resp: 609

Ion Ratio Lower Upper

42 100

74 113.1 86.0 129.0

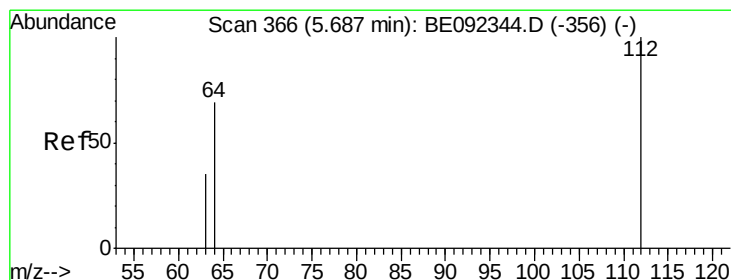
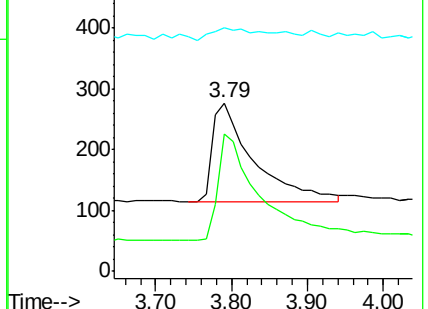
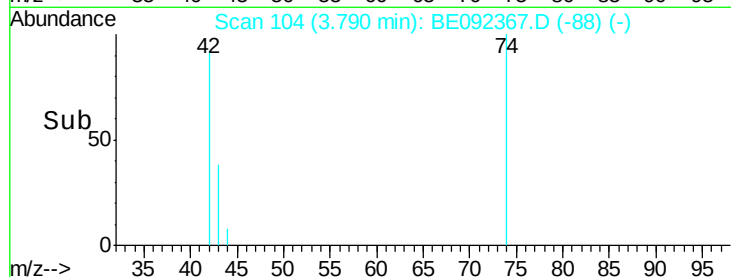
44 18.7 5.1 7.7#



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: 0.38 ng

RT: 5.68 min Scan# 365

Delta R.T. -0.01 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

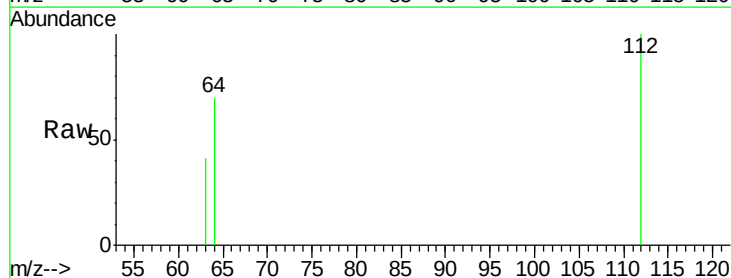
Tgt Ion: 112 Resp: 1093

Ion Ratio Lower Upper

112 100

64 67.3 53.5 80.3

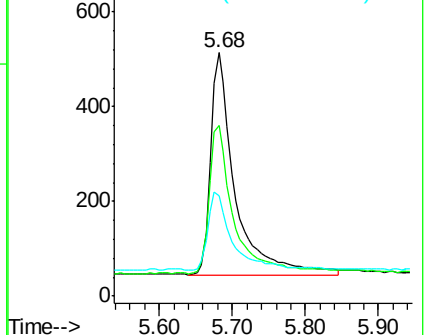
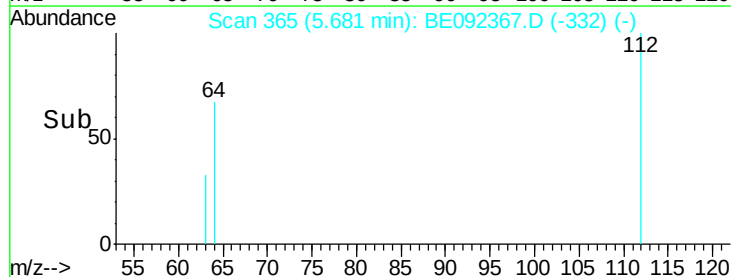
63 36.0 27.9 41.9

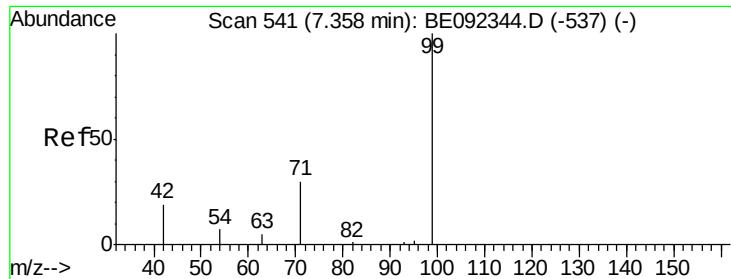


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

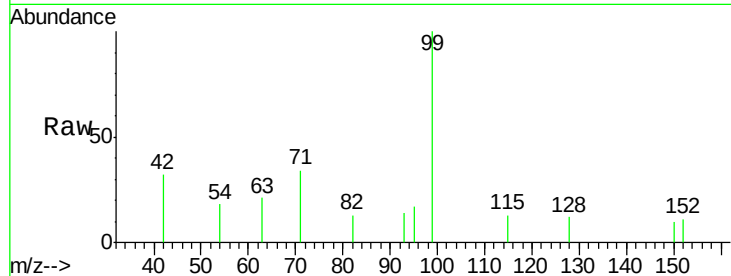
Tgt Ion: 99 Resp: 1425

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

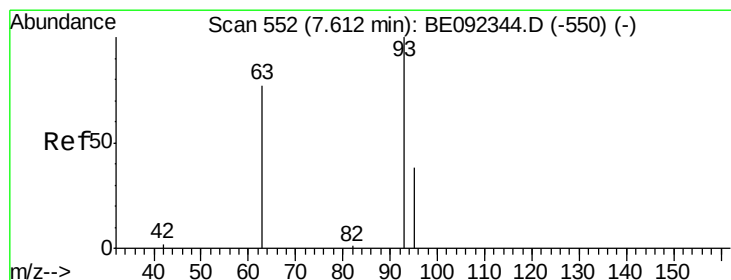
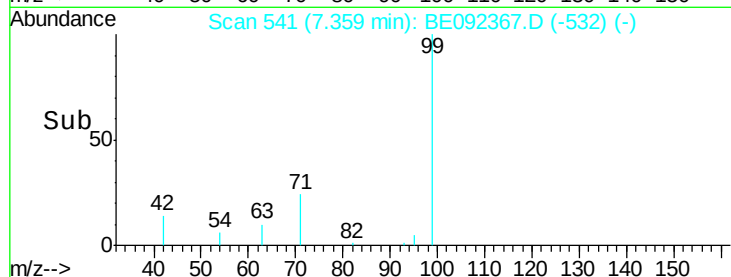
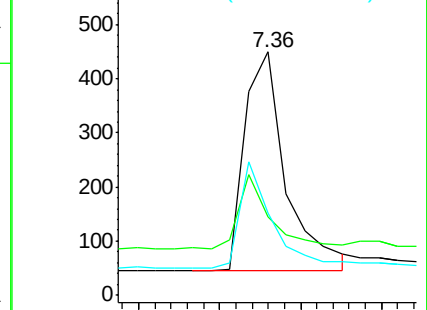
71 0.0 30.6 45.8#



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: 0.40 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

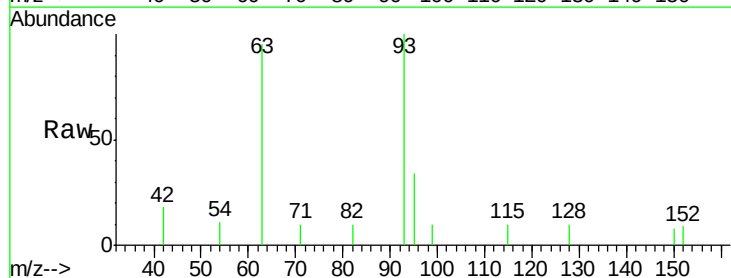
Tgt Ion: 93 Resp: 1204

Ion Ratio Lower Upper

93 100

63 87.7 71.6 107.4

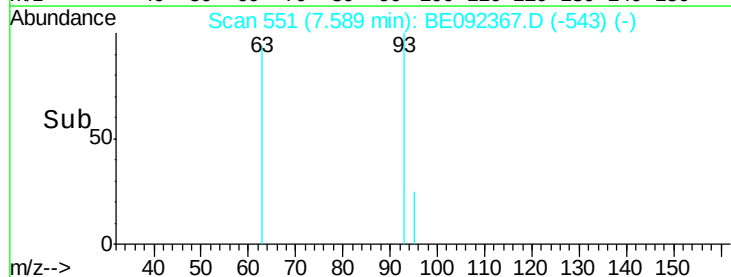
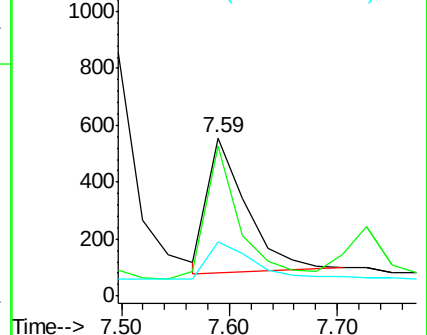
95 32.7 24.0 36.0

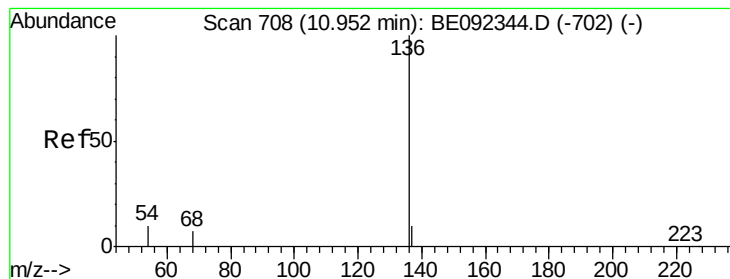


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092367.D

Acq: 9 Sep 2016 22:42

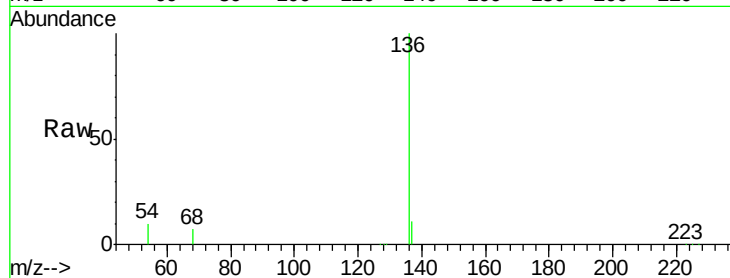
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	136	Resp:	60614
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	9.5	9.6	14.4#
68	6.9	6.7	10.1

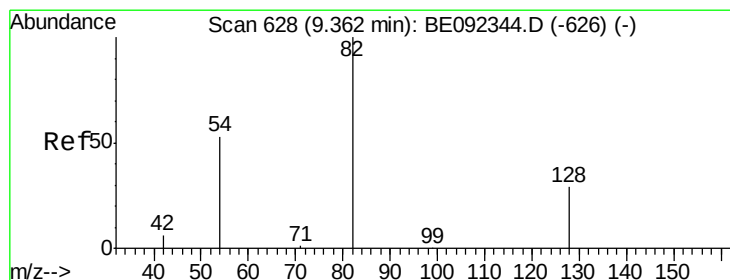
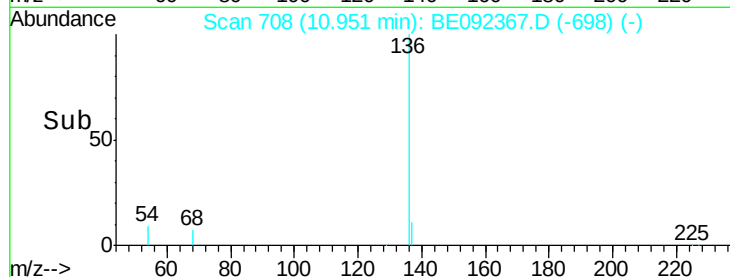
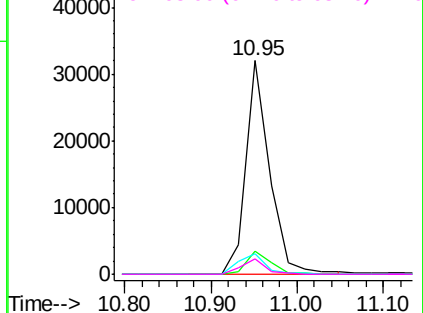


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.35 ng

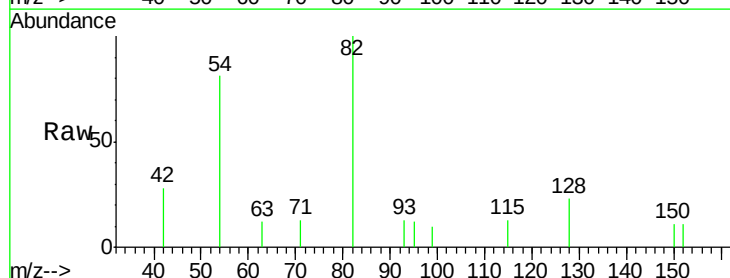
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

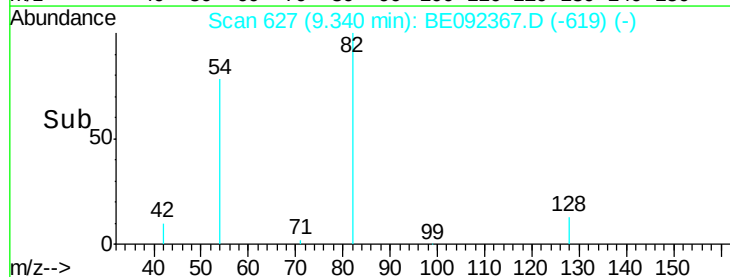
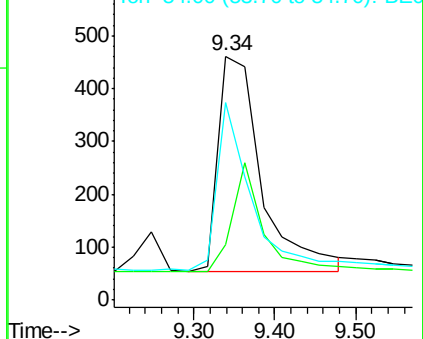
Tgt Ion:	82	Resp:	1513
Ion	Ratio	Lower	Upper
82	100		
128	23.0	39.0	58.4#
54	81.1	44.8	67.2#

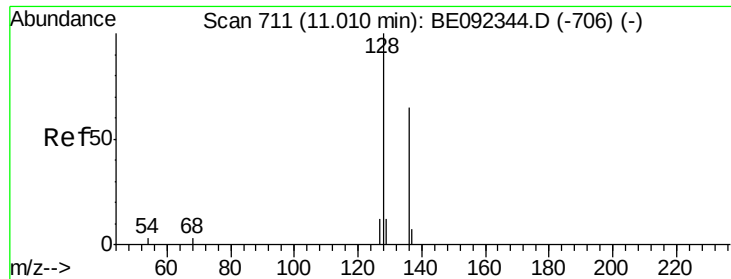


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

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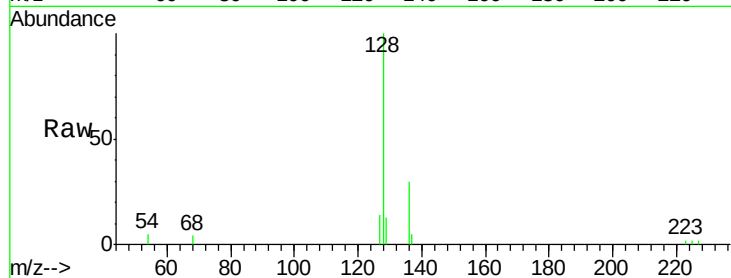
Tgt Ion:128 Resp: 5141

Ion Ratio Lower Upper

128 100

129 13.4 11.2 16.8

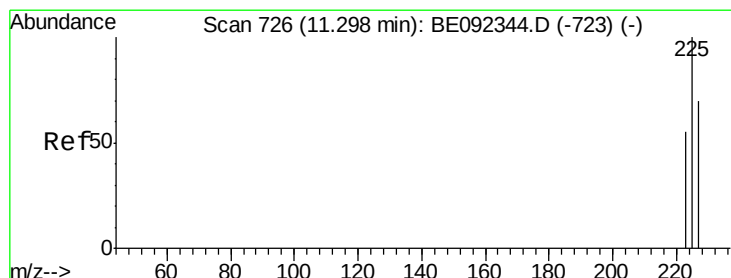
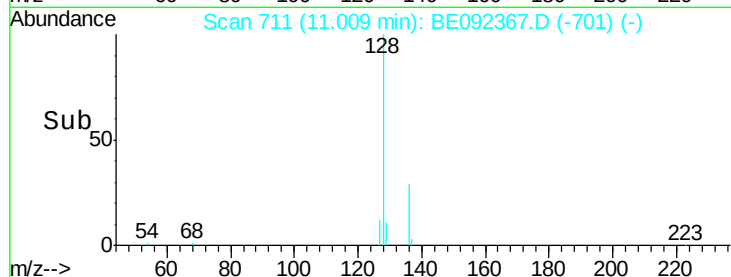
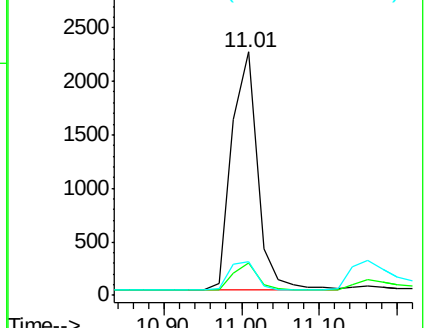
127 13.6 11.6 17.4



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: 0.37 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

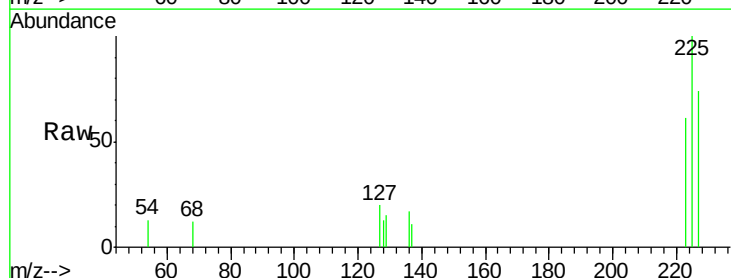
Tgt Ion:225 Resp: 793

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

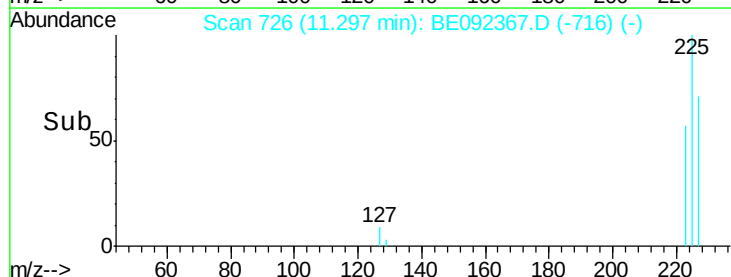
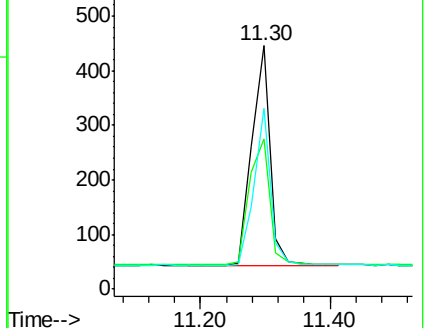
227 65.2 51.4 77.0

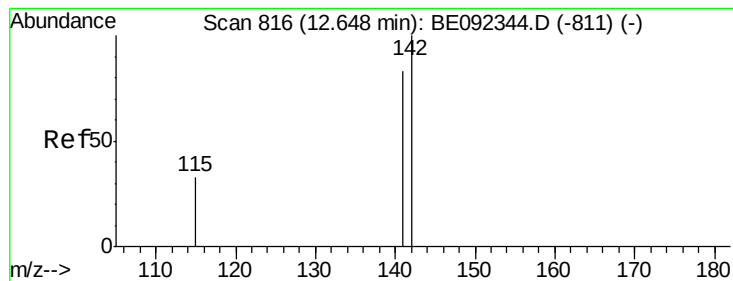


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

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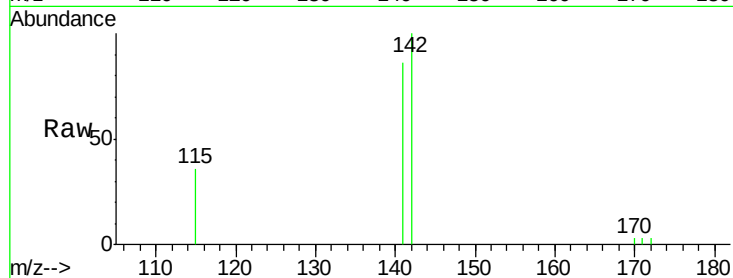
Tgt Ion:142 Resp: 3434

Ion Ratio Lower Upper

142 100

141 85.9 73.7 110.5

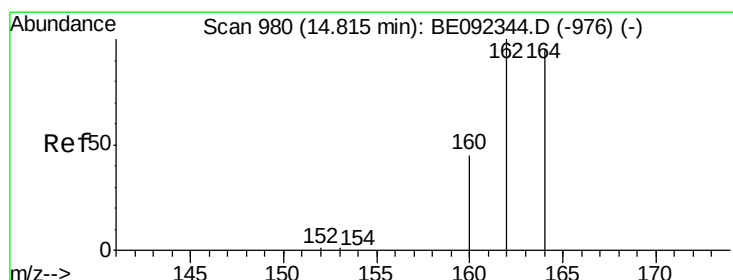
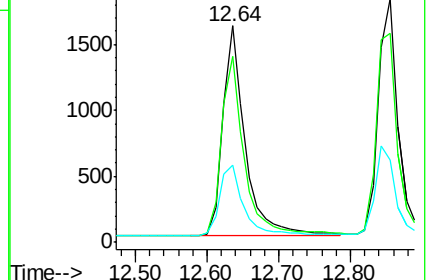
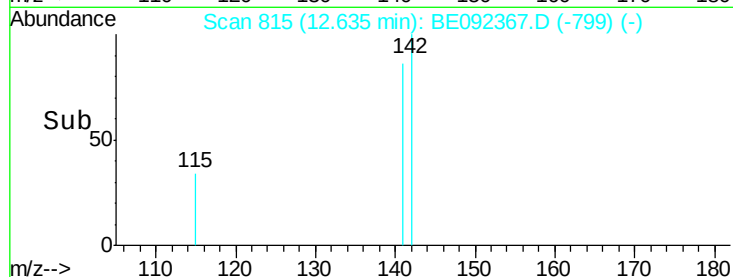
115 35.7 34.0 51.0



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: BE092367.D

Acq: 9 Sep 2016 22:42

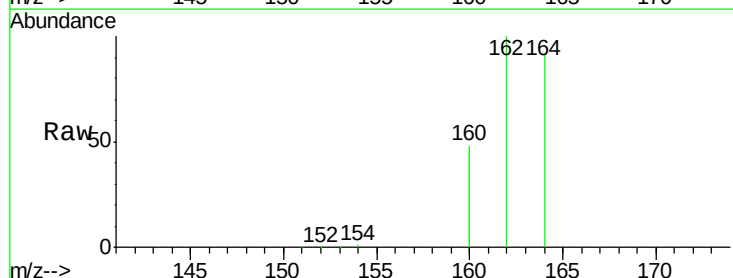
Tgt Ion:164 Resp: 39969

Ion Ratio Lower Upper

164 100

162 110.2 71.4 107.0#

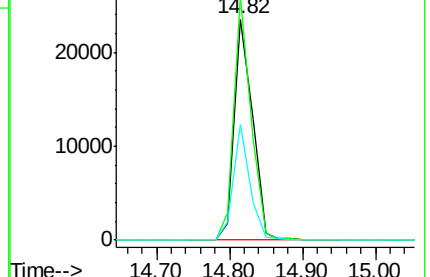
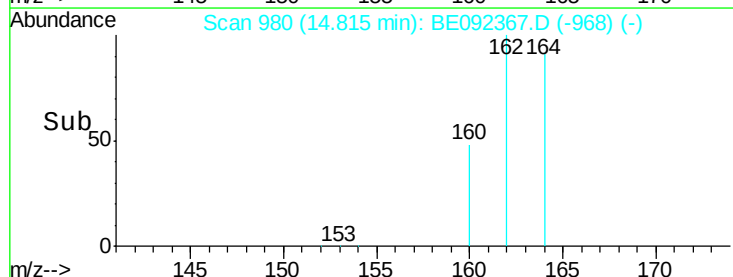
160 52.5 27.4 41.2#

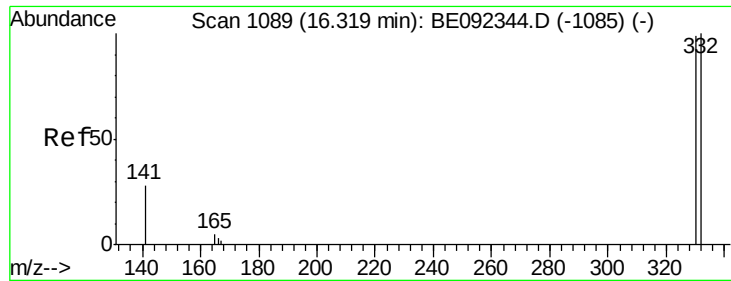


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

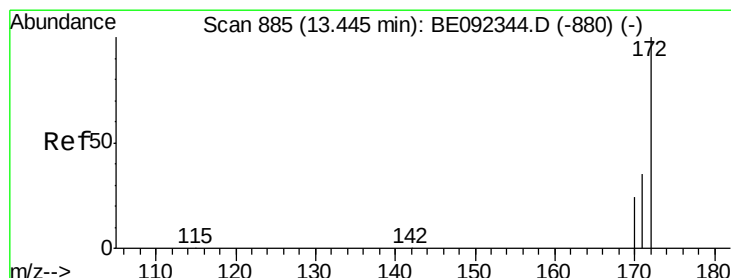
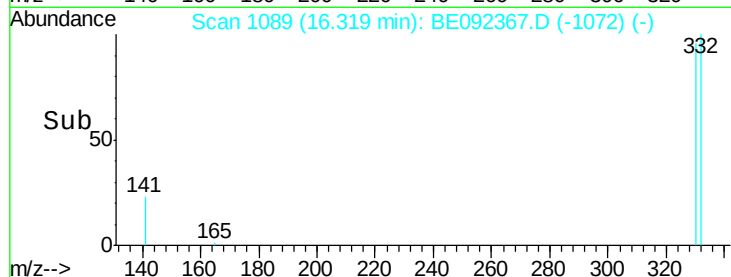
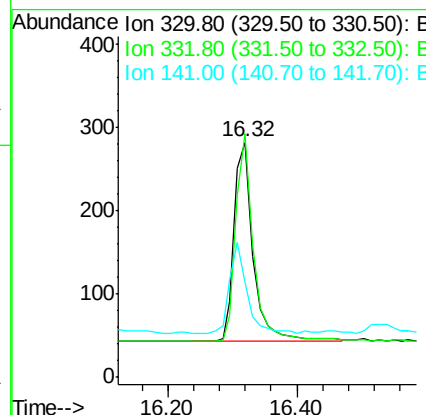
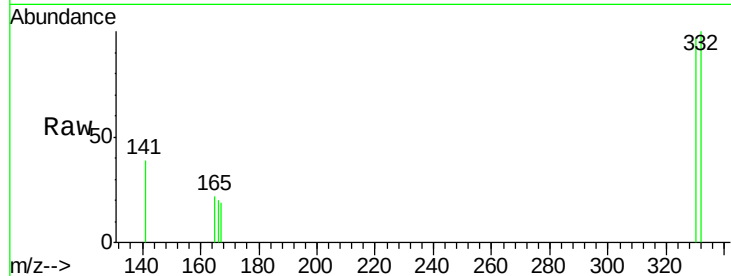




#13
 2,4,6-Tribromophenol
 Concen: 0.40 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

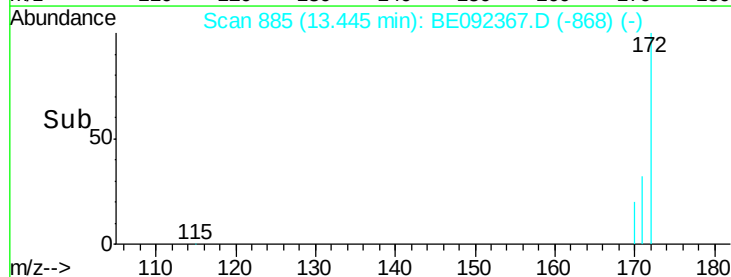
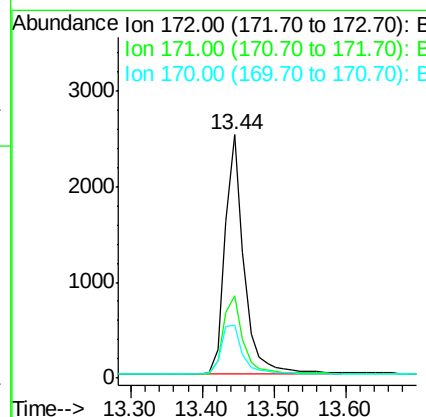
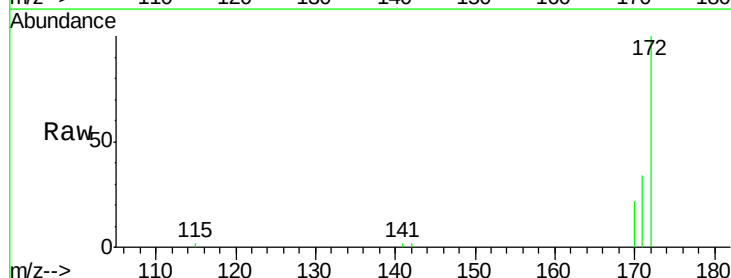
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

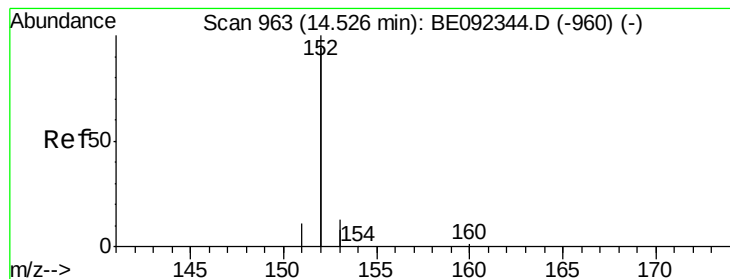
Tgt Ion: 330 Resp: 494
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 41.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

Tgt Ion: 172 Resp: 4583
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.1 45.1
 170 21.7 21.8 32.6#





#15

Acenaphthylene

Concen: 0.37 ng

RT: 14.53 min Scan# 963

Delta R.T. -0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

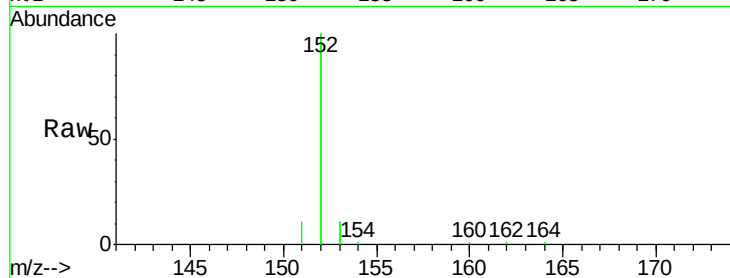
Tgt Ion:152 Resp: 25282

Ion Ratio Lower Upper

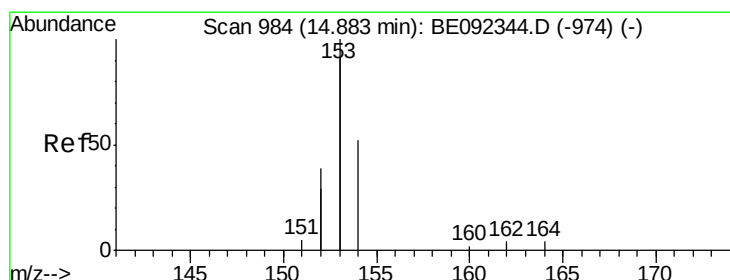
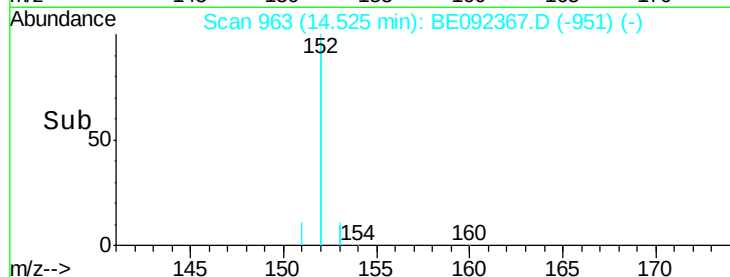
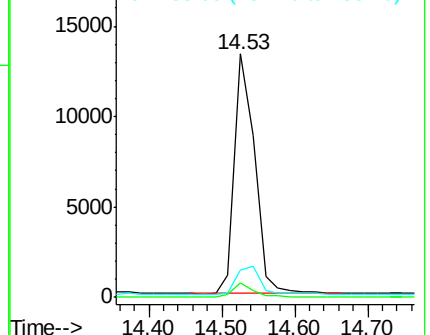
152 100

151 4.9 3.9 5.9

153 13.0 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: 0.37 ng

RT: 14.88 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

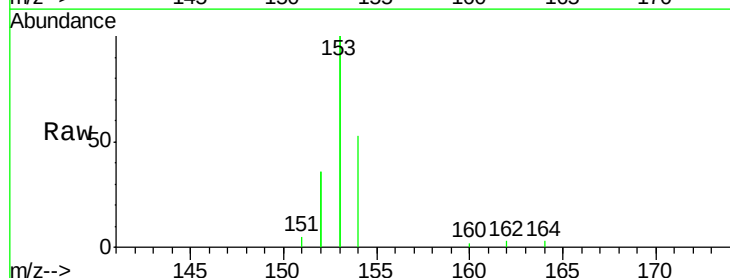
Tgt Ion:154 Resp: 4160

Ion Ratio Lower Upper

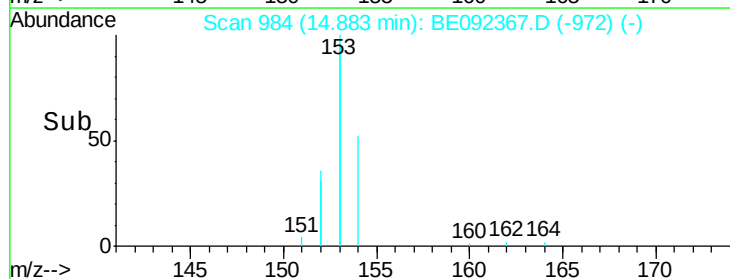
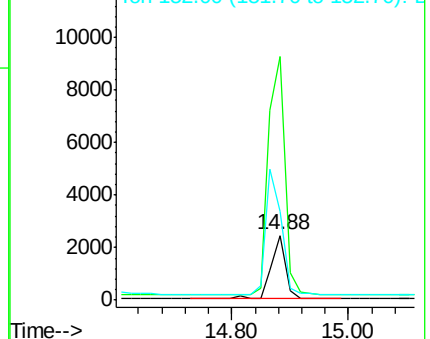
154 100

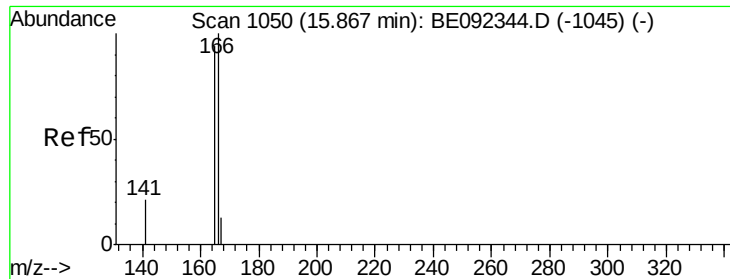
153 430.4 350.8 526.2

152 211.6 171.1 256.7



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: 0.37 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

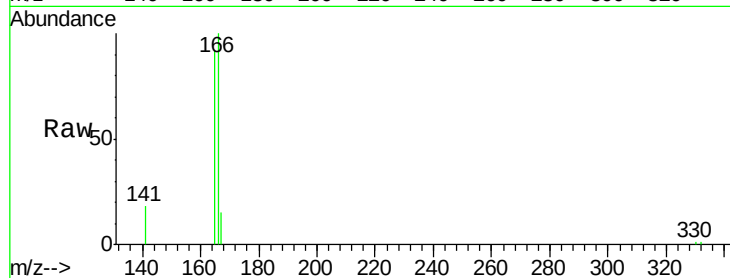
Tgt Ion:166 Resp: 5164

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

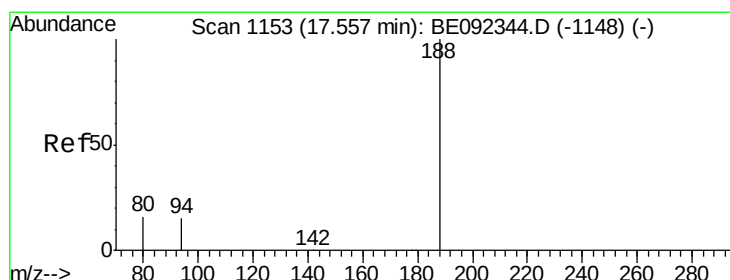
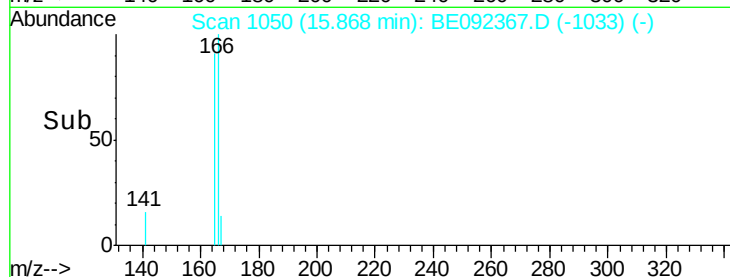
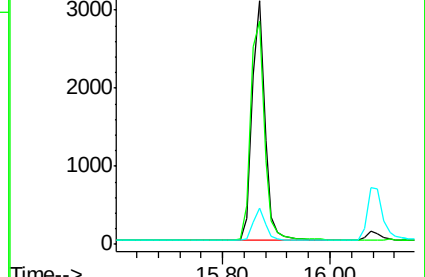
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

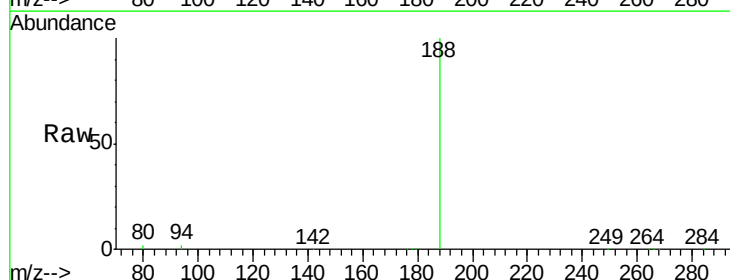
Tgt Ion:188 Resp: 90983

Ion Ratio Lower Upper

188 100

94 2.4 3.2 4.8#

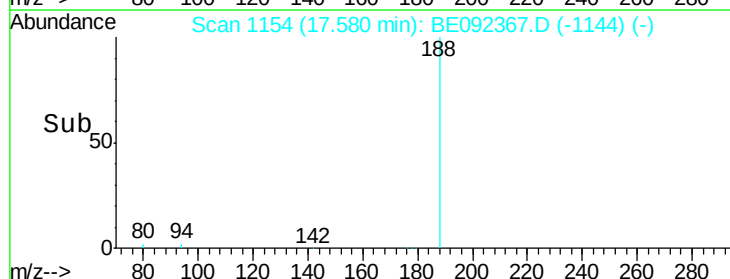
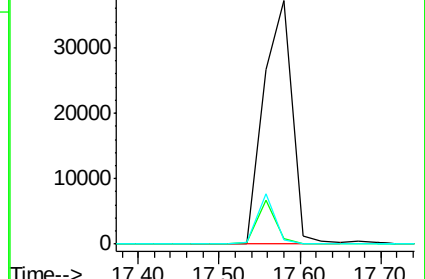
80 2.0 2.6 3.8#

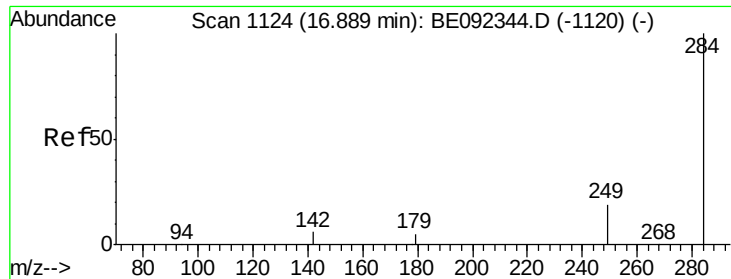


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

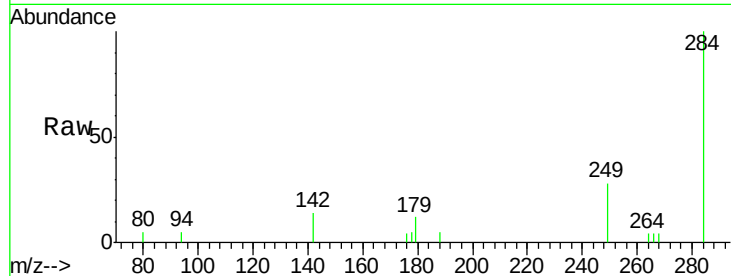




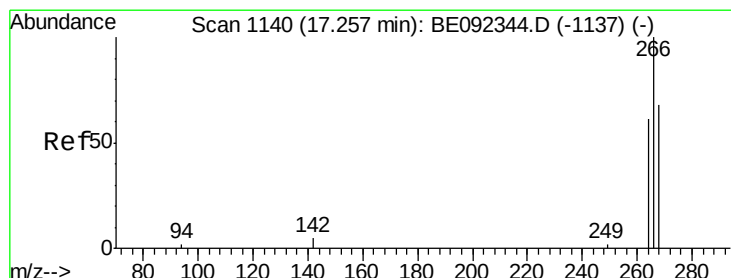
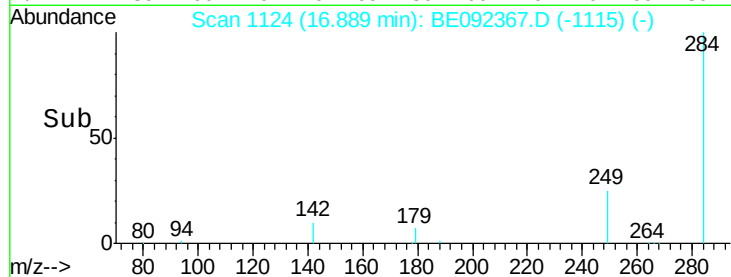
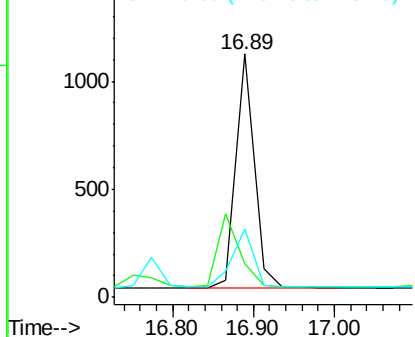
#19
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092367.D
Acq: 9 Sep 2016 22:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 1678
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 28.8 27.9 41.9

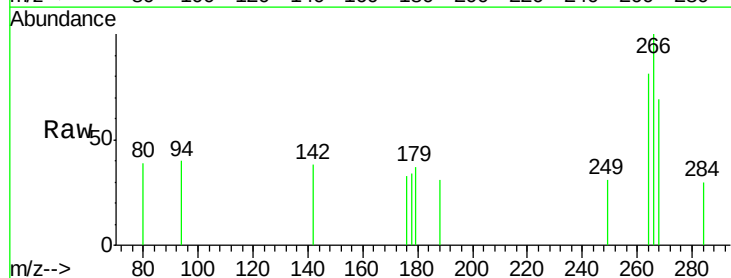


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

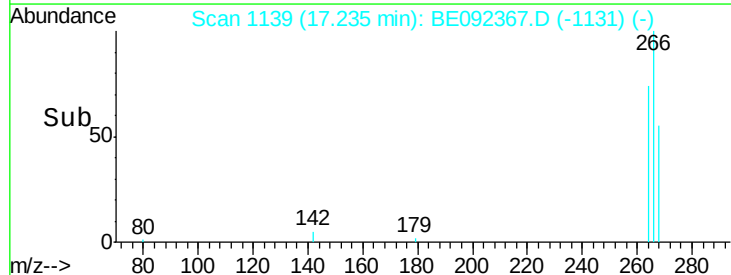
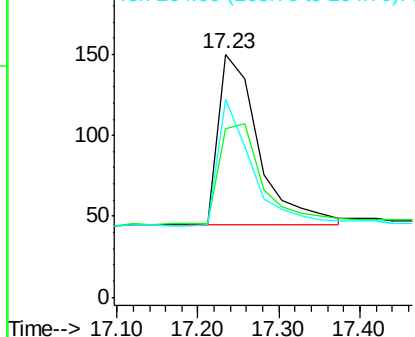


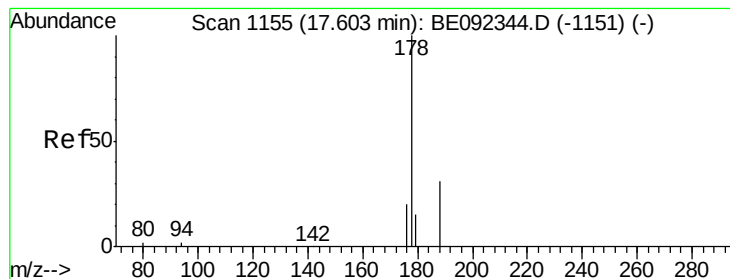
#20
Pentachlorophenol
Concen: 0.44 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092367.D
Acq: 9 Sep 2016 22:42

Tgt Ion: 266 Resp: 362
Ion Ratio Lower Upper
266 100
268 69.3 62.5 93.7
264 81.3 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: 0.37 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

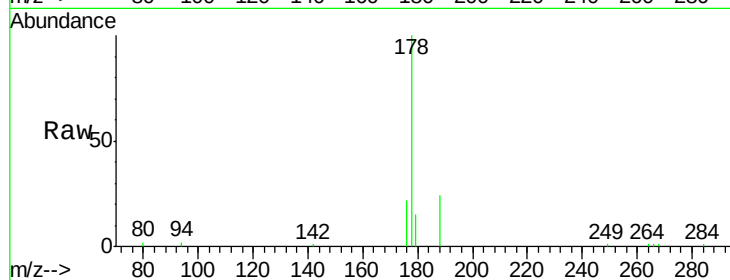
Tgt Ion:178 Resp: 9339

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

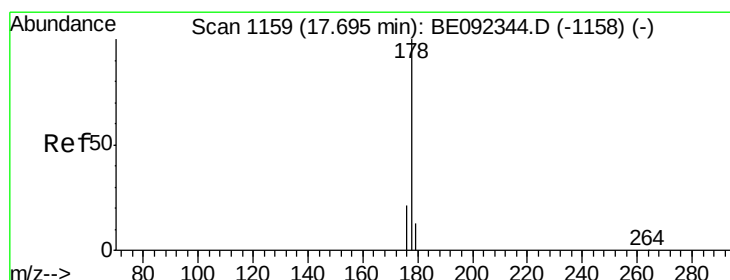
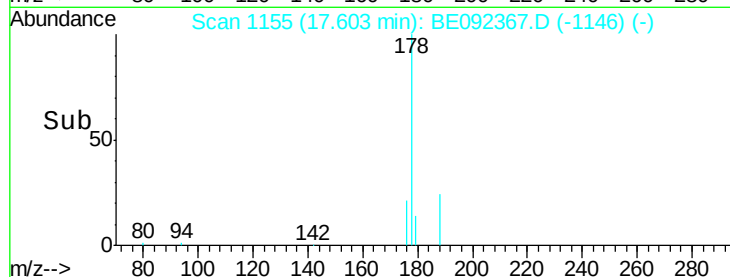
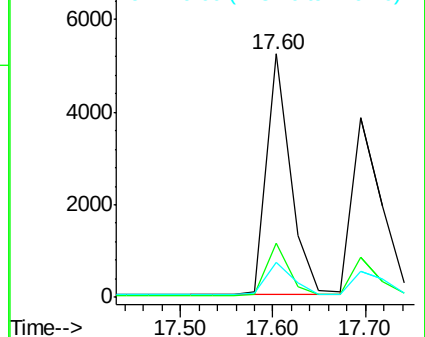
179 15.5 16.0 24.0#



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: 0.37 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

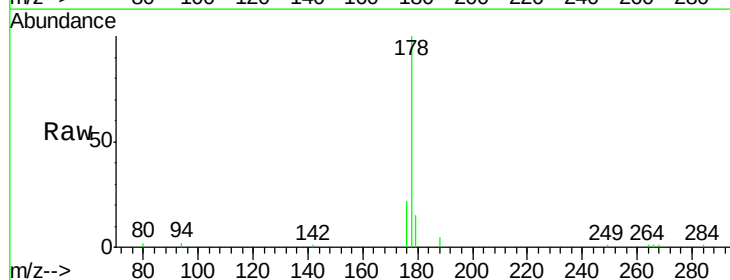
Tgt Ion:178 Resp: 8414

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

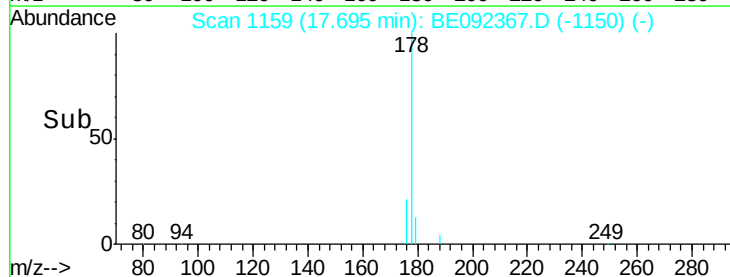
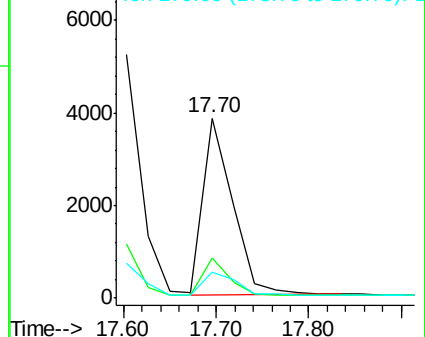
179 14.8 12.2 18.2

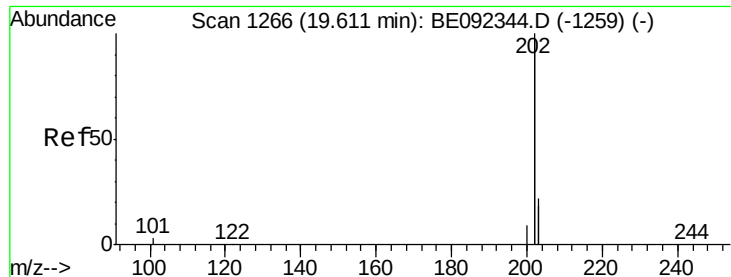


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.36 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

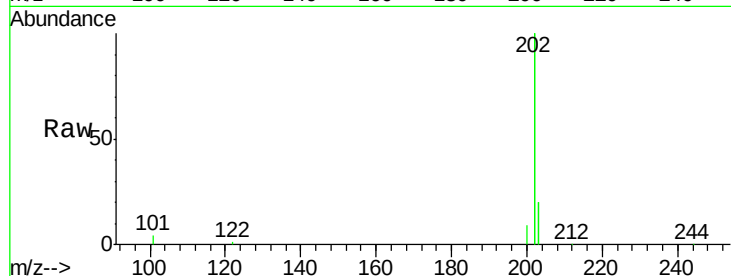
Tgt Ion:202 Resp: 40601

Ion Ratio Lower Upper

202 100

101 2.9 2.2 3.4

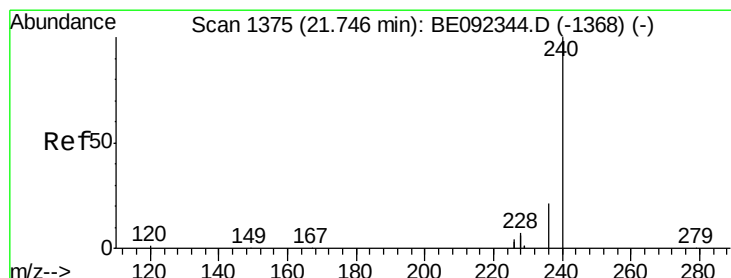
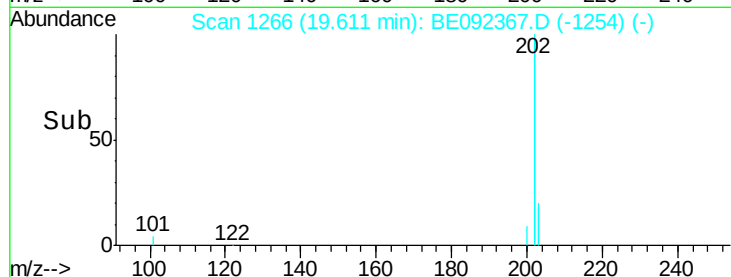
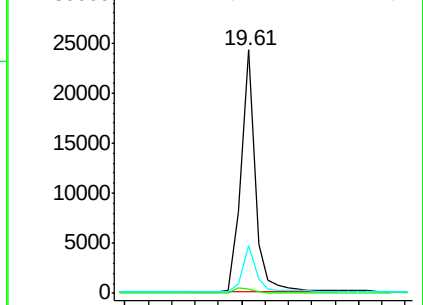
203 17.9 13.7 20.5



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: BE092367.D

Acq: 9 Sep 2016 22:42

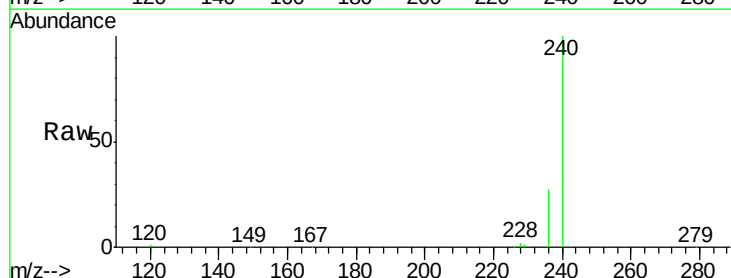
Tgt Ion:240 Resp: 126270

Ion Ratio Lower Upper

240 100

120 1.5 2.6 4.0#

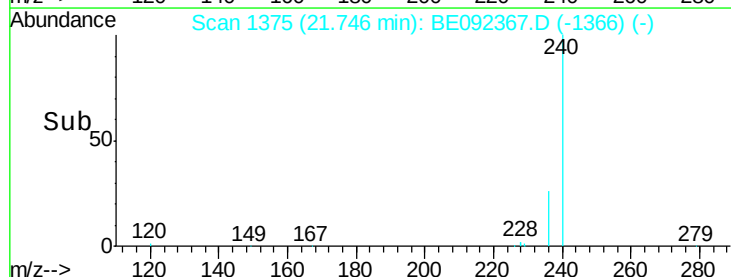
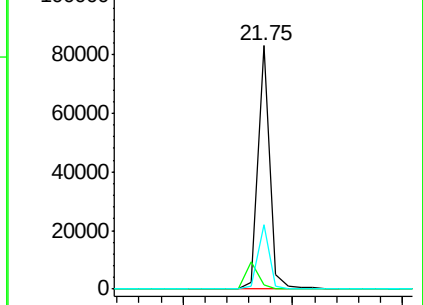
236 26.5 24.6 37.0

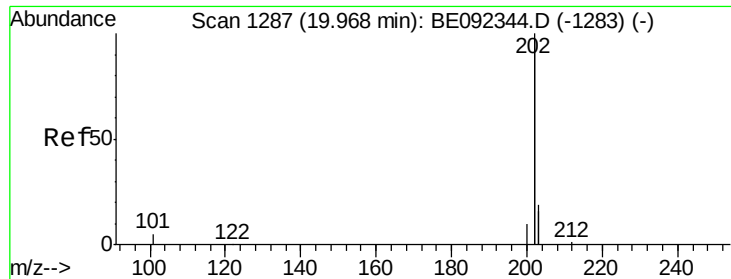


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

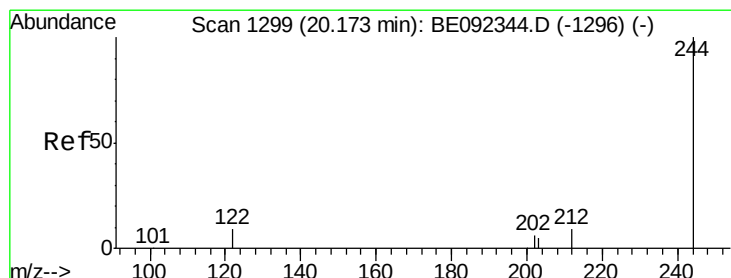
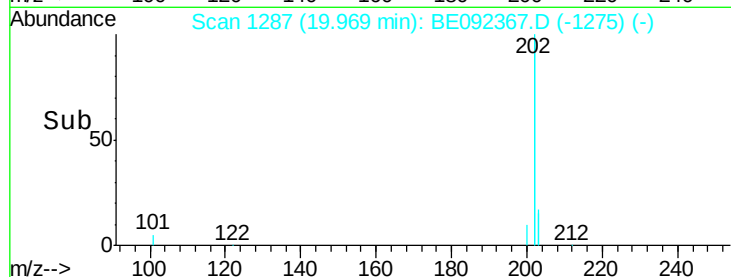
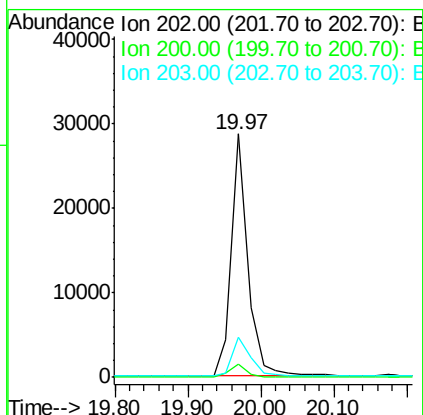
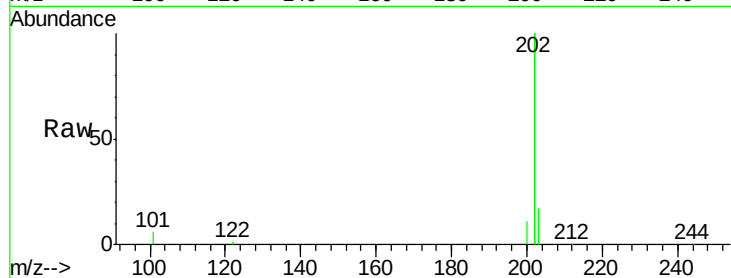




#25
 Pyrene
 Concen: 0.36 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

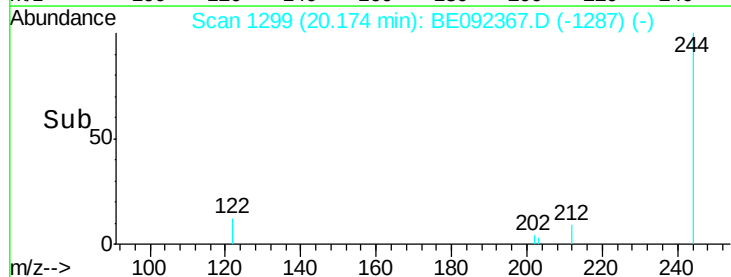
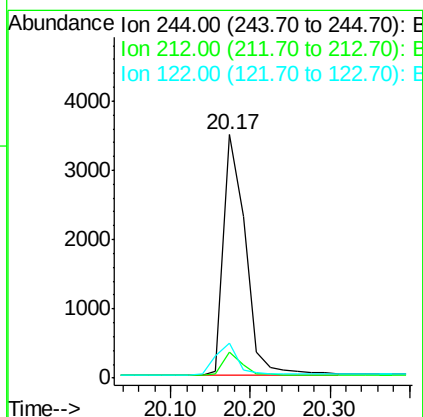
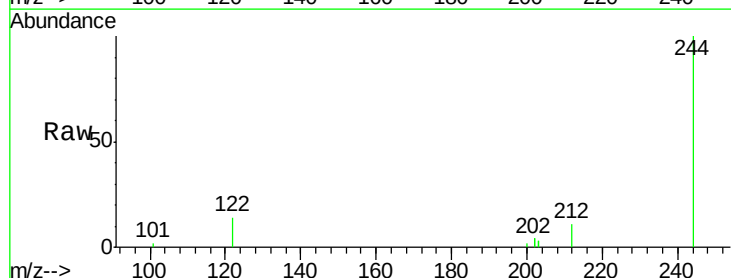
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

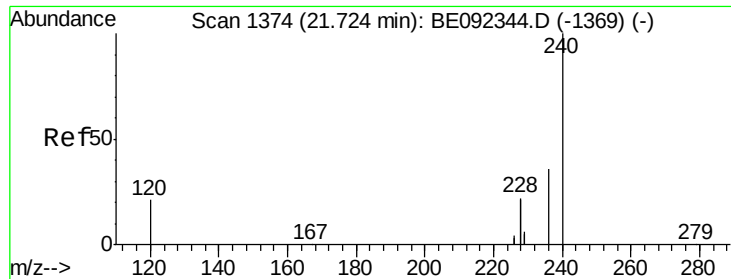
Tgt Ion: 202 Resp: 44308
 Ion Ratio Lower Upper
 202 100
 200 5.2 4.2 6.4
 203 17.6 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.35 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

Tgt Ion: 244 Resp: 6600
 Ion Ratio Lower Upper
 244 100
 212 10.8 6.7 10.1#
 122 14.5 3.6 5.4#

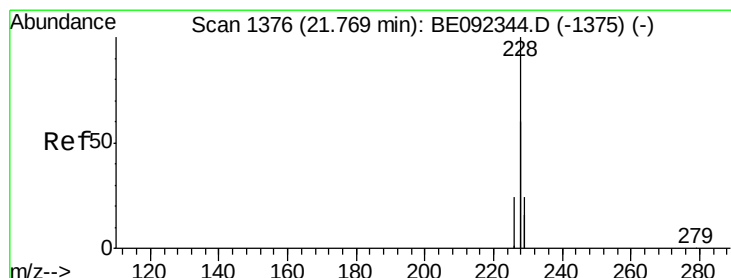
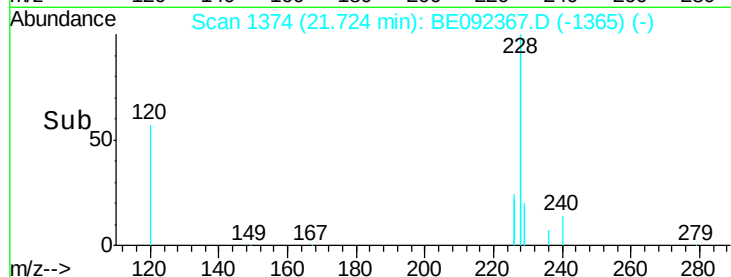
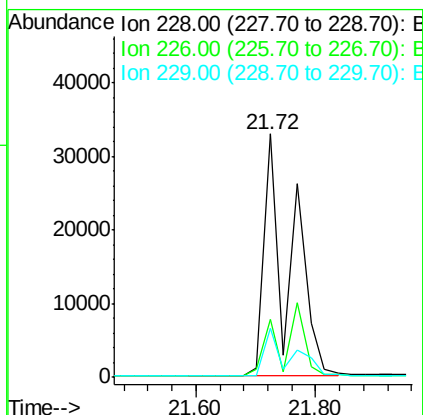
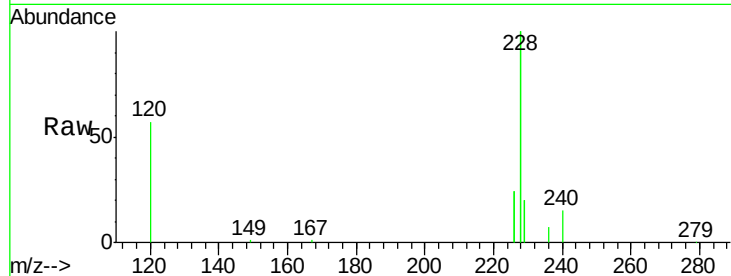




#27
Benzo(a)anthracene
Concen: 0.71 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092367.D
Acq: 9 Sep 2016 22:42

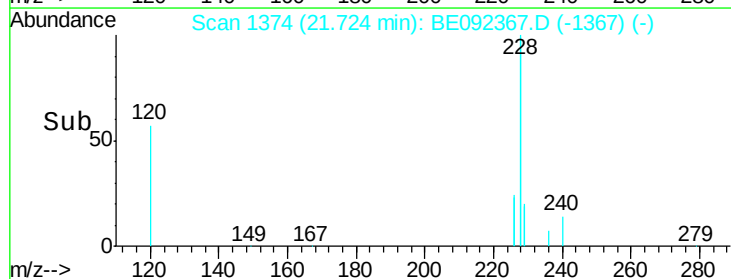
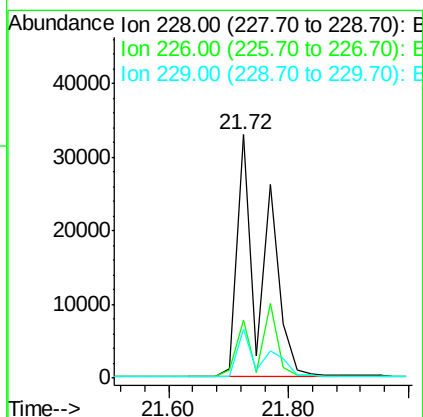
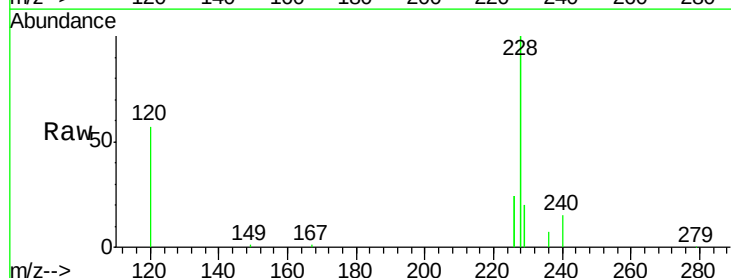
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

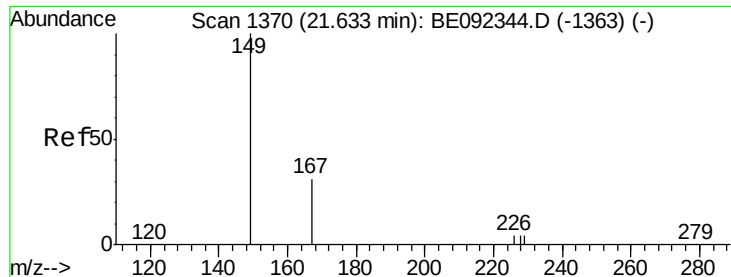
Tgt Ion:228 Resp: 96814
Ion Ratio Lower Upper
228 100
226 23.9 23.6 35.4
229 20.3 13.3 19.9#



#28
Chrysene
Concen: 0.68 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092367.D
Acq: 9 Sep 2016 22:42

Tgt Ion:228 Resp: 97415
Ion Ratio Lower Upper
228 100
226 23.9 36.3 54.5#
229 20.3 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

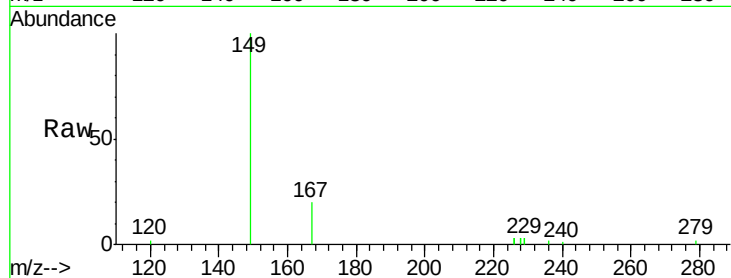
Tgt Ion:149 Resp: 5764

Ion Ratio Lower Upper

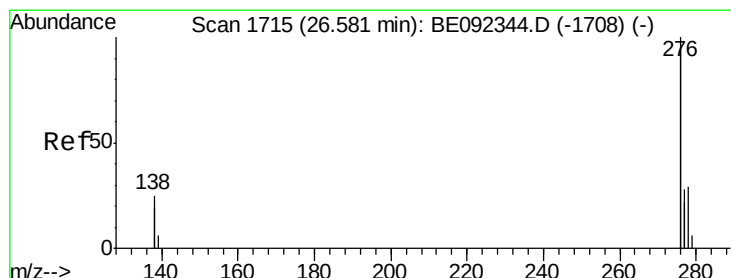
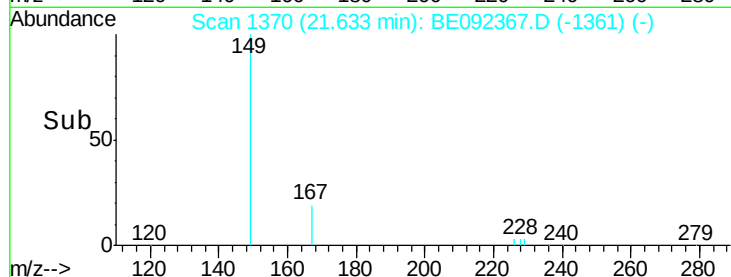
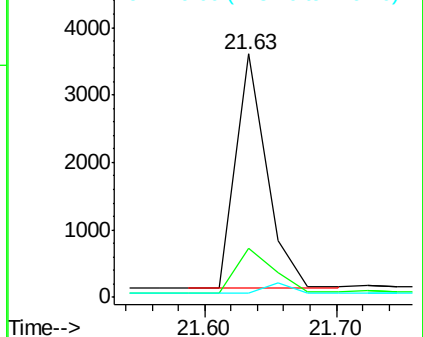
149 100

167 23.3 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: 0.32 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

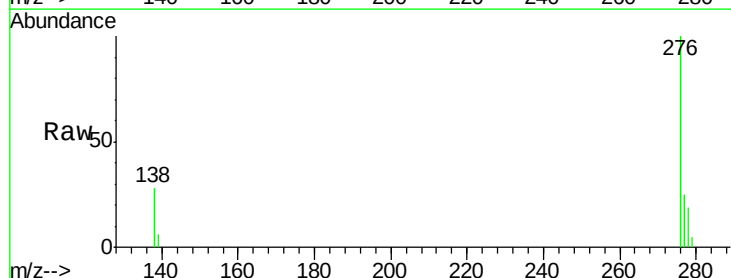
Tgt Ion:276 Resp: 46403

Ion Ratio Lower Upper

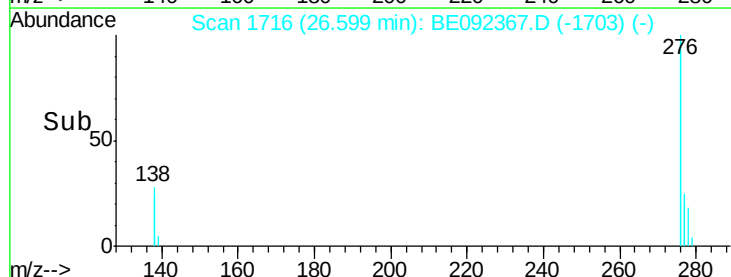
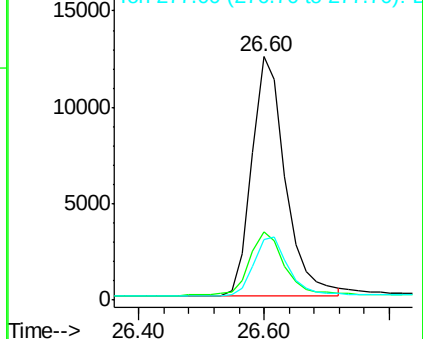
276 100

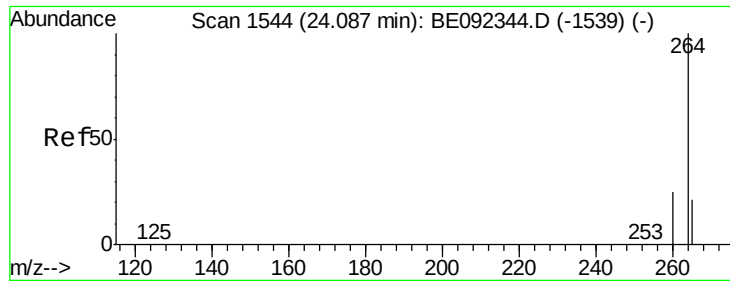
138 27.4 20.3 30.5

277 24.9 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

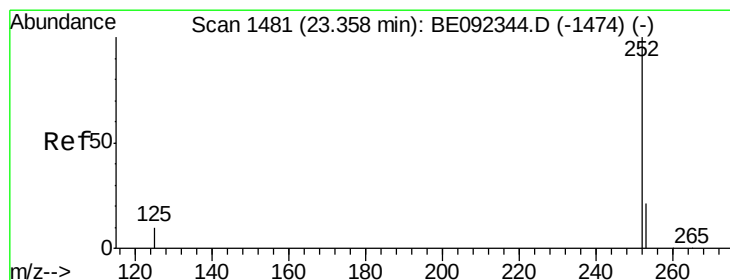
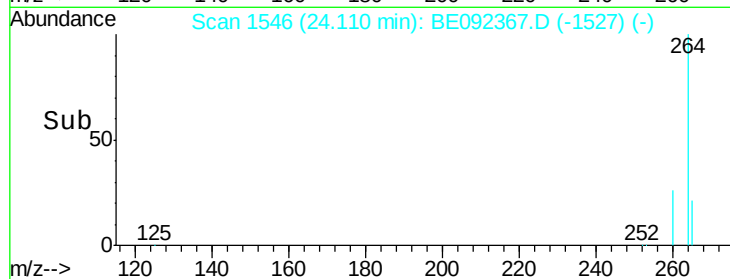
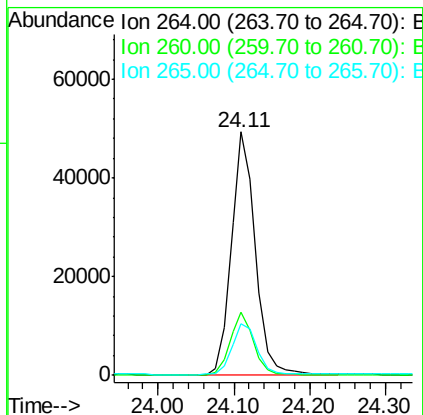
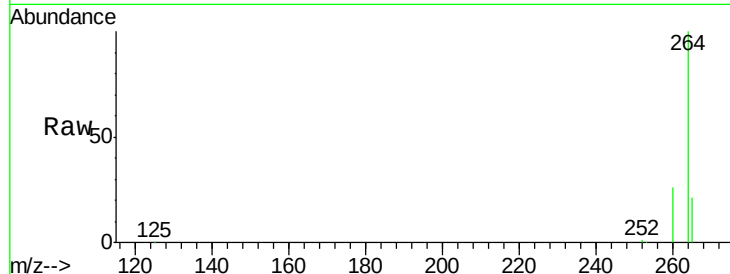




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

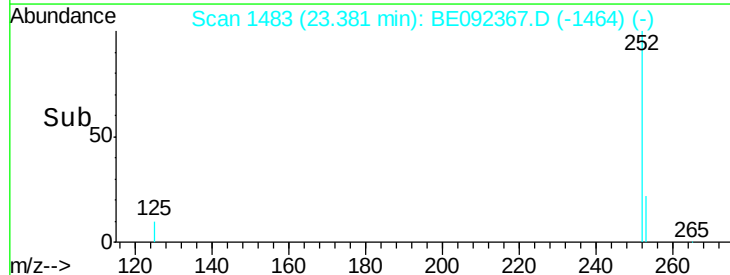
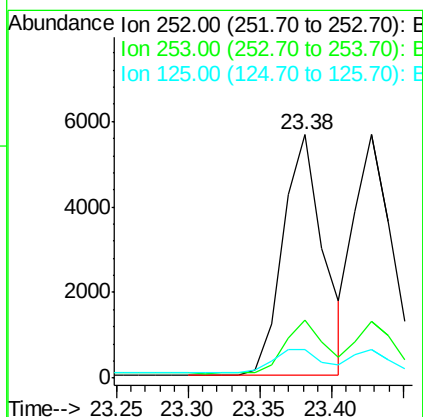
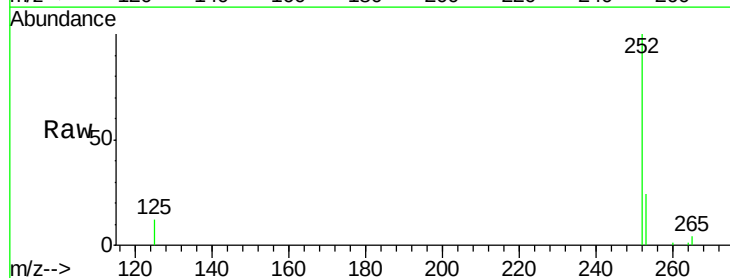
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

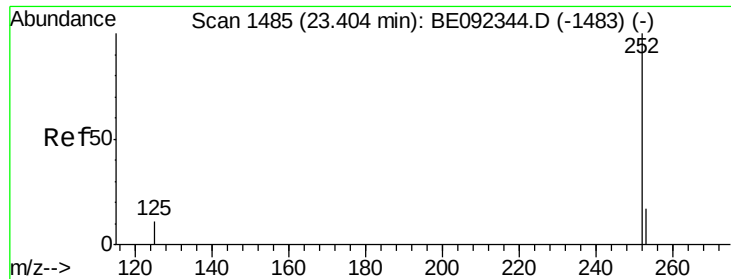
Tgt Ion: 264 Resp: 109412
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.1 30.1
 265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BE092367.D
 Acq: 9 Sep 2016 22:42

Tgt Ion: 252 Resp: 10951
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.7 28.1
 125 11.9 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

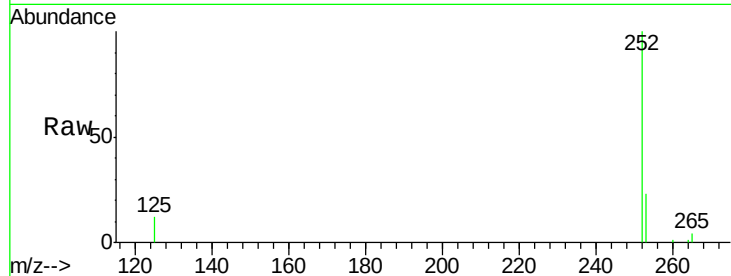
Tgt Ion:252 Resp: 10674

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

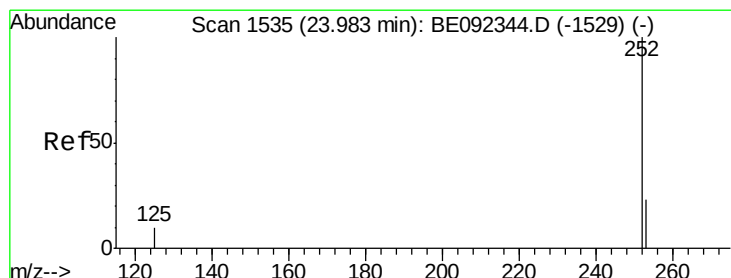
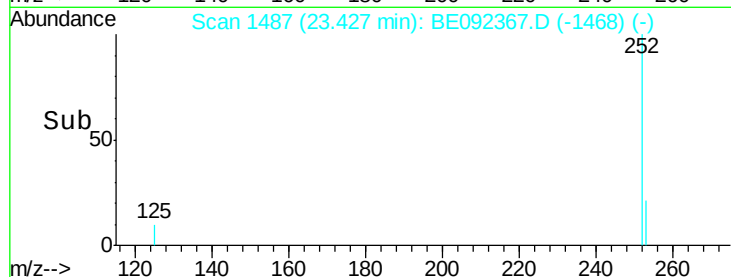
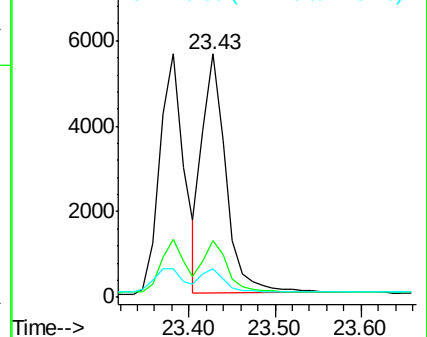
125 12.0 9.6 14.4



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: 0.38 ng

RT: 23.99 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

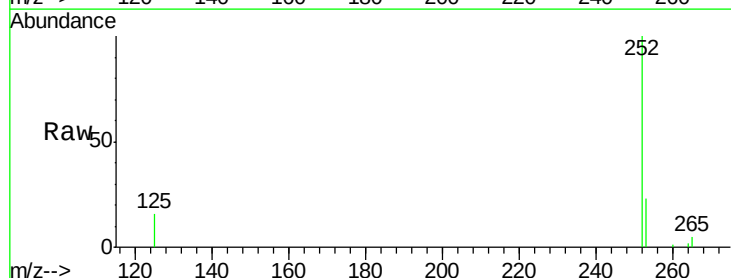
Tgt Ion:252 Resp: 10383

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

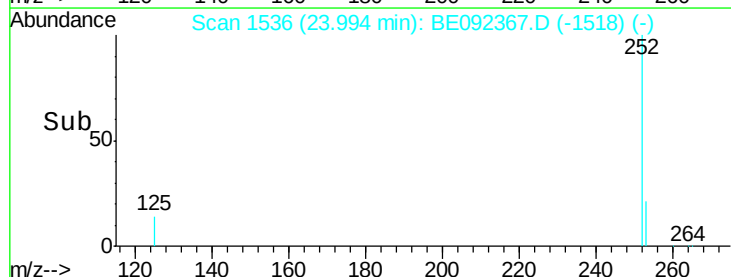
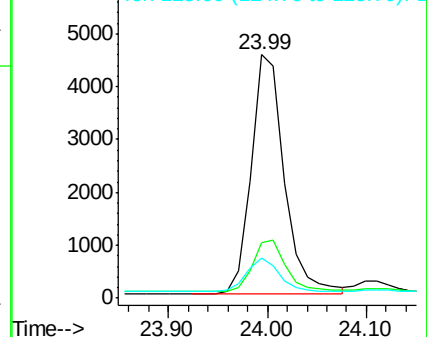
125 16.3 11.8 17.8

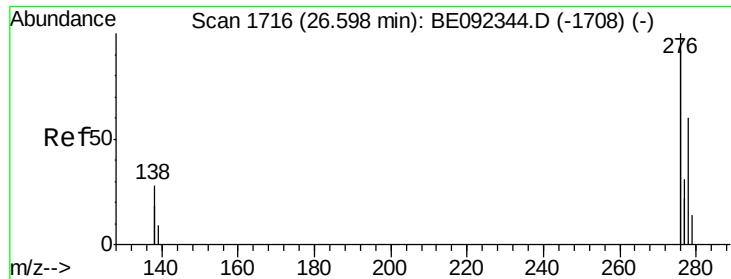


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.63 min Scan# 1718

Delta R.T. 0.03 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

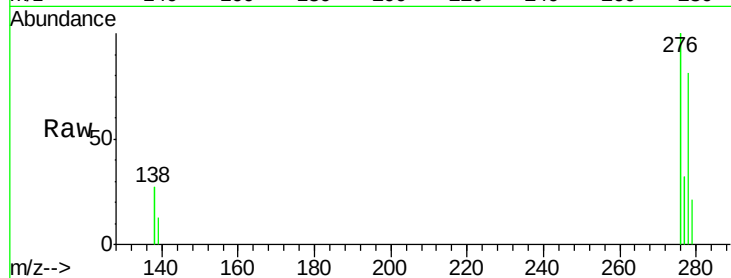
Tgt Ion: 278 Resp: 9560

Ion Ratio Lower Upper

278 100

139 16.1 13.8 20.8

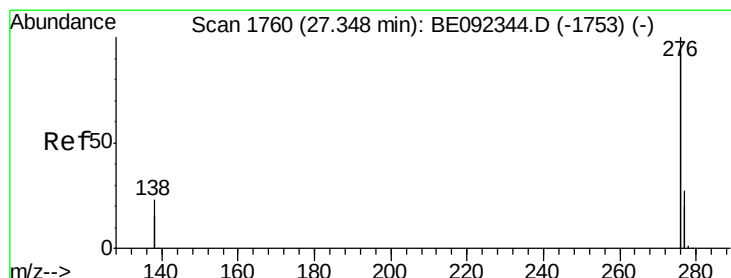
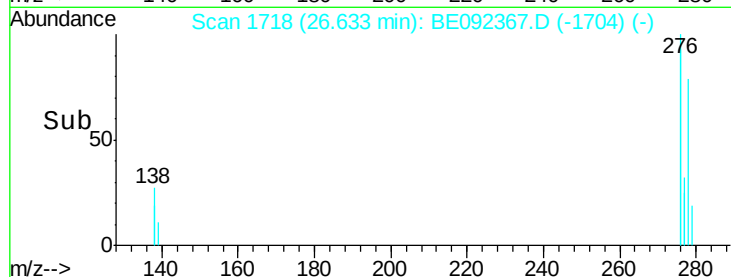
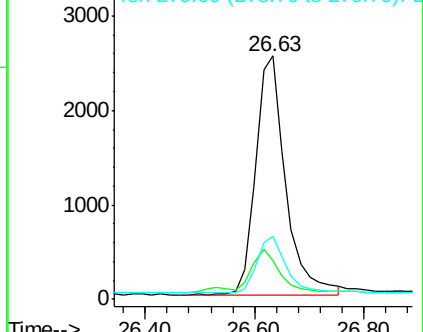
279 26.0 21.4 32.2



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: 0.37 ng

RT: 27.37 min Scan# 1761

Delta R.T. 0.02 min

Lab File: BE092367.D

Acq: 9 Sep 2016 22:42

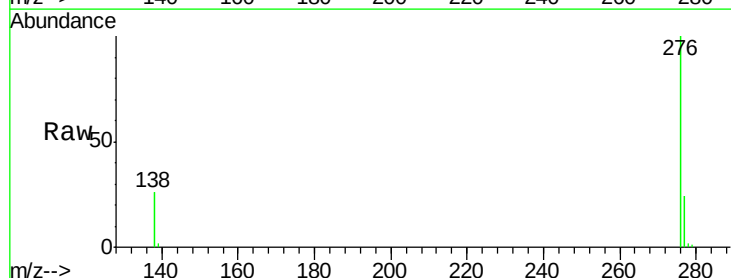
Tgt Ion: 276 Resp: 40462

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 25.7 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

