

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
 Data File : BE092443.D
 Acq On : 7 Oct 2016 11:53
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 07 22:56:15 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	8814	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42942	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	32546	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	64524	5.00	ng	0.02
24) Chrysene-d12	21.75	240	82294	5.00	ng	0.00
31) Perylene-d12	24.11	264	69190	5.00	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	582	0.39	ng	0.00
5) Phenol-d6	7.36	99	705	0.32	ng	0.00
8) Nitrobenzene-d5	9.36	82	838	0.41	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	263	0.38	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	3158	0.41	ng	0.00
26) Terphenyl-d14	20.19	244	4114	0.40	ng	0.02

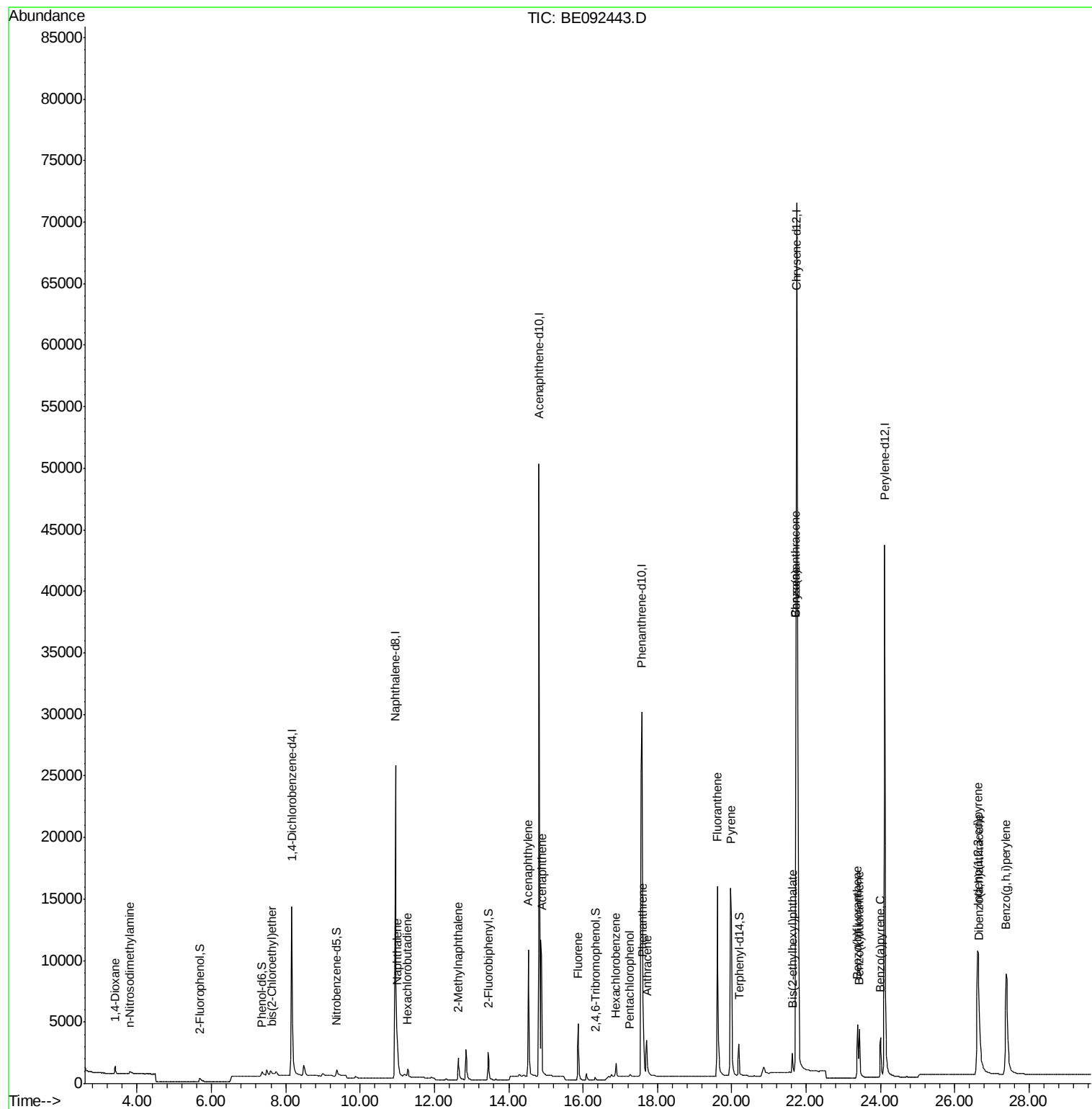
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	466	0.39	ng	99
3) n-Nitrosodimethylamine	3.80	42	355	0.44	ng	# 98
6) bis(2-Chloroethyl)ether	7.61	93	604	0.35	ng	# 25
9) Naphthalene	10.99	128	3697	0.40	ng	96
10) Hexachlorobutadiene	11.28	225	579	0.40	ng	99
11) 2-Methylnaphthalene	12.65	142	2399	0.39	ng	93
15) Acenaphthylene	14.53	152	17961	0.38	ng	100
16) Acenaphthene	14.88	154	2956	0.40	ng	97
17) Fluorene	15.87	166	3598	0.38	ng	100
19) Hexachlorobenzene	16.89	284	1183	0.43	ng	# 65
20) Pentachlorophenol	17.26	266	278	0.45	ng	97
21) Phenanthrene	17.60	178	6411	0.43	ng	96
22) Anthracene	17.72	178	5434	0.38	ng	99
23) Fluoranthene	19.61	202	26438	0.38	ng	99
25) Pyrene	19.97	202	28037	0.39	ng	100
27) Benzo(a)anthracene	21.72	228	60916	0.76	ng	93
28) Chrysene	21.72	228	61498	0.84	ng	# 73
29) Bis(2-ethylhexyl)phthalate	21.63	149	2141	0.31	ng	# 75
30) Indeno(1,2,3-cd)pyrene	26.62	276	26455	0.34	ng	98
32) Benzo(b)fluoranthene	23.38	252	6248	0.37	ng	99
33) Benzo(k)fluoranthene	23.43	252	6811	0.39	ng	97
34) Benzo(a)pyrene	24.01	252	5963	0.36	ng	97
35) Dibenzo(a,h)anthracene	26.65	278	5292	0.35	ng	97
36) Benzo(g,h,i)perylene	27.38	276	24004	0.37	ng	98

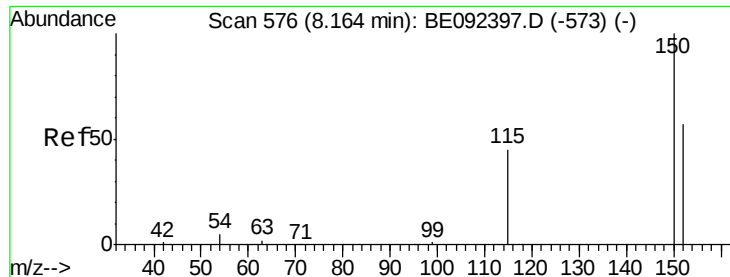
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

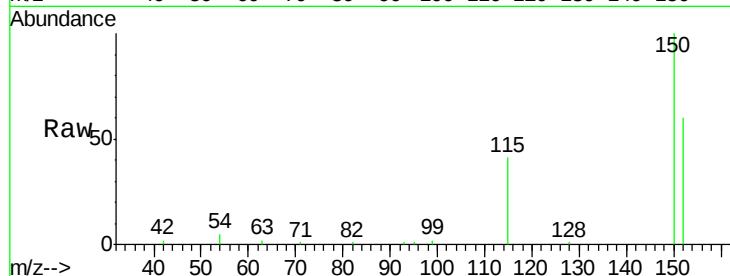
Tgt Ion:152 Resp: 8814

Ion Ratio Lower Upper

152 100

150 165.3 106.0 159.0#

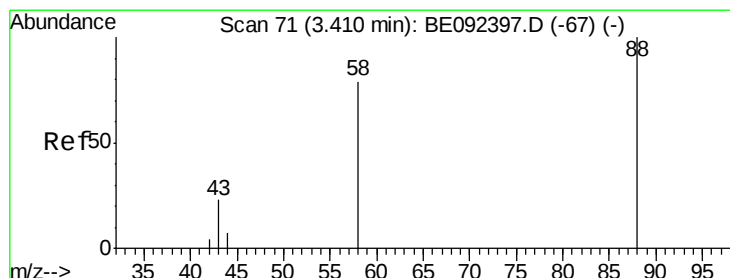
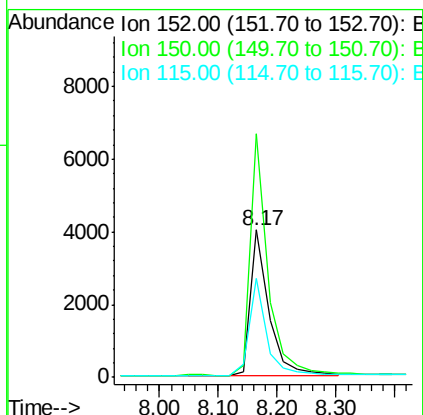
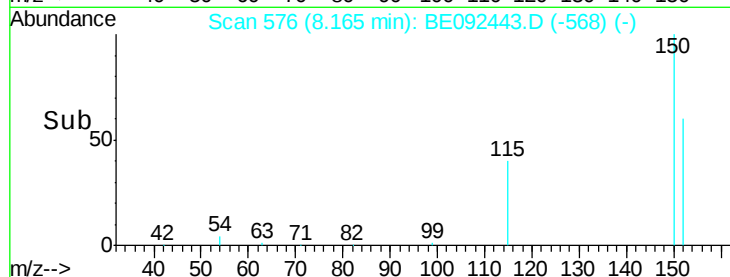
115 67.4 31.2 46.8#



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: 0.39 ng

RT: 3.41 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

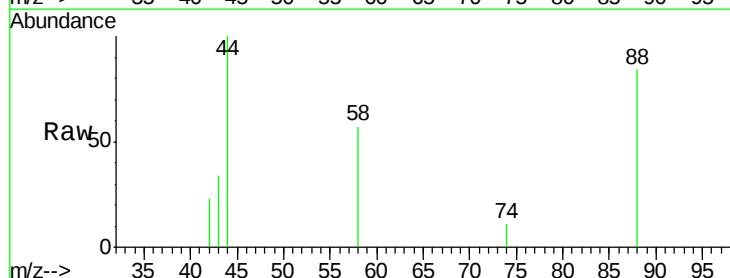
Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

58 79.4 63.6 95.4

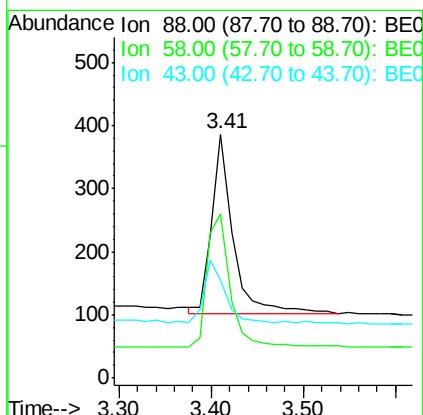
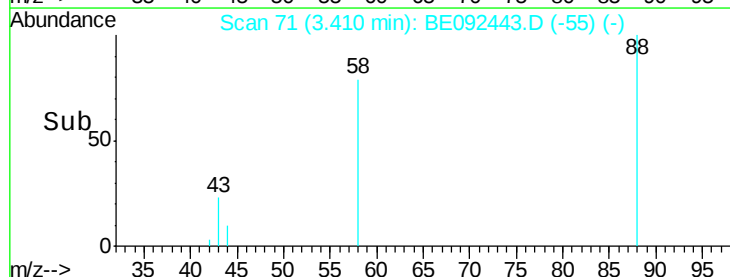
43 33.5 28.0 42.0

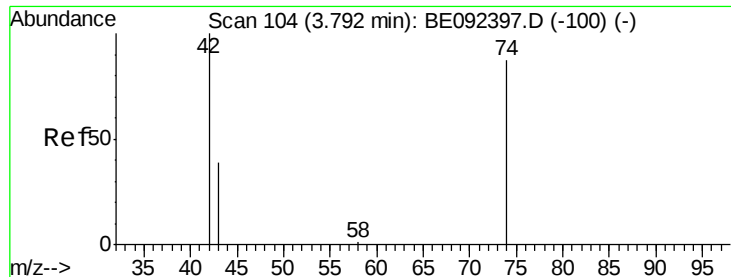


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.44 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

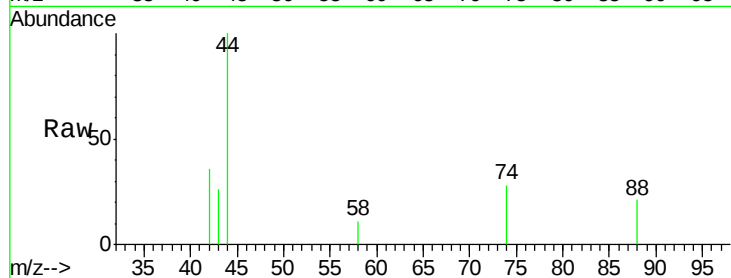
Tgt Ion: 42 Resp: 355

Ion Ratio Lower Upper

42 100

74 105.9 86.0 129.0

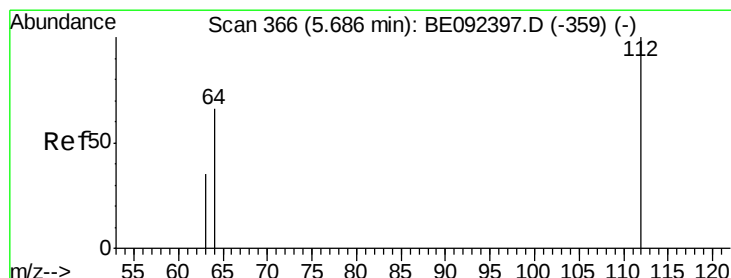
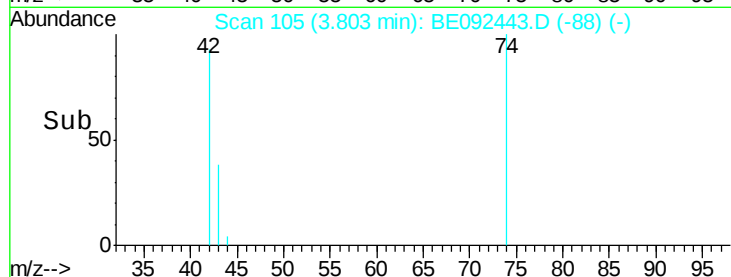
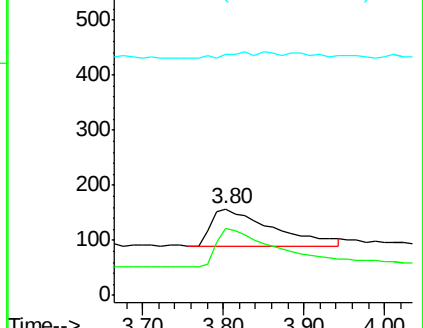
44 0.0 5.1 7.7#



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: 0.39 ng

RT: 5.69 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

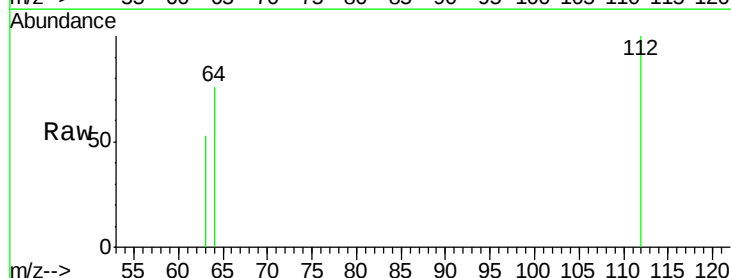
Tgt Ion: 112 Resp: 582

Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

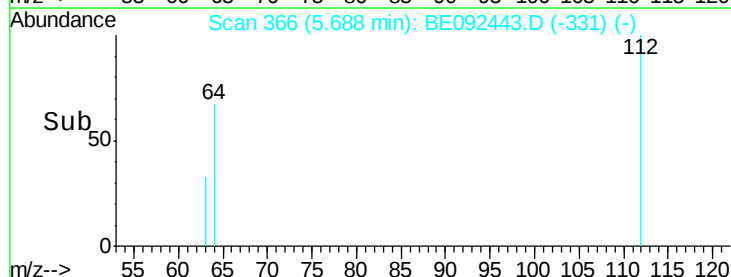
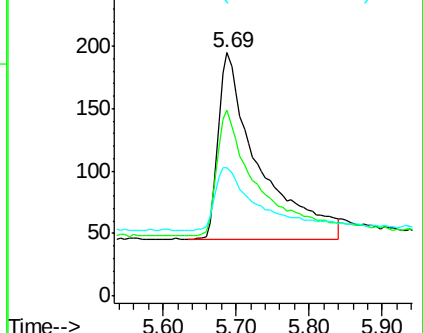
63 34.0 27.9 41.9

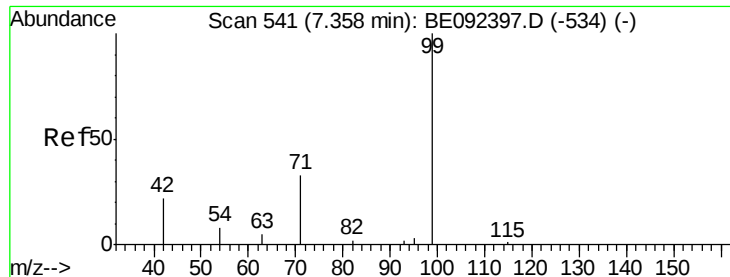


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.32 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

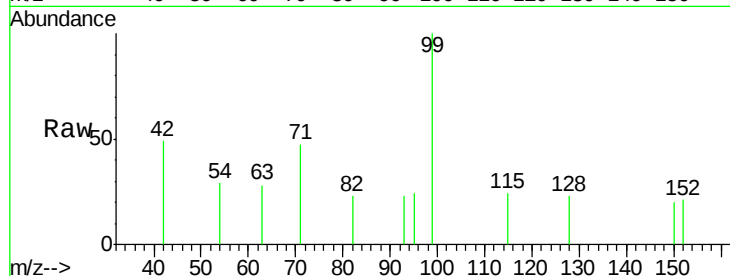
Tgt Ion: 99 Resp: 705

Ion Ratio Lower Upper

99 100

42 26.2 16.0 24.0#

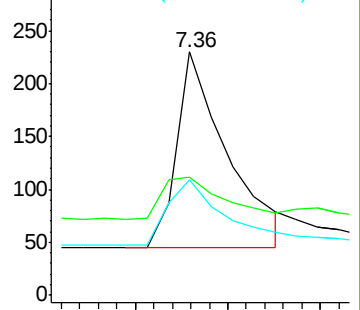
71 38.4 30.6 45.8



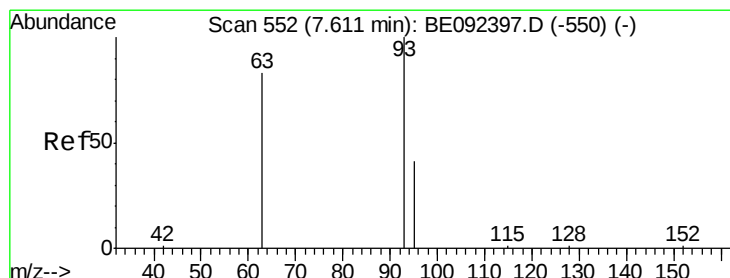
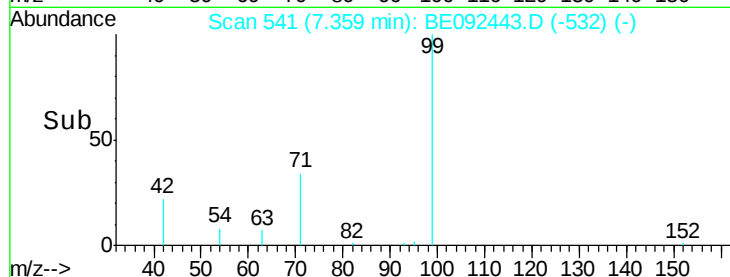
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.35 ng

RT: 7.61 min Scan# 552

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

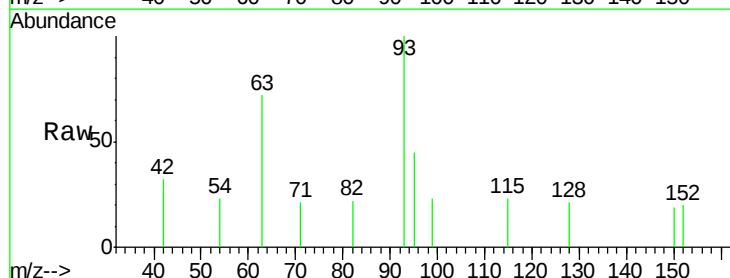
Tgt Ion: 93 Resp: 604

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

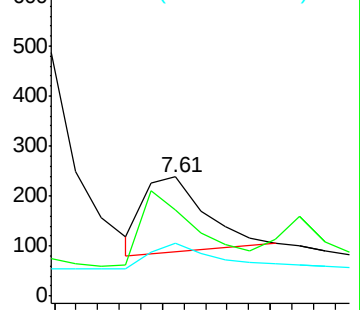
95 37.6 24.0 36.0#



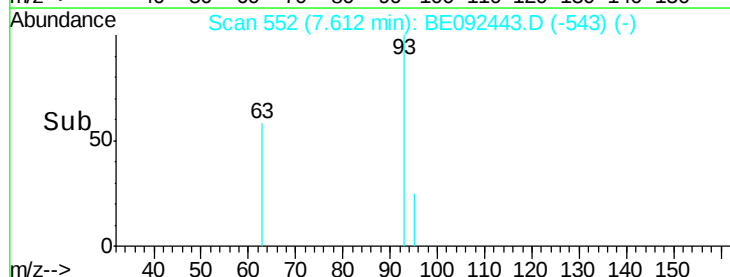
Abundance Ion 93.00 (92.70 to 93.70): BE0

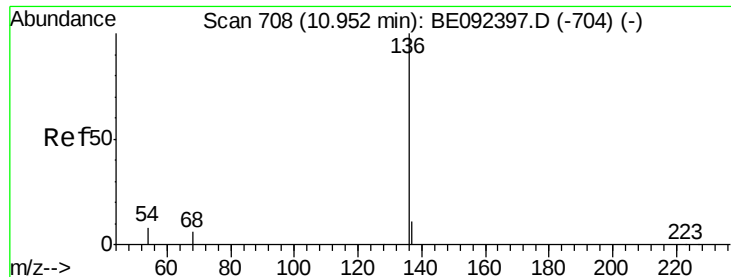
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 42942

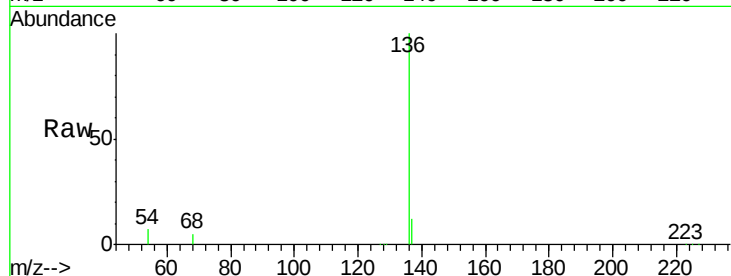
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 7.1 9.6 14.4#

68 5.3 6.7 10.1#

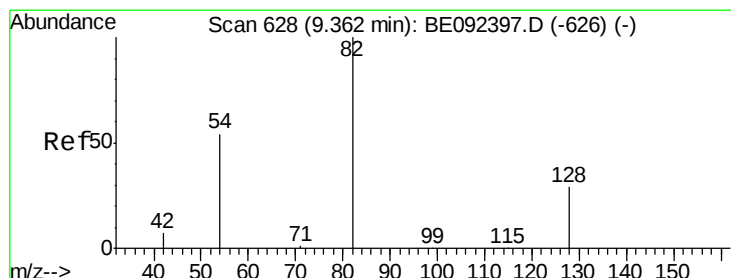
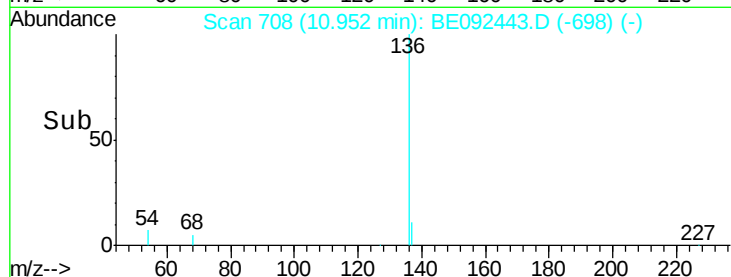
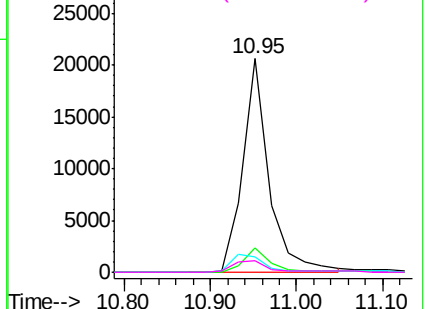


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

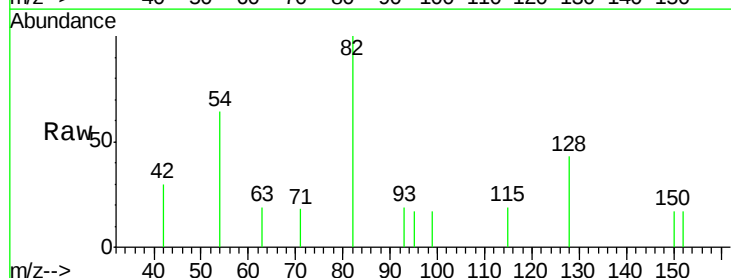
Tgt Ion: 82 Resp: 838

Ion Ratio Lower Upper

82 100

128 43.1 39.0 58.4

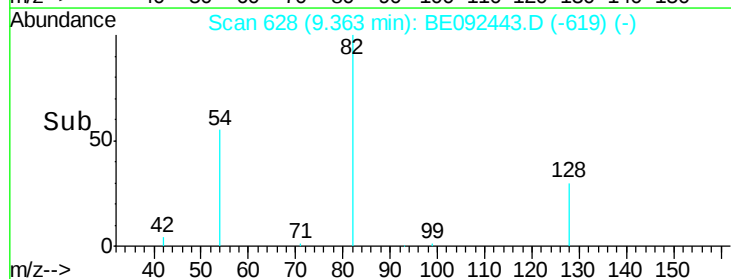
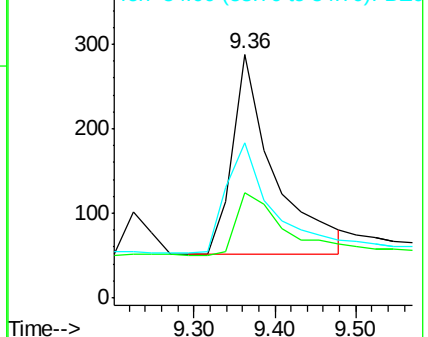
54 63.5 44.8 67.2

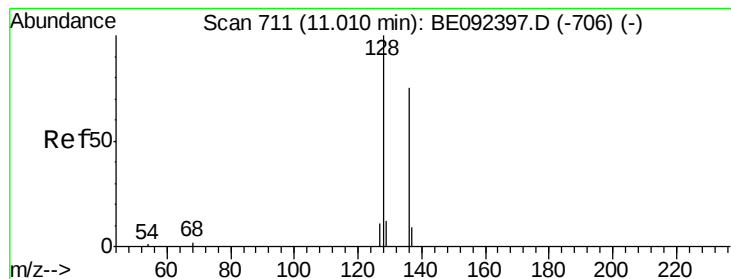


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

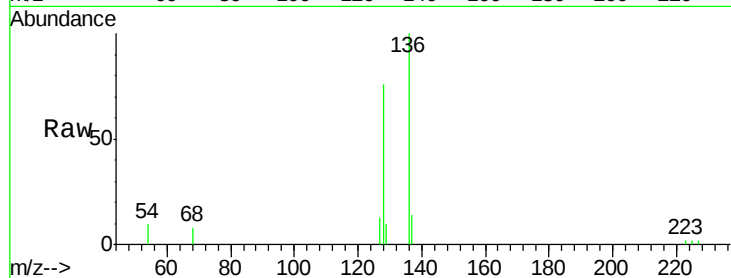
Tgt Ion:128 Resp: 3697

Ion Ratio Lower Upper

128 100

129 13.3 11.2 16.8

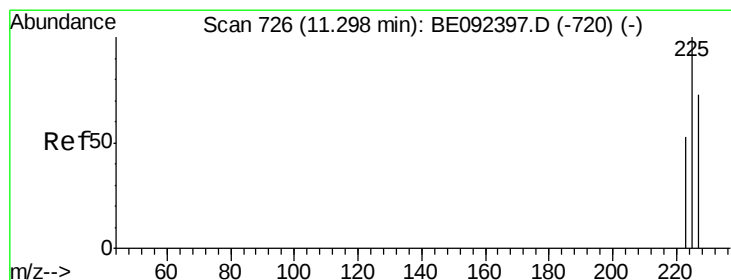
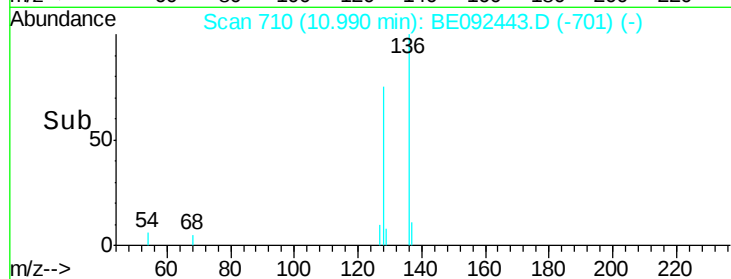
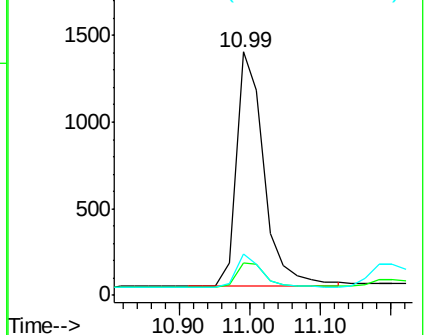
127 16.8 11.6 17.4



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: 0.40 ng

RT: 11.28 min Scan# 725

Delta R.T. -0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

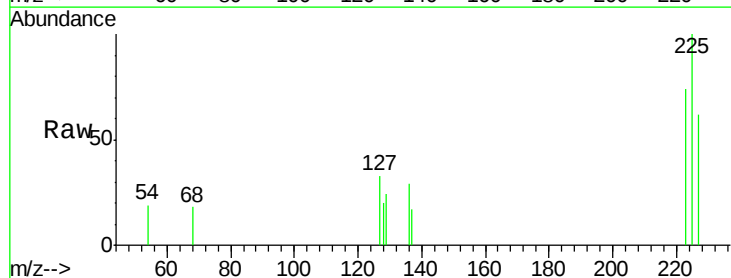
Tgt Ion:225 Resp: 579

Ion Ratio Lower Upper

225 100

223 64.1 50.6 76.0

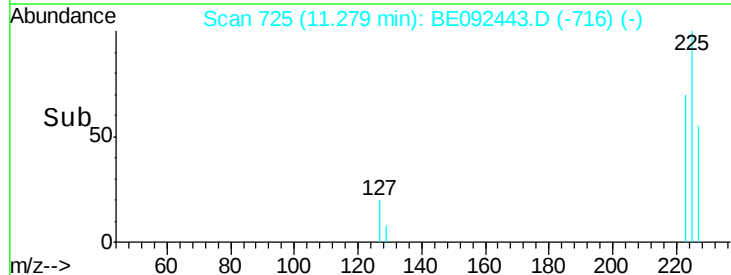
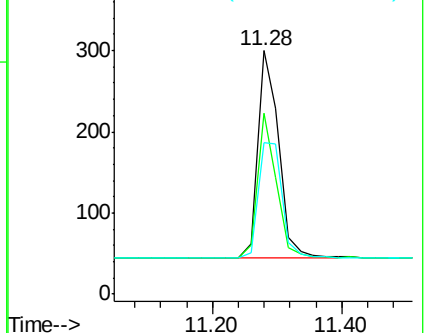
227 64.1 51.4 77.0

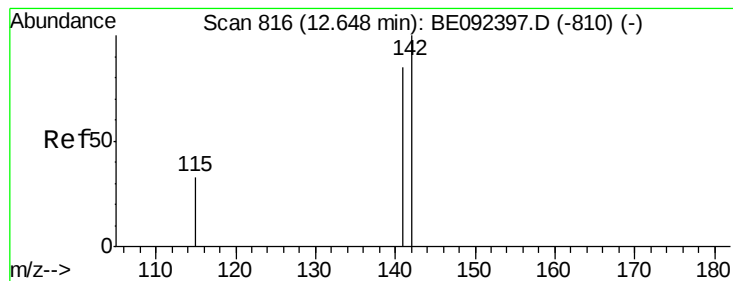


Abundance Ion 225.00 (224.70 to 225.70): E

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: 12.65 min Scan# 816

Delta R.T. -0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

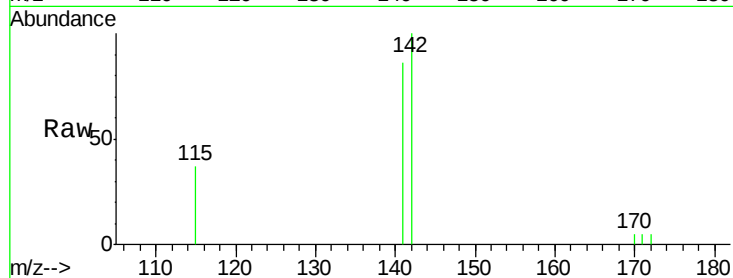
Tgt Ion:142 Resp: 2399

Ion Ratio Lower Upper

142 100

141 86.3 73.7 110.5

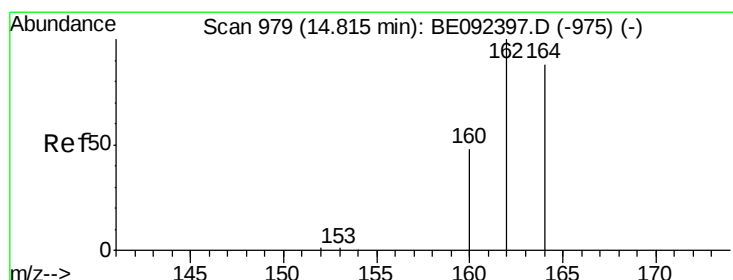
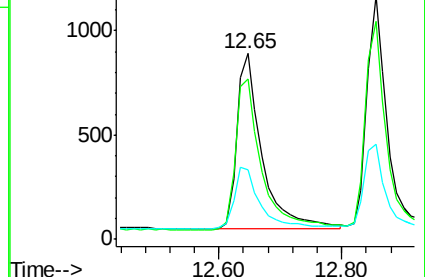
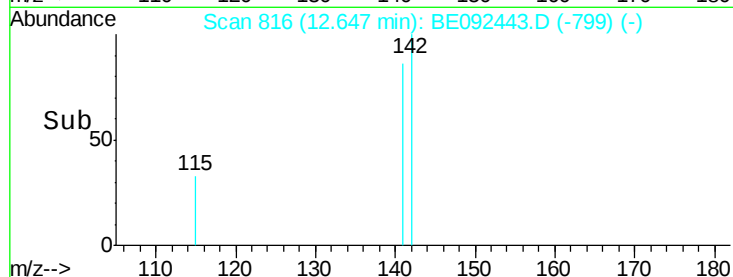
115 37.2 34.0 51.0



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: BE092443.D

Acq: 7 Oct 2016 11:53

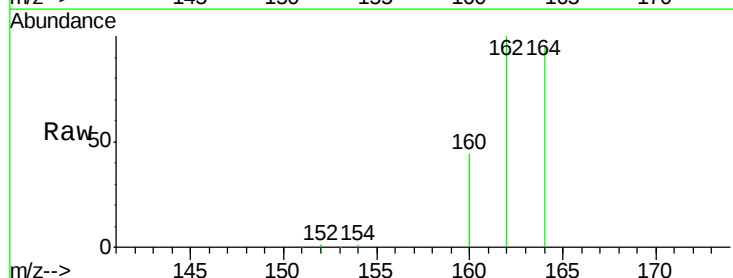
Tgt Ion:164 Resp: 32546

Ion Ratio Lower Upper

164 100

162 104.3 71.4 107.0

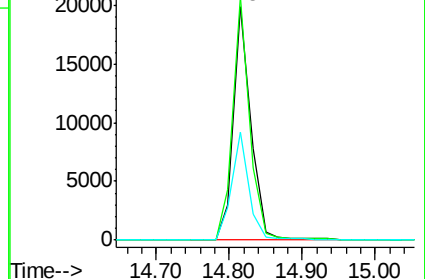
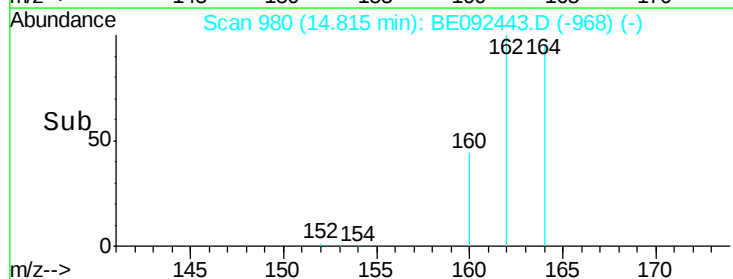
160 46.1 27.4 41.2#

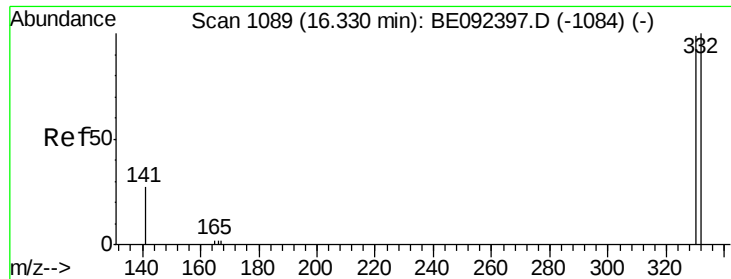


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

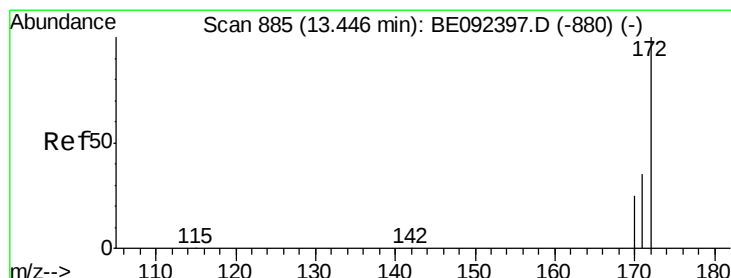
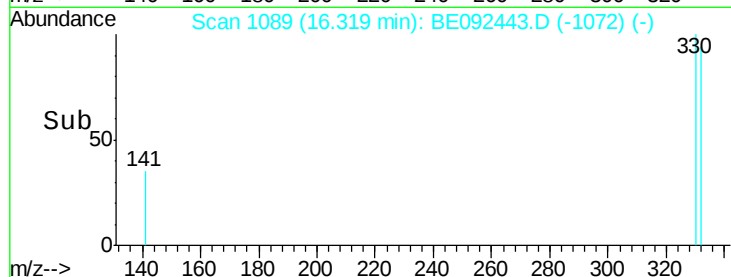
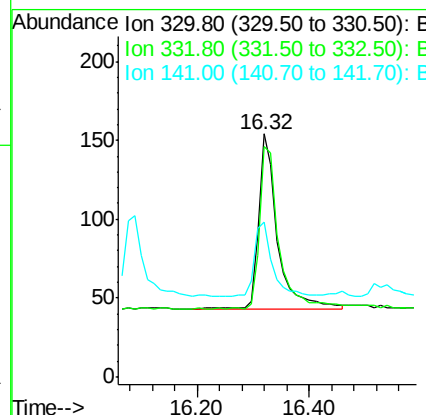
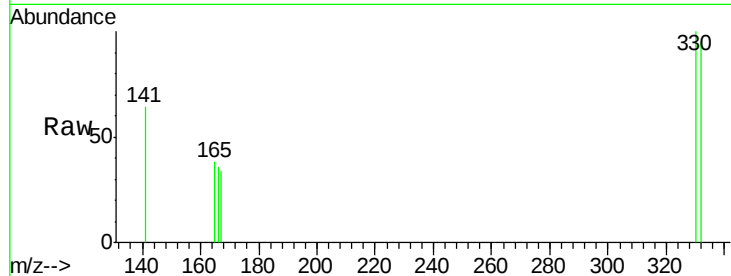




#13
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

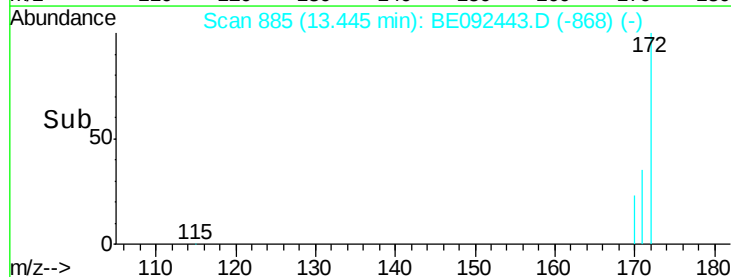
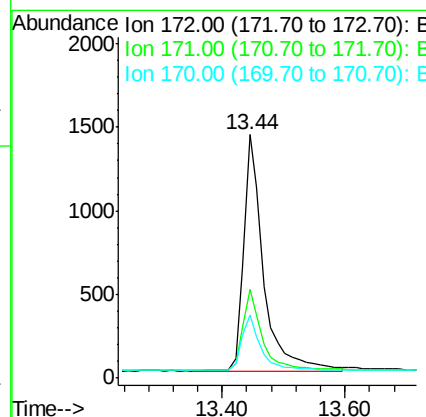
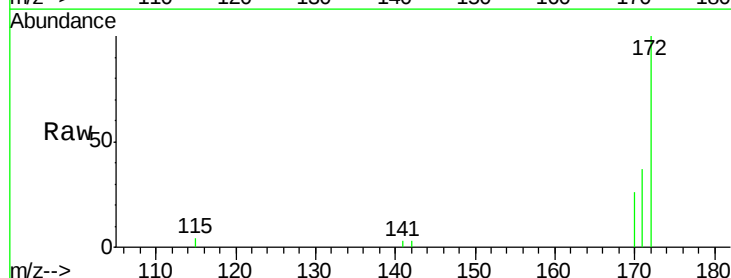
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

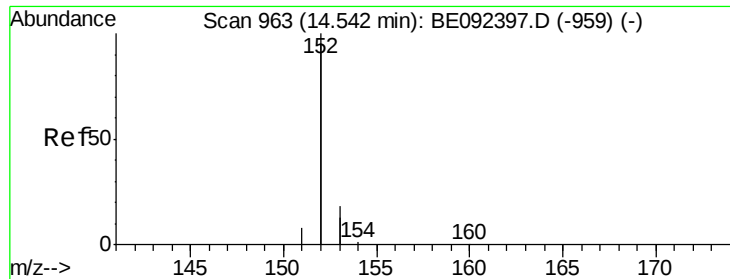
Tgt Ion: 330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 40.3 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Tgt Ion: 172 Resp: 3158
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 25.8 21.8 32.6

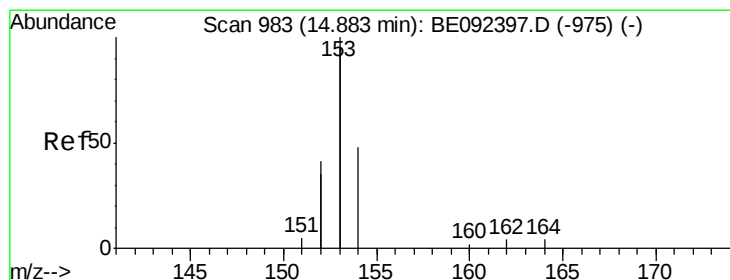
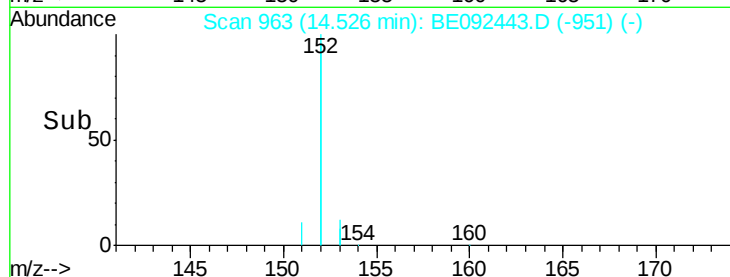
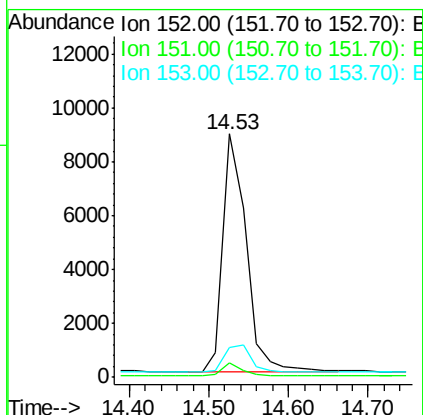
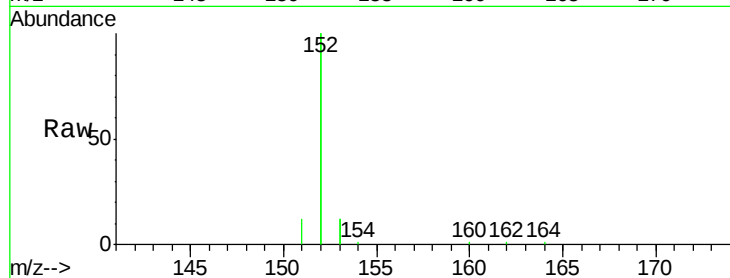




#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

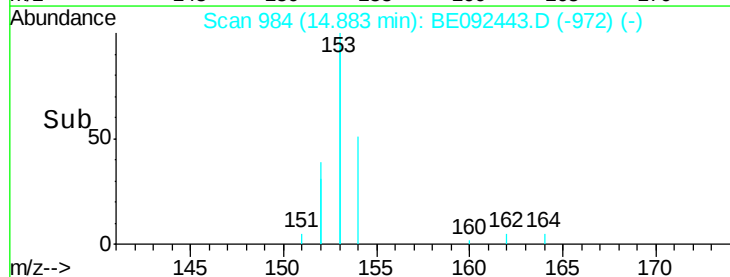
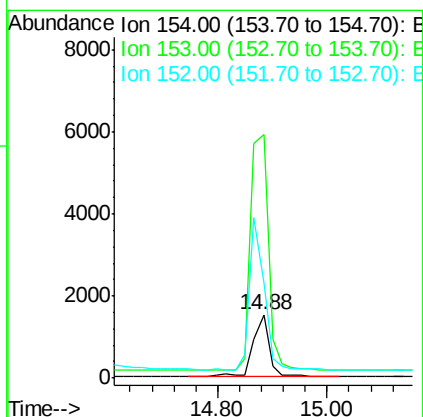
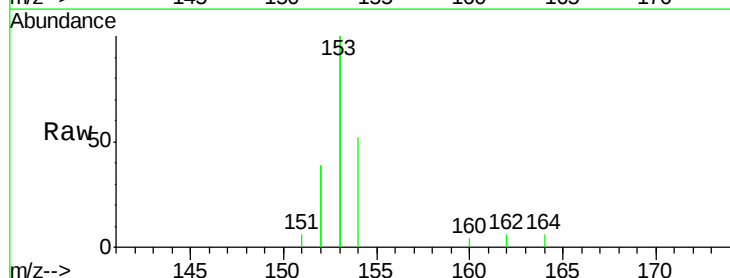
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

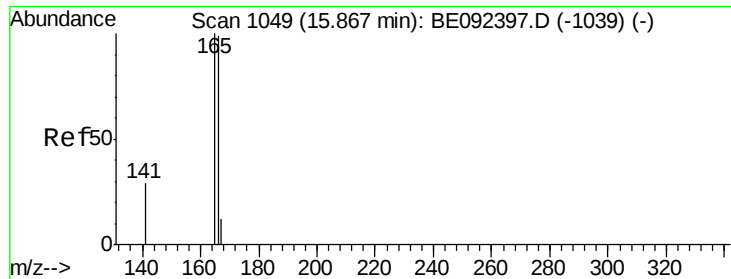
Tgt Ion:152 Resp: 17961
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.1 10.4 15.6



#16
Acenaphthene
Concen: 0.40 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:154 Resp: 2956
Ion Ratio Lower Upper
154 100
153 439.4 350.8 526.2
152 228.2 171.1 256.7





#17

Fluorene

Concen: 0.38 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

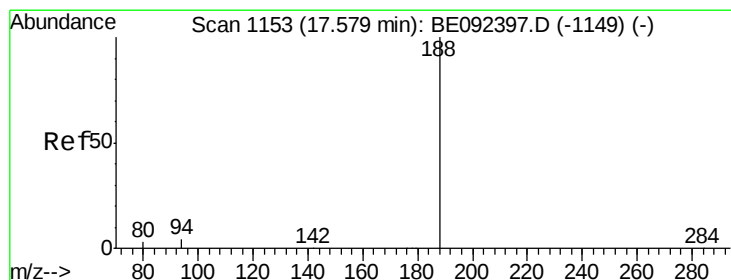
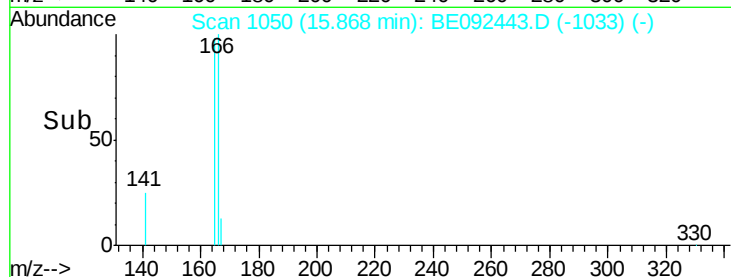
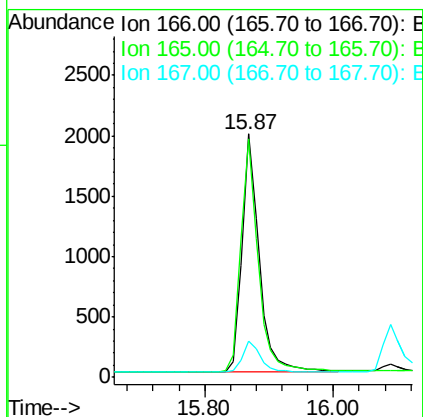
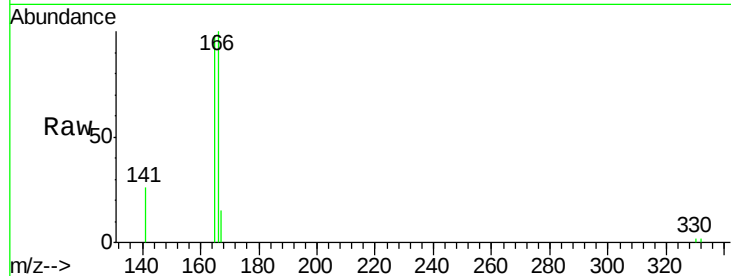
Tgt Ion:166 Resp: 3598

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

167 13.8 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: BE092443.D

Acq: 7 Oct 2016 11:53

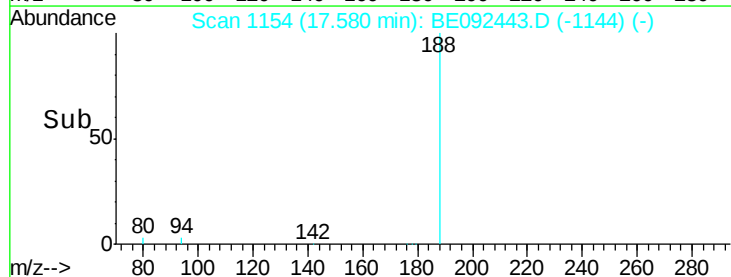
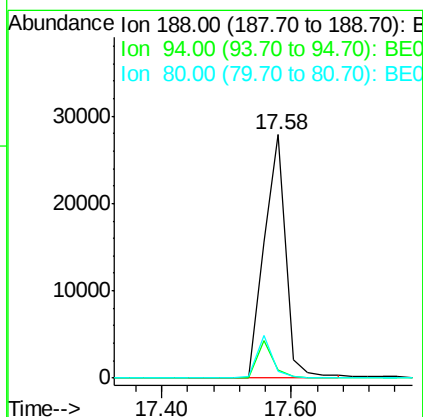
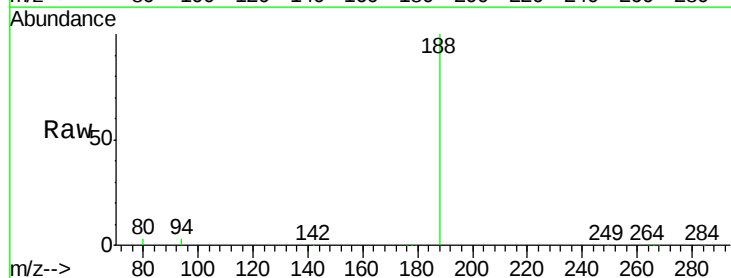
Tgt Ion:188 Resp: 64524

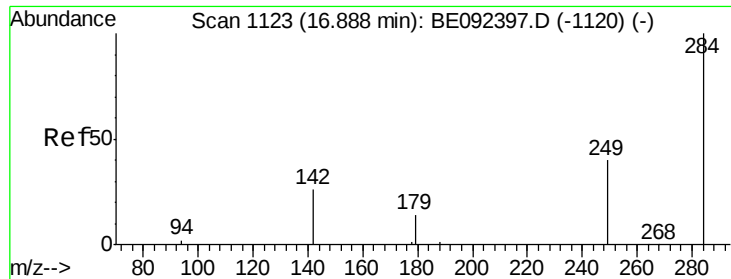
Ion Ratio Lower Upper

188 100

94 3.5 3.2 4.8

80 3.0 2.6 3.8

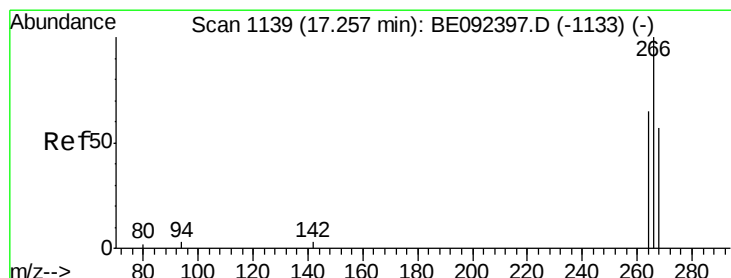
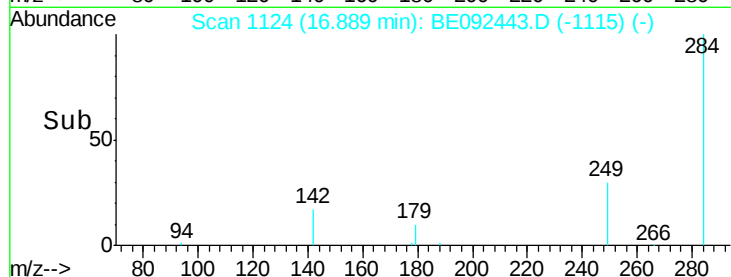
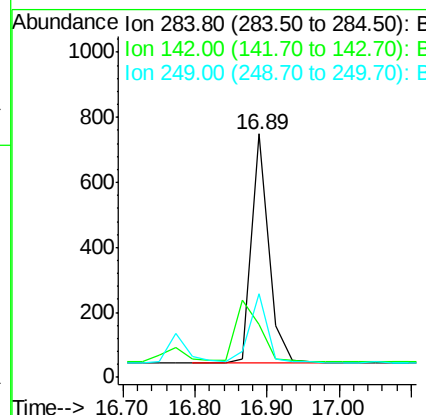
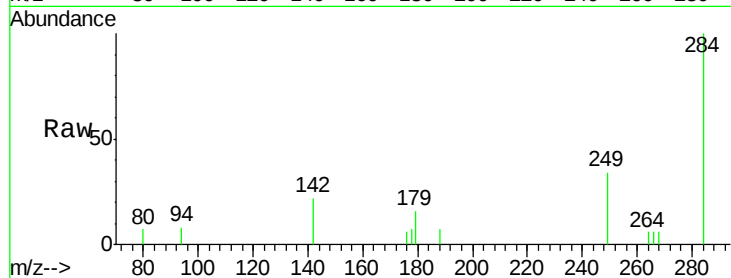




#19
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

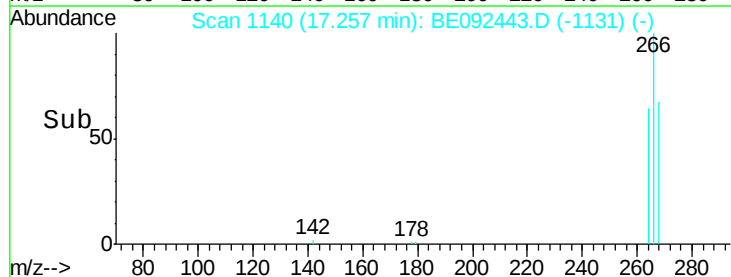
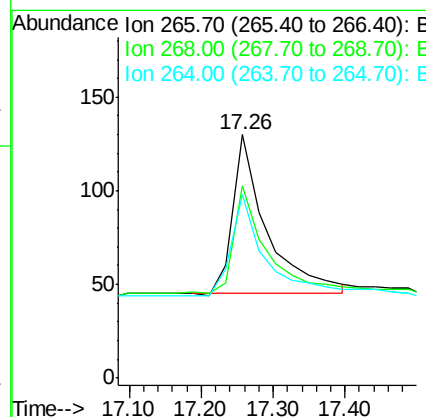
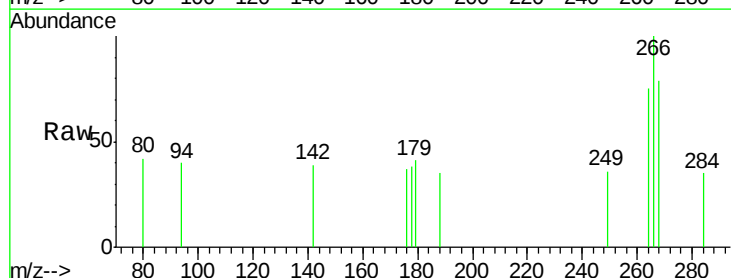
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

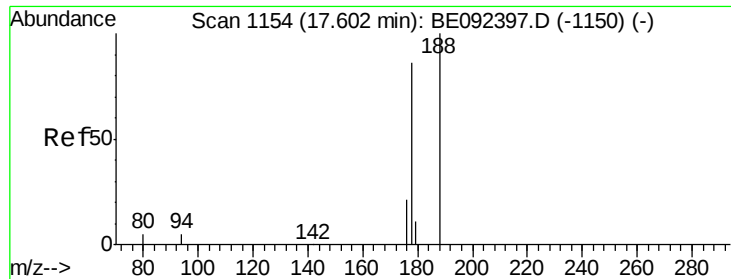
Tgt Ion: 284 Resp: 1183
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 30.3 27.9 41.9



#20
Pentachlorophenol
Concen: 0.45 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion: 266 Resp: 278
Ion Ratio Lower Upper
266 100
268 79.2 62.5 93.7
264 75.4 57.2 85.8





#21

Phenanthrene

Concen: 0.43 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

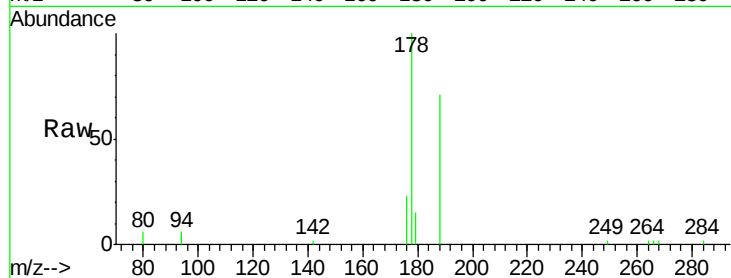
Tgt Ion:178 Resp: 6411

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

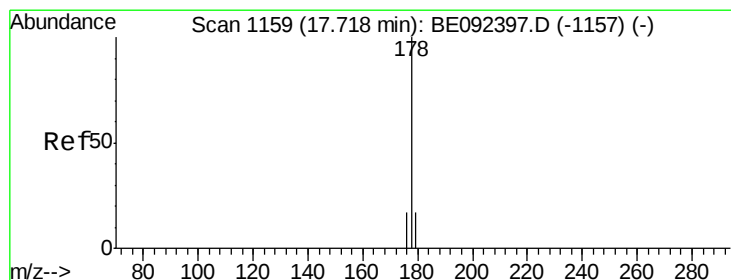
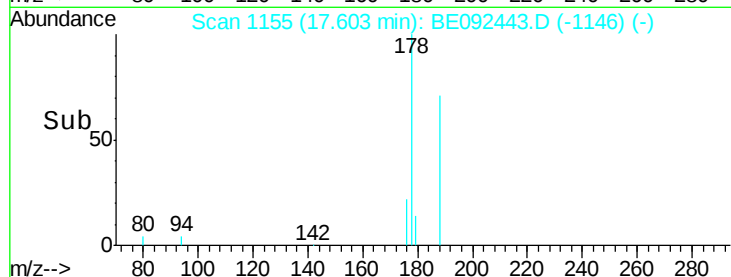
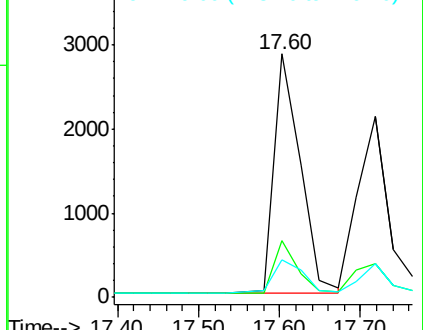
179 16.1 16.0 24.0



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: 0.38 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

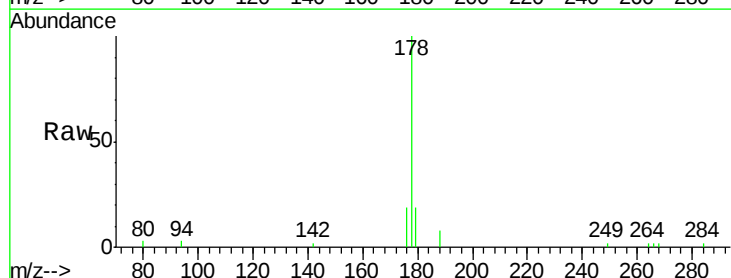
Tgt Ion:178 Resp: 5434

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

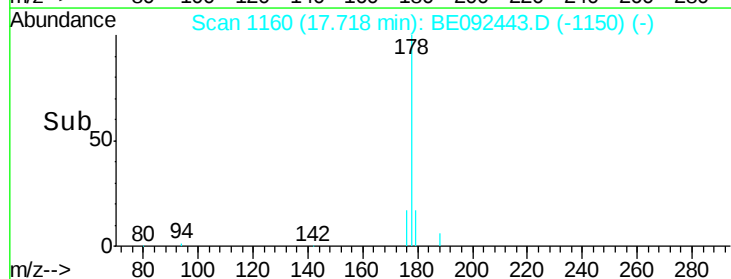
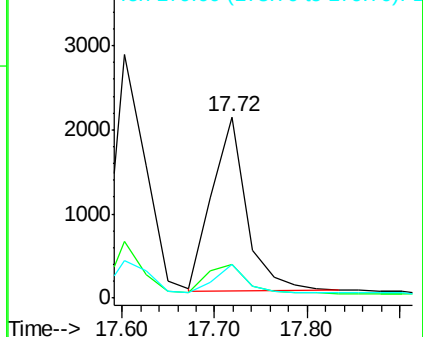
179 14.8 12.2 18.2

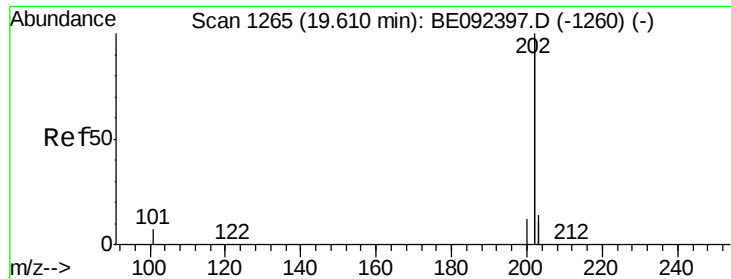


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.38 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

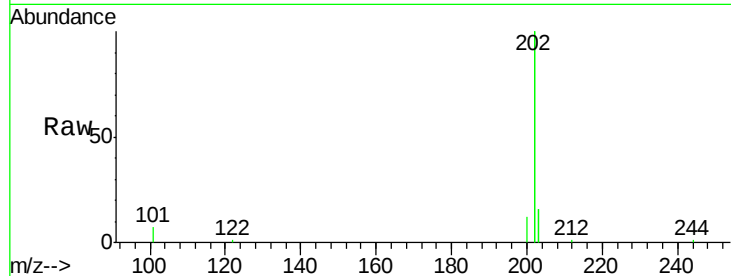
Tgt Ion:202 Resp: 26438

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

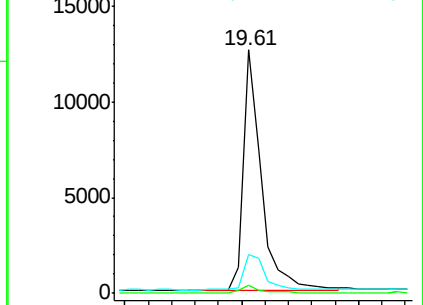
203 17.4 13.7 20.5



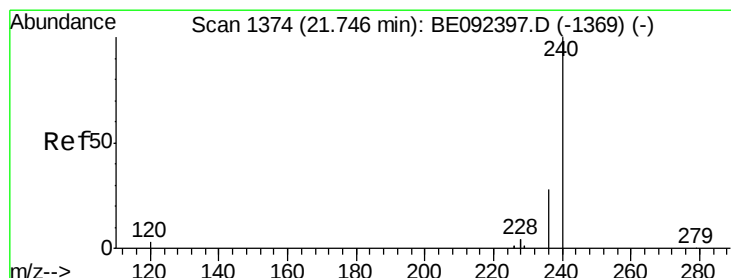
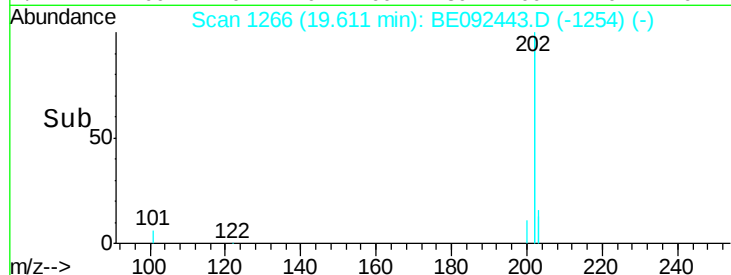
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.60 19.80



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

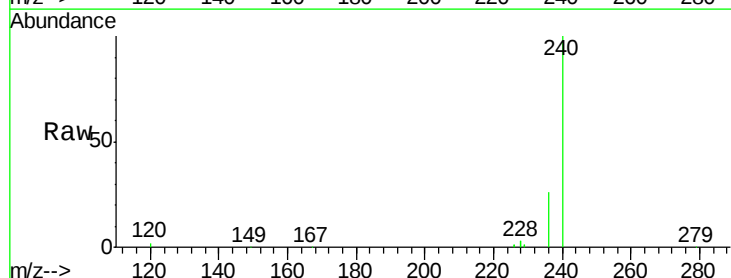
Tgt Ion:240 Resp: 82294

Ion Ratio Lower Upper

240 100

120 2.0 2.6 4.0#

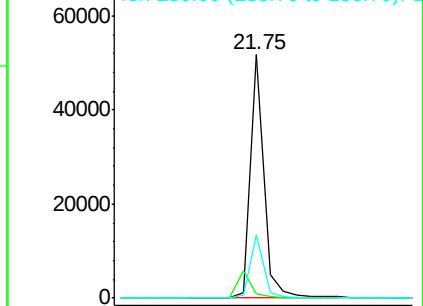
236 25.7 24.6 37.0



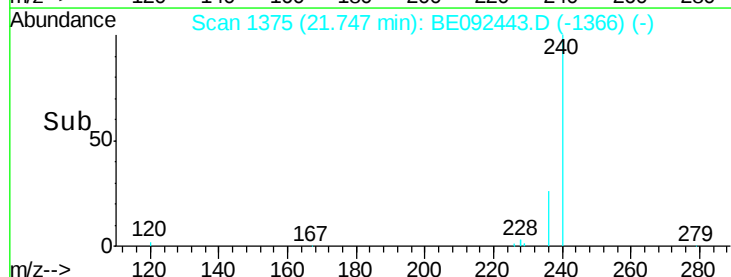
Abundance Ion 240.00 (239.70 to 240.70): E

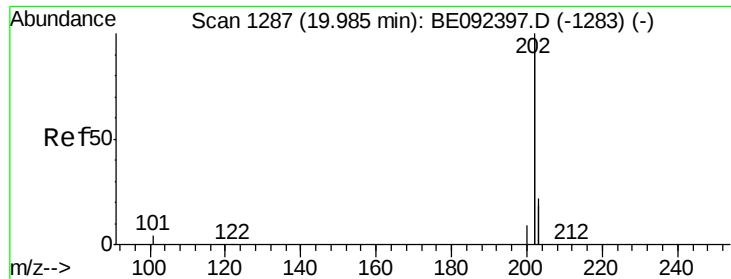
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.80

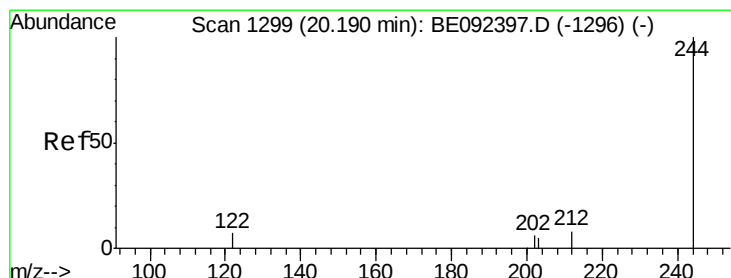
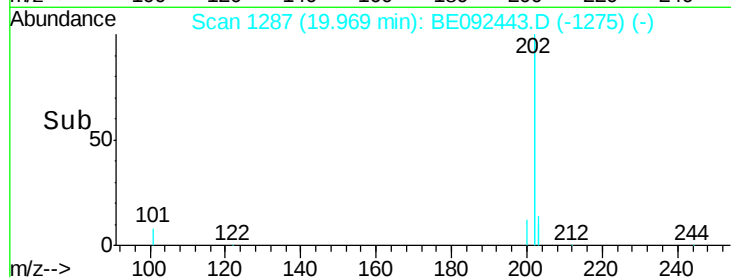
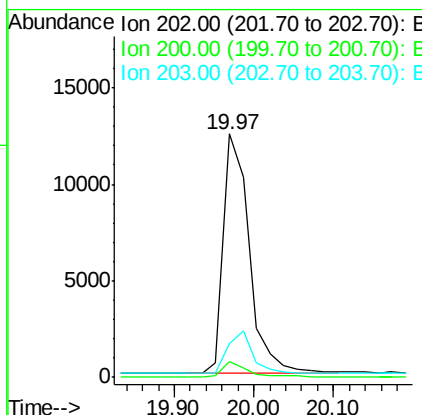
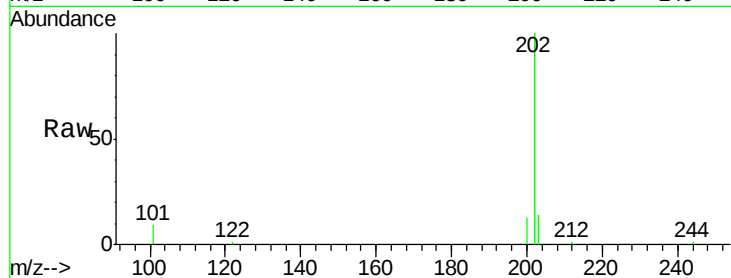




#25
 Pyrene
 Concen: 0.39 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

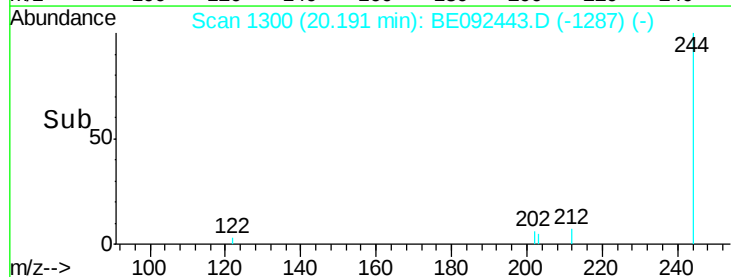
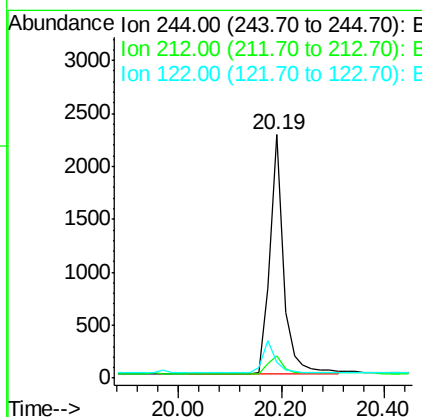
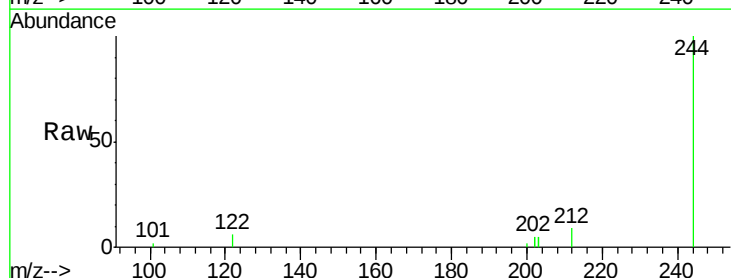
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

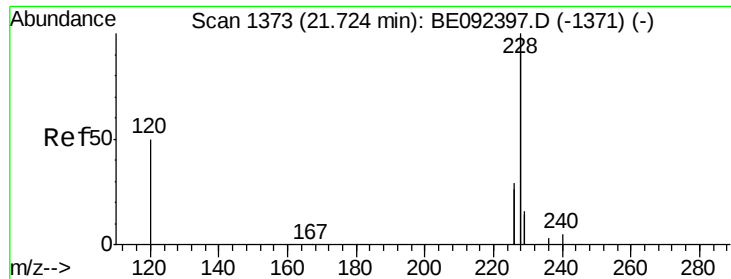
Tgt Ion: 202 Resp: 28037
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.3 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.02 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Tgt Ion: 244 Resp: 4114
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.7 10.1
 122 6.5 3.6 5.4#

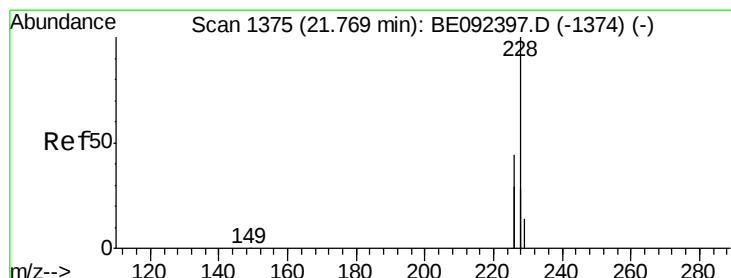
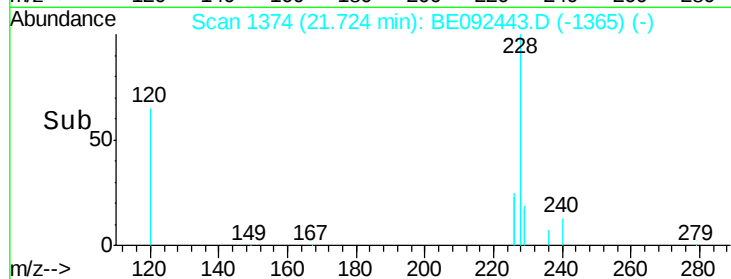
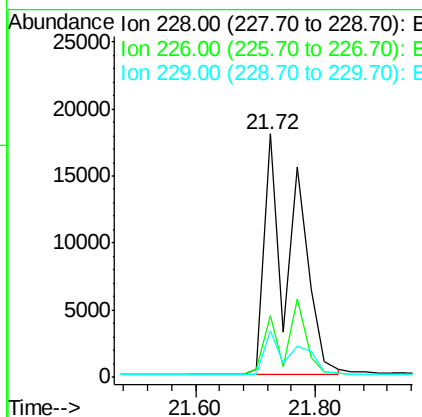
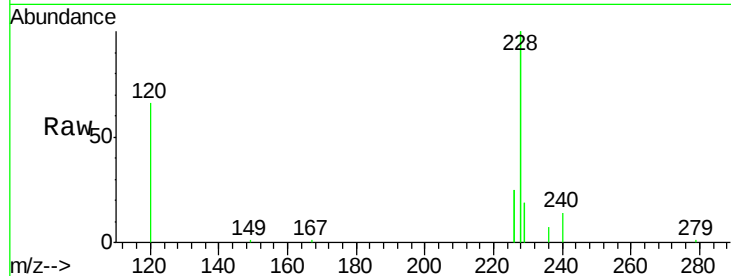




#27
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

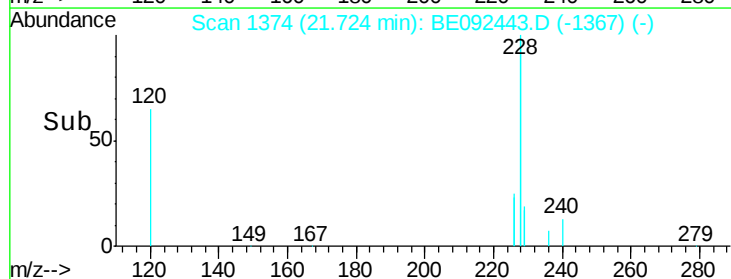
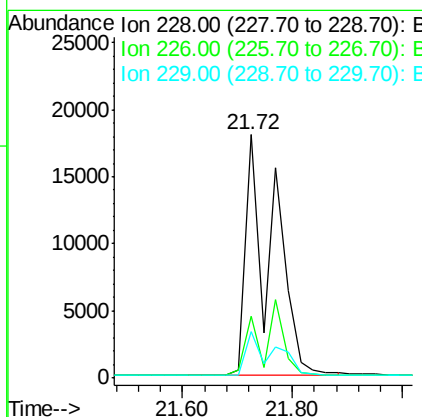
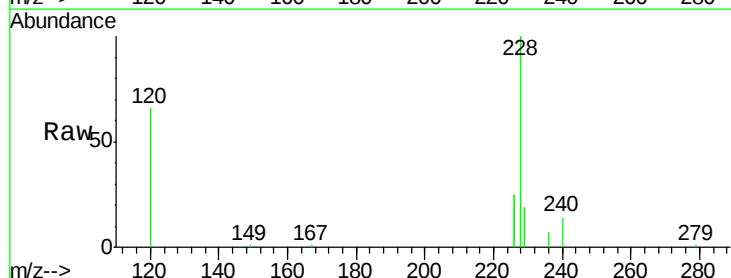
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

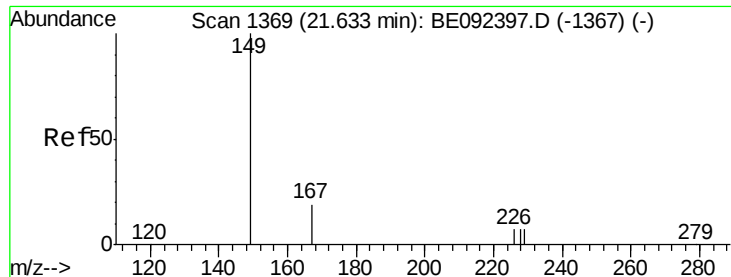
Tgt Ion:228 Resp: 60916
Ion Ratio Lower Upper
228 100
226 25.3 23.6 35.4
229 19.0 13.3 19.9



#28
Chrysene
Concen: 0.84 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092443.D
Acq: 7 Oct 2016 11:53

Tgt Ion:228 Resp: 61498
Ion Ratio Lower Upper
228 100
226 25.3 36.3 54.5#
229 19.0 10.6 16.0#

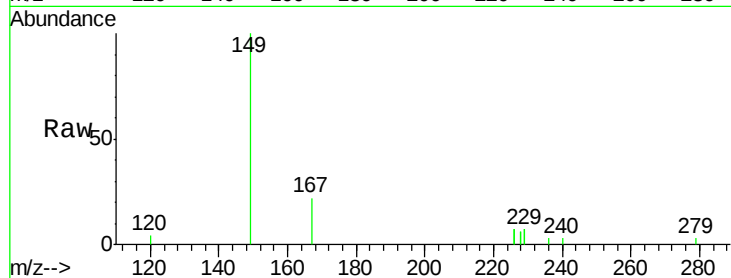




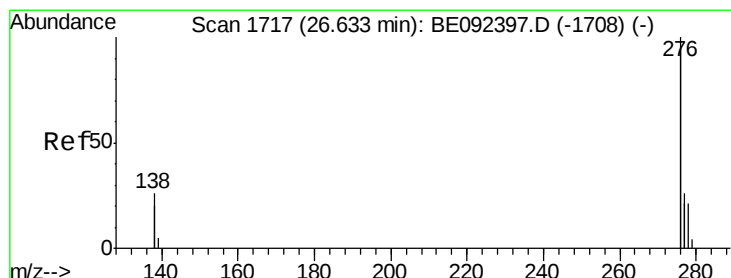
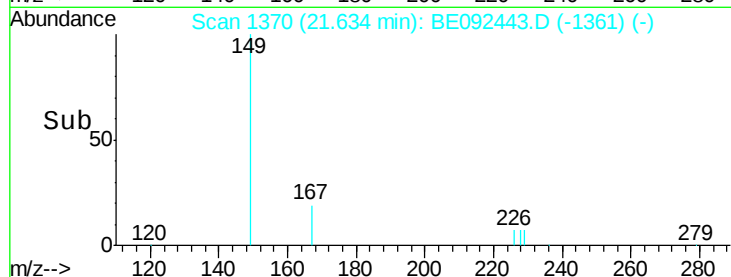
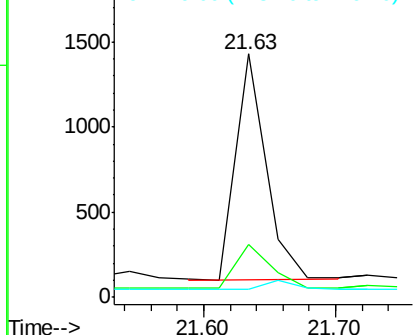
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:149 Resp: 2141
 Ion Ratio Lower Upper
 149 100
 167 23.3 16.0 24.0
 279 0.0 16.0 24.0#

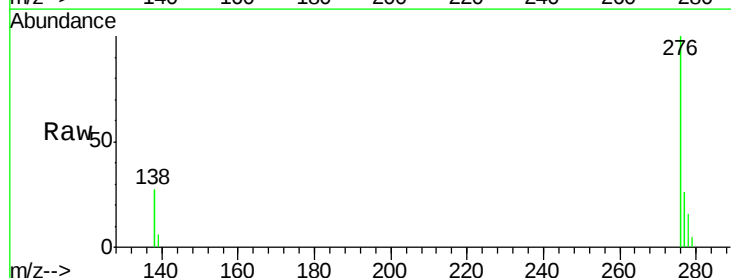


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

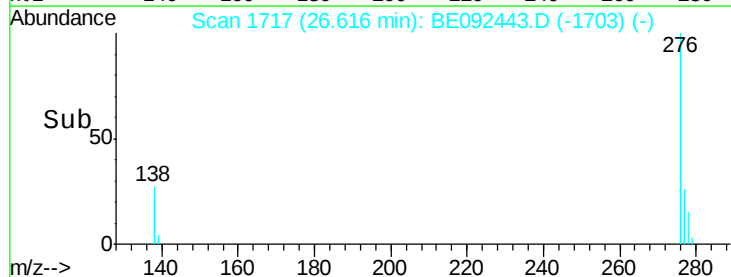
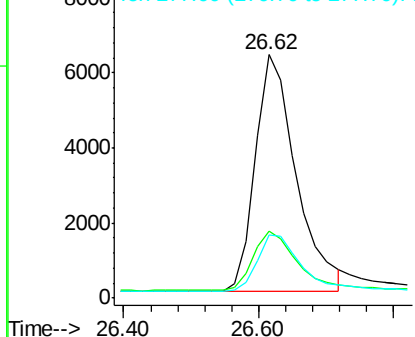


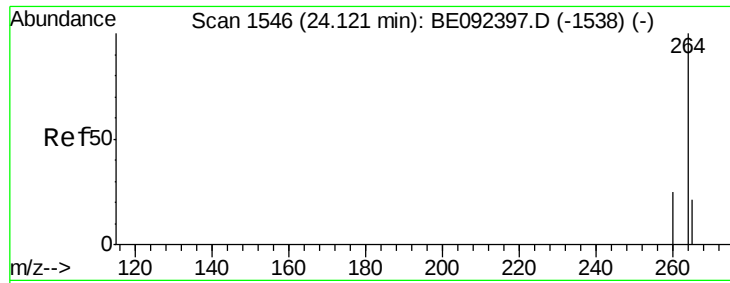
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng
 RT: 26.62 min Scan# 1717
 Delta R.T. 0.03 min
 Lab File: BE092443.D
 Acq: 7 Oct 2016 11:53

Tgt Ion:276 Resp: 26455
 Ion Ratio Lower Upper
 276 100
 138 26.9 20.3 30.5
 277 24.7 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: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

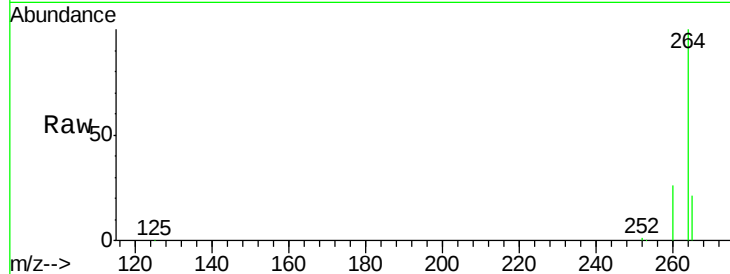
Tgt Ion:264 Resp: 69190

Ion Ratio Lower Upper

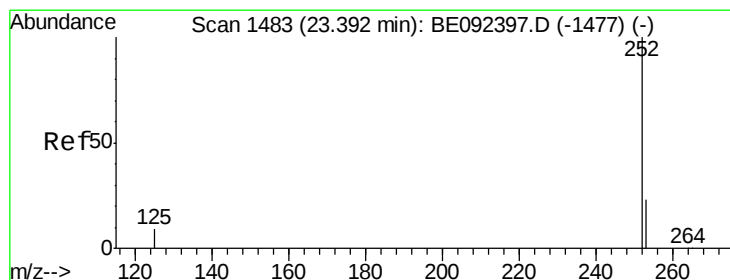
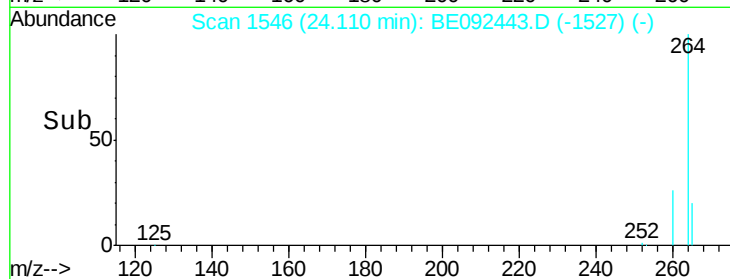
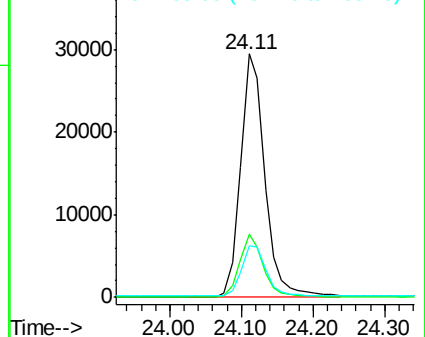
264 100

260 25.9 20.1 30.1

265 20.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 0.37 ng

RT: 23.38 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

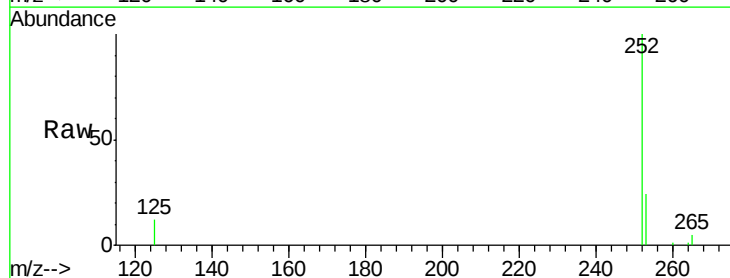
Tgt Ion:252 Resp: 6248

Ion Ratio Lower Upper

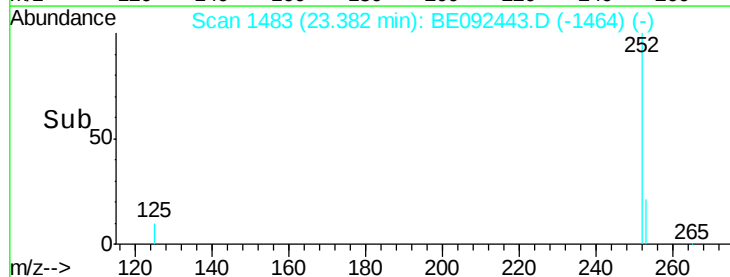
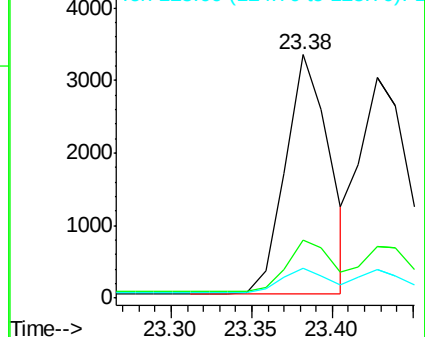
252 100

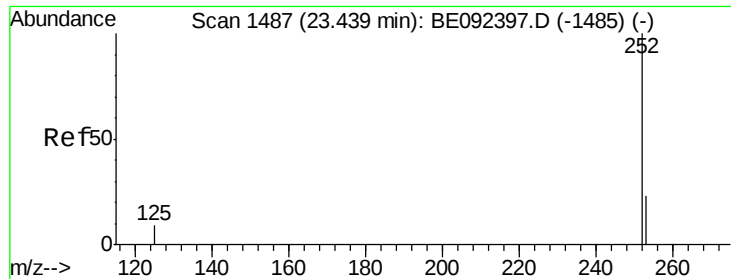
253 23.7 18.7 28.1

125 12.4 10.5 15.7



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





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.43 min Scan# 1487

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

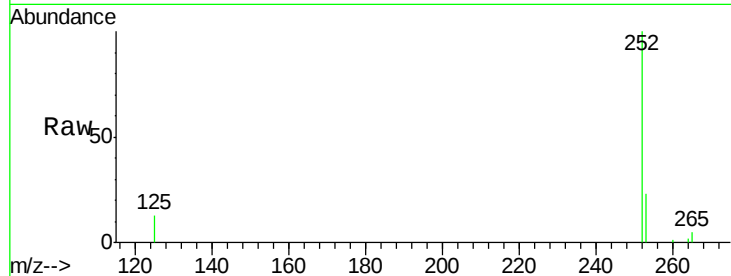
Tgt Ion:252 Resp: 6811

Ion Ratio Lower Upper

252 100

253 23.5 20.3 30.5

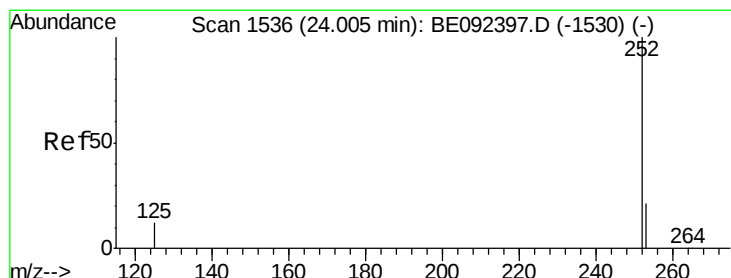
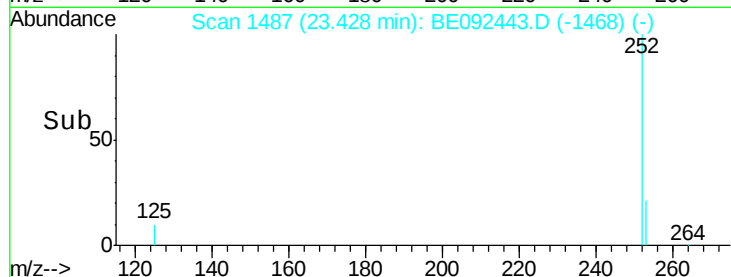
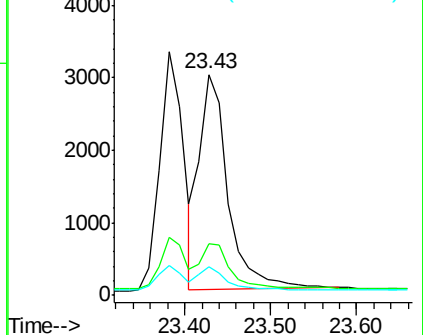
125 12.7 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.36 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

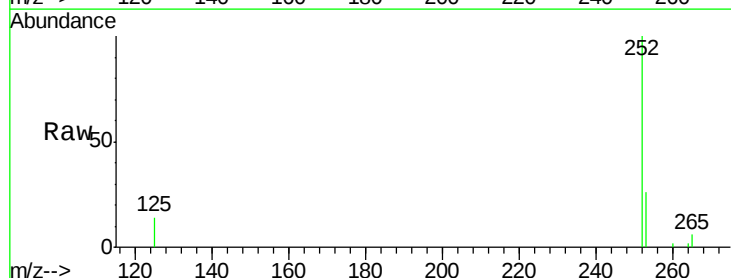
Tgt Ion:252 Resp: 5963

Ion Ratio Lower Upper

252 100

253 25.6 19.0 28.6

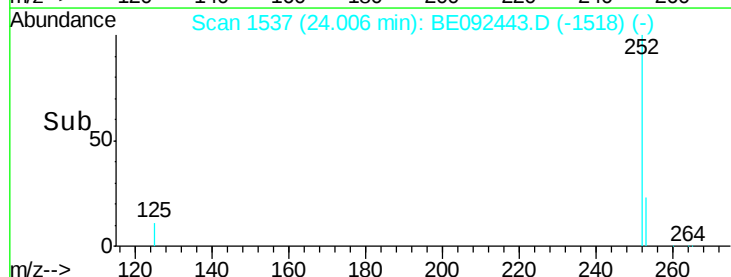
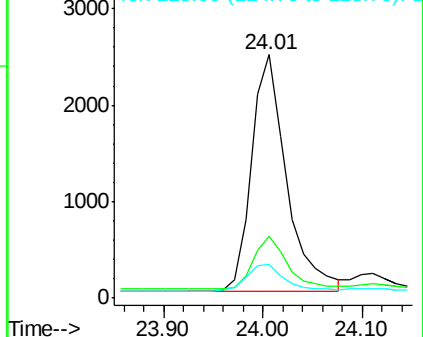
125 13.7 11.8 17.8

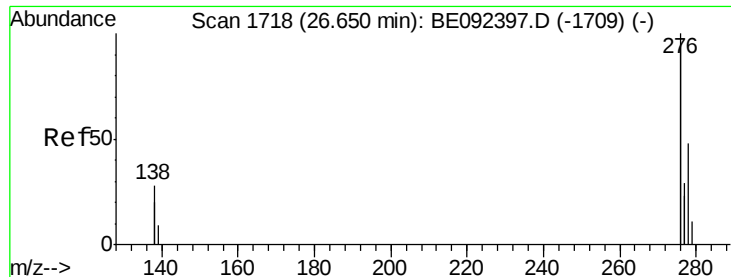


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.05 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

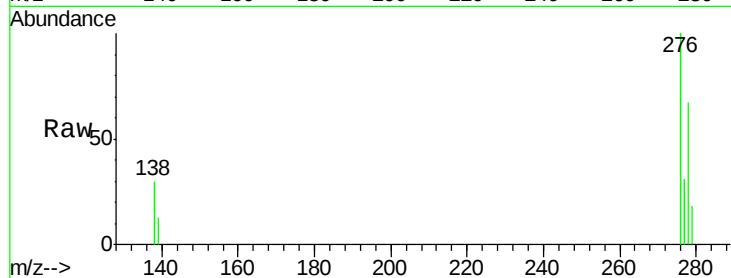
Tgt Ion: 278 Resp: 5292

Ion Ratio Lower Upper

278 100

139 19.8 13.8 20.8

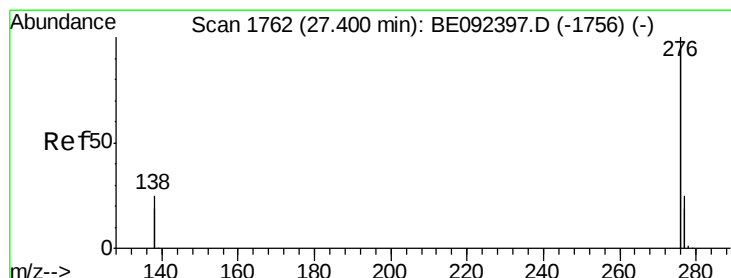
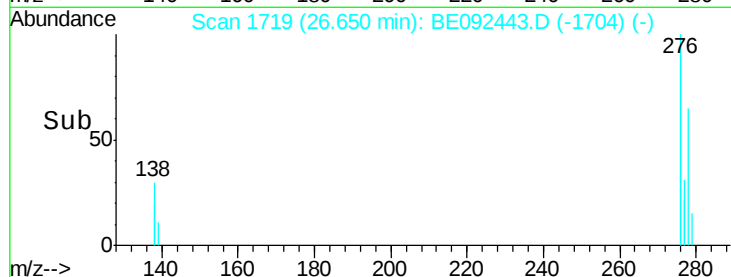
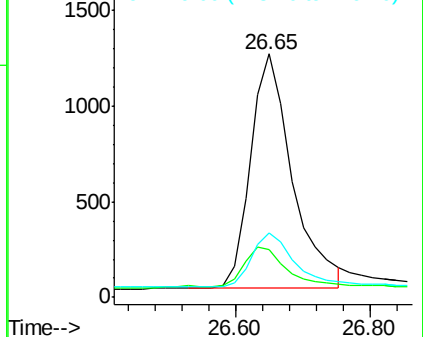
279 26.4 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BE092443.D

Acq: 7 Oct 2016 11:53

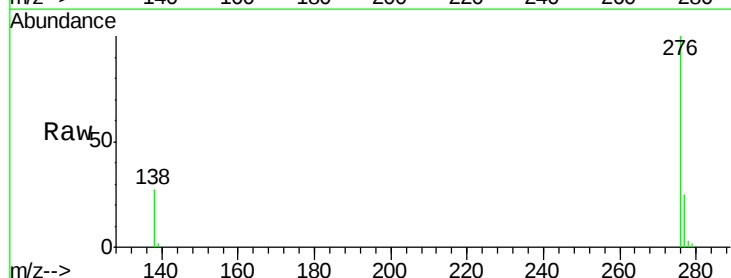
Tgt Ion: 276 Resp: 24004

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 26.6 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

