

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080216\
 Data File : BE092116.D
 Acq On : 2 Aug 2016 18:13
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Aug 03 03:53:18 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	11192	5.00	ng	0.01
6) Naphthalene-d8	10.99	136	50895	5.00	ng	0.00
10) Acenaphthene-d10	14.85	164	28589	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	61585	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	77861	5.00	ng	0.00
28) Perylene-d12	24.14	264	80086	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.71	112	955	0.33	ng	0.01
5) Phenol-d6	7.35	99	1306	0.34	ng	0.00
7) Nitrobenzene-d5	9.35	82	1484	0.37	ng	0.00
11) 2,4,6-Tribromophenol	16.33	330	293	0.32	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	3446	0.38	ng	0.00
24) Terphenyl-d14	20.21	244	4163	0.37	ng	0.00

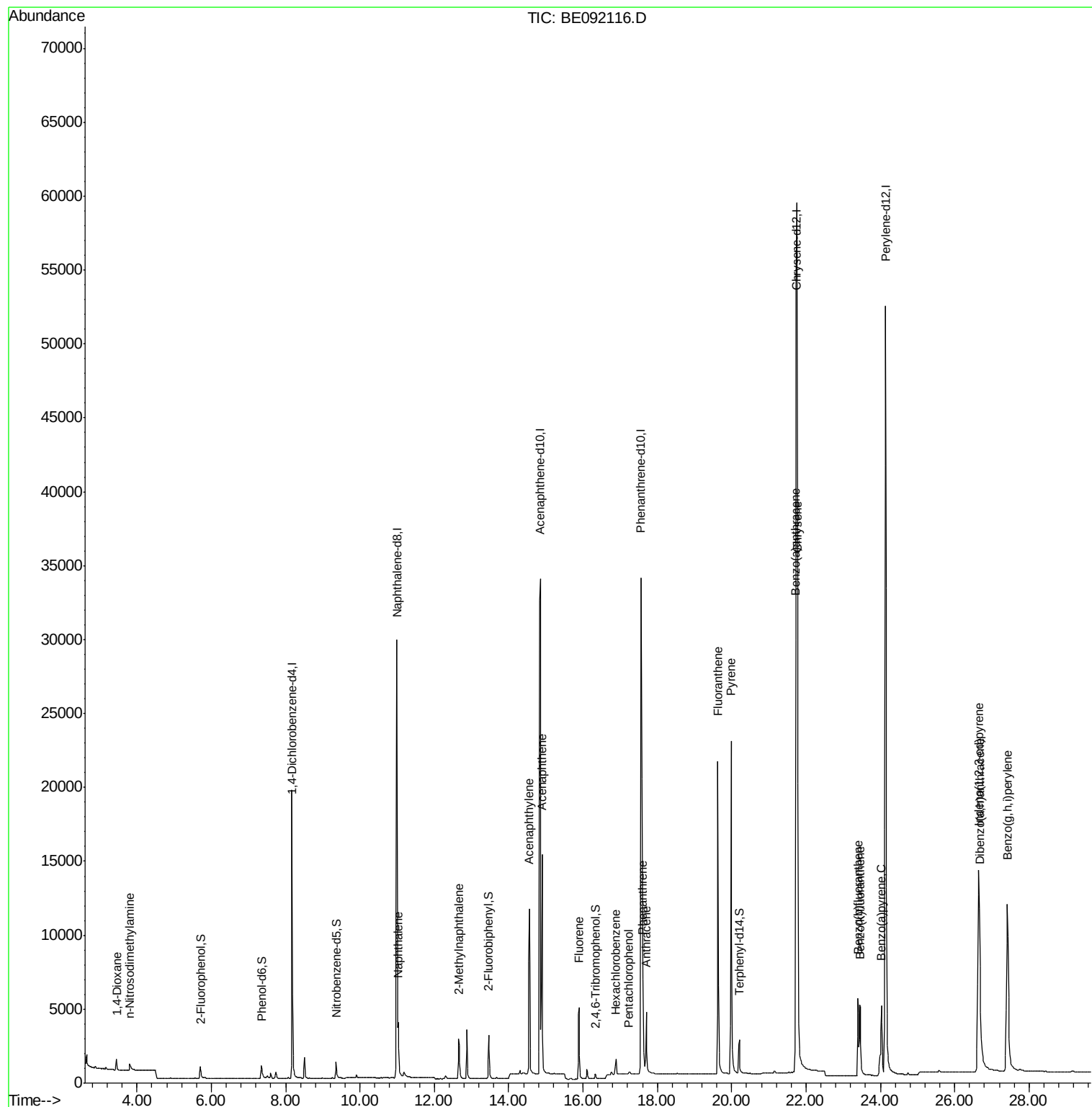
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	649	0.43	ng	97
3) n-Nitrosodimethylamine	3.80	42	641	0.39	ng	95
8) Naphthalene	11.03	128	4485	0.40	ng	98
9) 2-Methylnaphthalene	12.65	142	2739	0.39	ng	# 88
13) Acenaphthylene	14.56	152	18584	0.37	ng	98
14) Acenaphthene	14.90	154	3116	0.39	ng	# 96
15) Fluorene	15.89	166	3738	0.37	ng	100
17) Hexachlorobenzene	16.89	284	1220	0.41	ng	# 60
18) Pentachlorophenol	17.24	266	235	0.40	ng	95
19) Phenanthrene	17.60	178	6840	0.37	ng	99
20) Anthracene	17.70	178	5878	0.36	ng	99
21) Fluoranthene	19.63	202	27857	0.37	ng	97
23) Pyrene	19.99	202	30098	0.37	ng	98
25) Benzo(a)anthracene	21.72	228	31362	0.37	ng	# 91
26) Chrysene	21.77	228	32923	0.38	ng	# 84
27) Indeno(1,2,3-cd)pyrene	26.65	276	35334	0.38	ng	100
29) Benzo(b)fluoranthene	23.40	252	7602	0.35	ng	99
30) Benzo(k)fluoranthene	23.45	252	8322	0.38	ng	97
31) Benzo(a)pyrene	24.02	252	7539	0.37	ng	96
32) Dibenzo(a,h)anthracene	26.67	278	7012	0.36	ng	100
33) Benzo(g,h,i)perylene	27.42	276	30907	0.38	ng	98

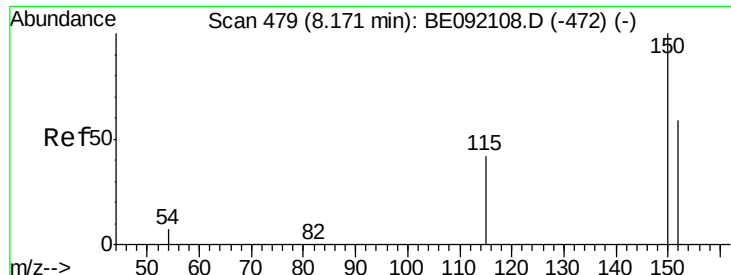
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 480

Delta R.T. 0.01 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

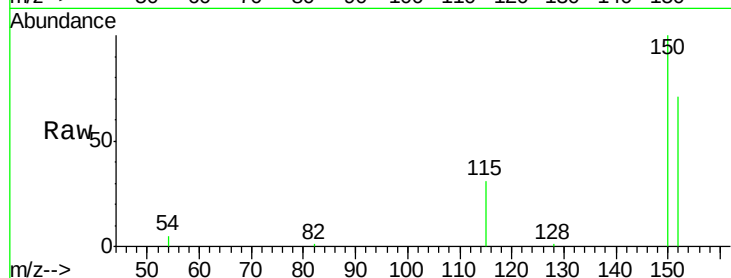
Tgt Ion:152 Resp: 11192

Ion Ratio Lower Upper

152 100

150 141.1 106.0 159.0

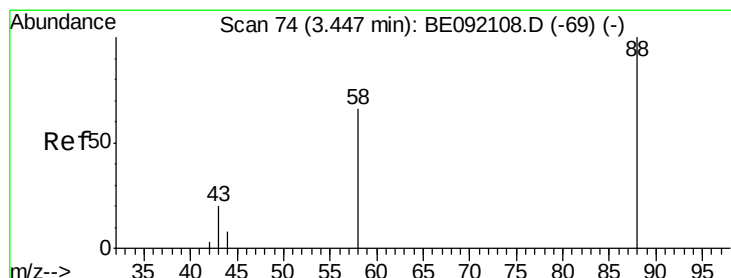
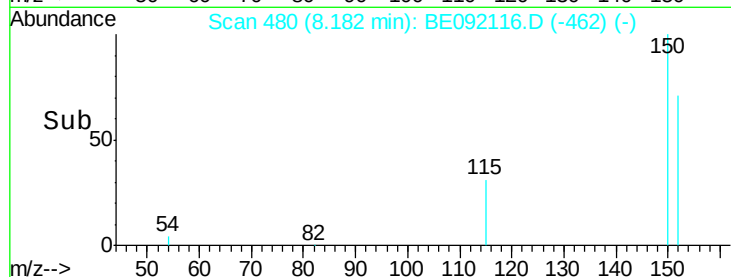
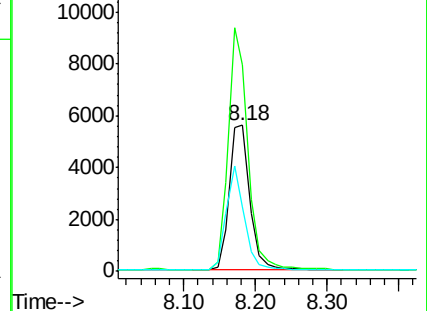
115 43.8 36.9 55.3



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: 0.43 ng

RT: 3.45 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

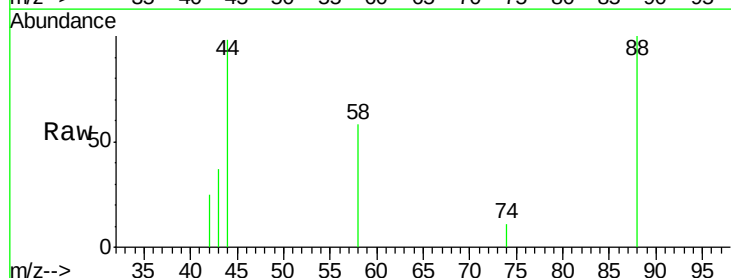
Tgt Ion: 88 Resp: 649

Ion Ratio Lower Upper

88 100

58 75.8 62.1 93.1

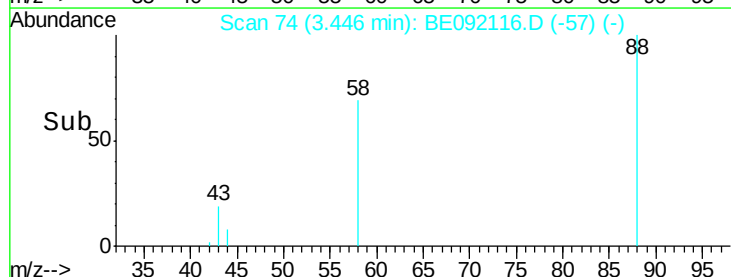
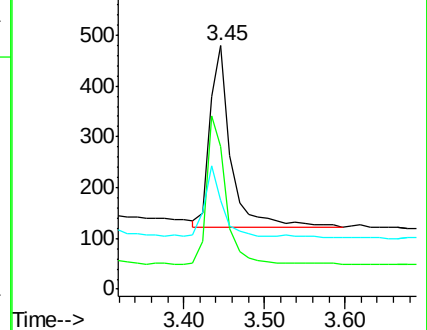
43 31.9 27.2 40.8

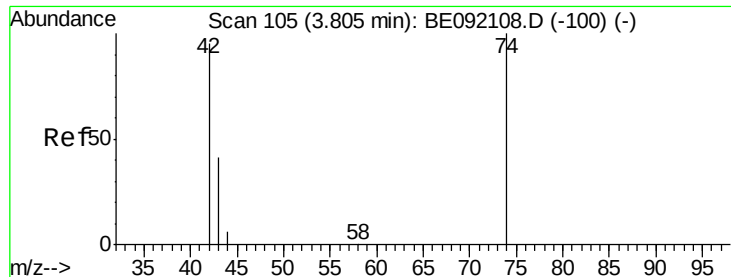


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.80 min Scan# 105

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

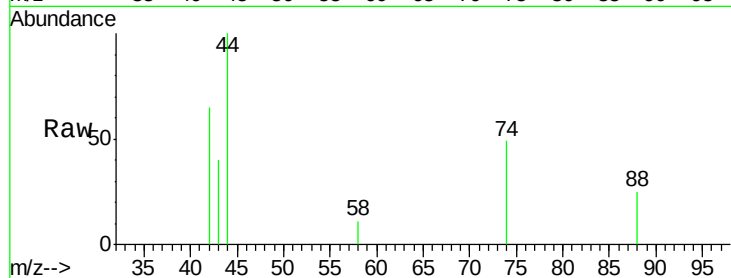
Tgt Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

74 108.9 82.8 124.2

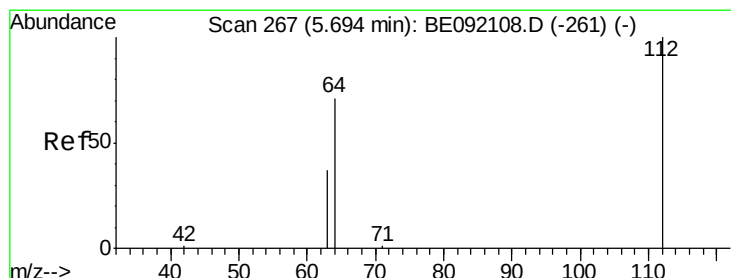
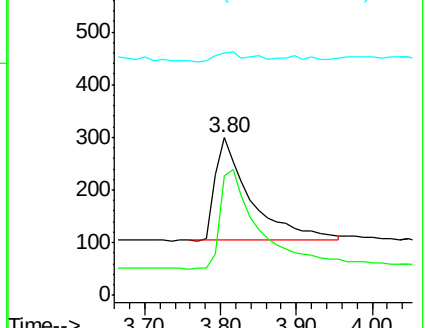
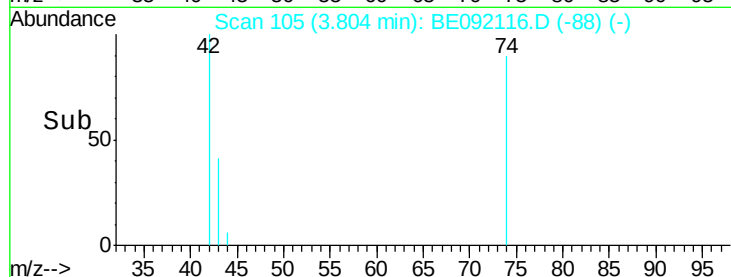
44 10.1 9.0 13.4



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: 0.33 ng

RT: 5.71 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

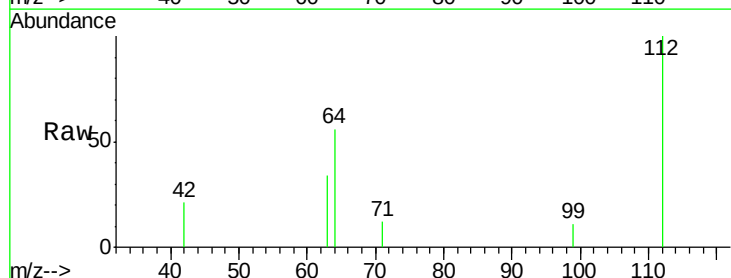
Tgt Ion: 112 Resp: 955

Ion Ratio Lower Upper

112 100

64 68.3 55.9 83.9

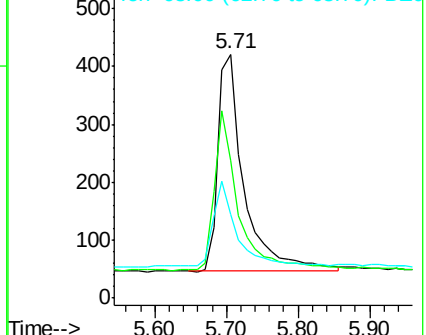
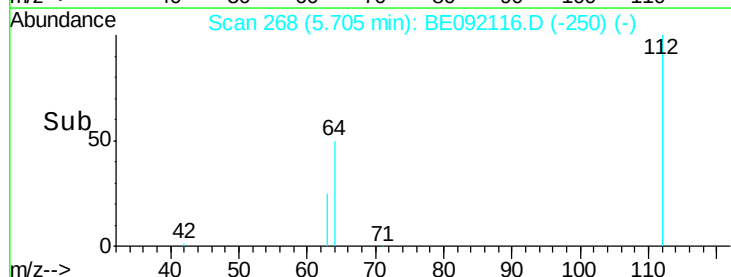
63 37.6 31.1 46.7

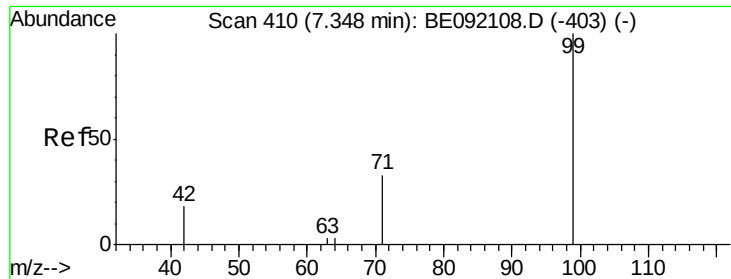


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.35 min Scan# 410

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

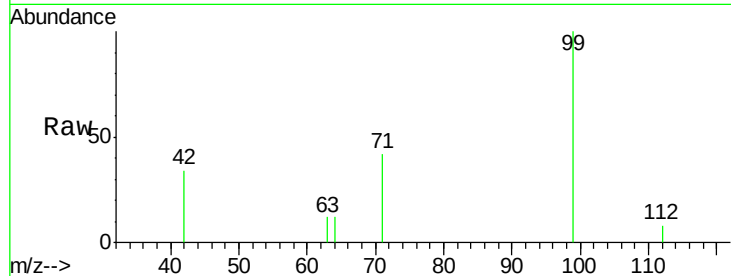
Tgt Ion: 99 Resp: 1306

Ion Ratio Lower Upper

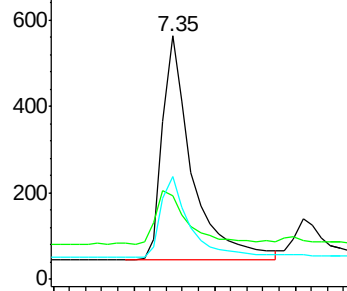
99 100

42 25.0 22.4 33.6

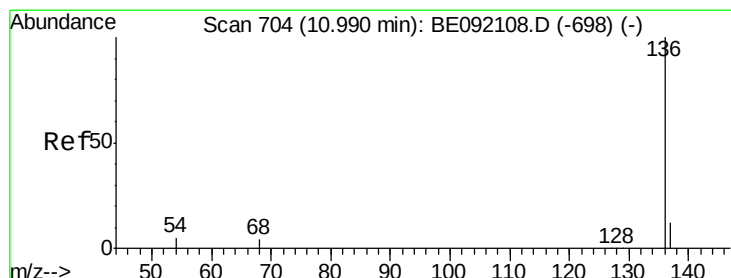
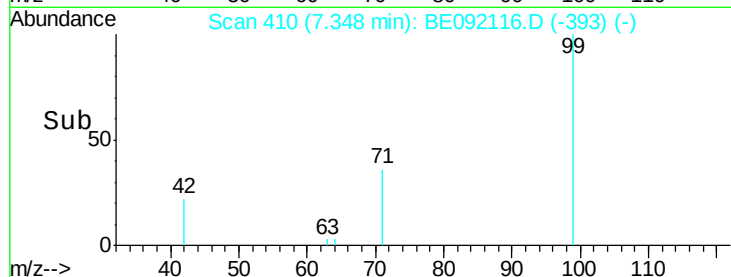
71 36.5 28.9 43.3



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--> 7.20 7.30 7.40 7.50



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 704

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Tgt Ion: 136 Resp: 50895

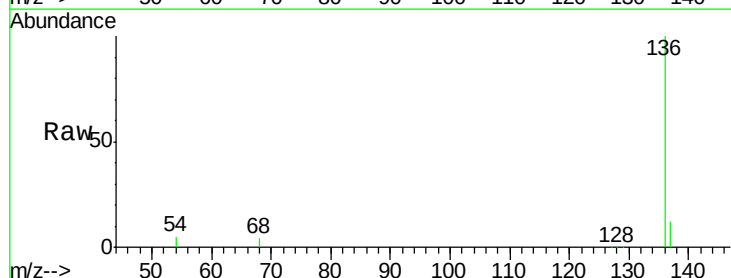
Ion Ratio Lower Upper

136 100

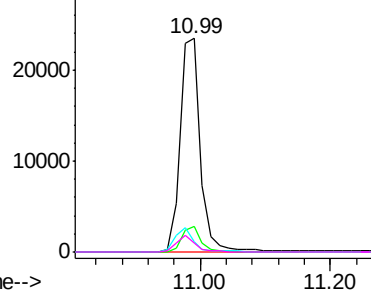
137 11.8 9.1 13.7

54 4.9 2.7 4.1#

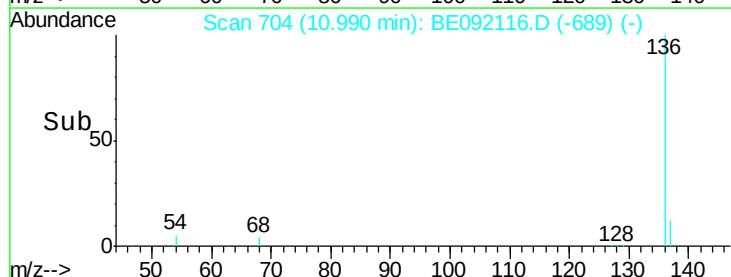
68 4.0 2.2 3.4#

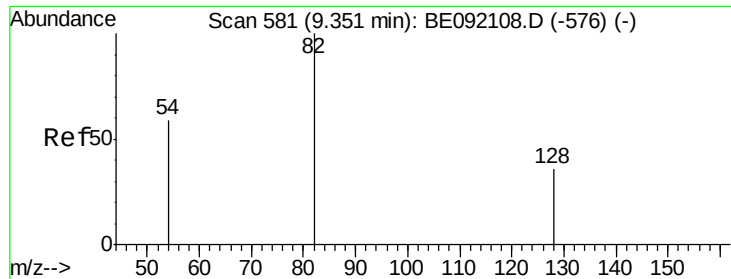


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time--> 11.00 11.20





#7

Nitrobenzene-d5

Concen: 0.37 ng

RT: 9.35 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

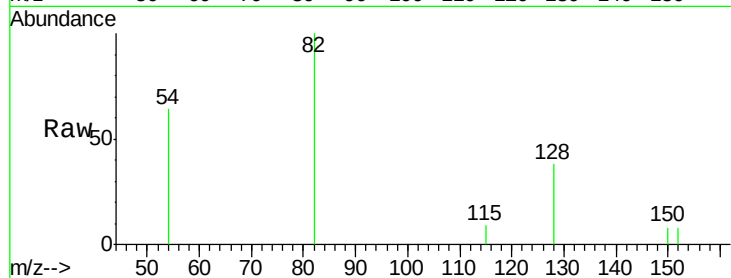
Tgt Ion: 82 Resp: 1484

Ion Ratio Lower Upper

82 100

128 37.6 33.0 49.4

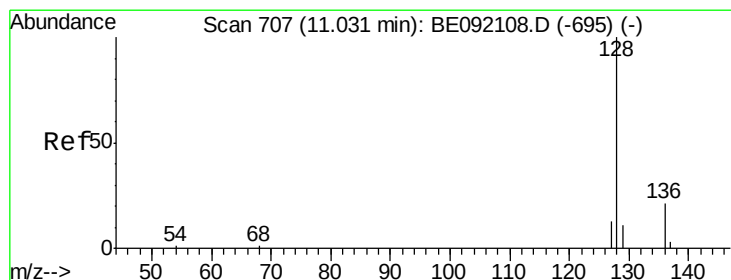
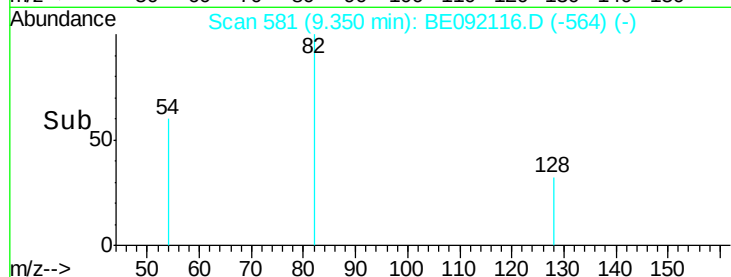
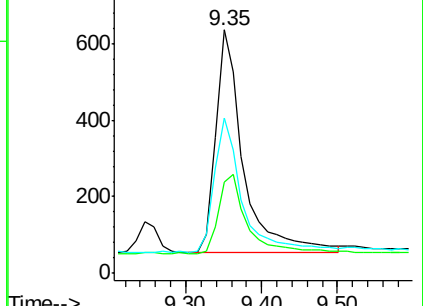
54 64.0 42.6 63.8#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Naphthalene

Concen: 0.40 ng

RT: 11.03 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

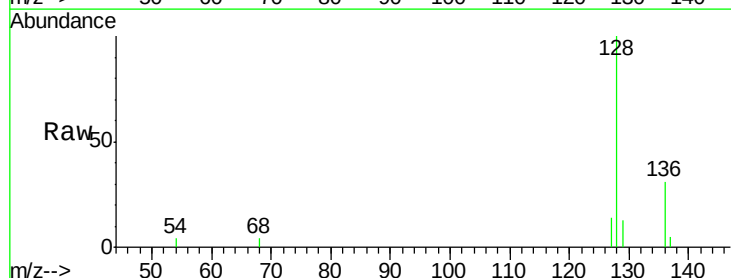
Tgt Ion: 128 Resp: 4485

Ion Ratio Lower Upper

128 100

129 12.6 11.1 16.7

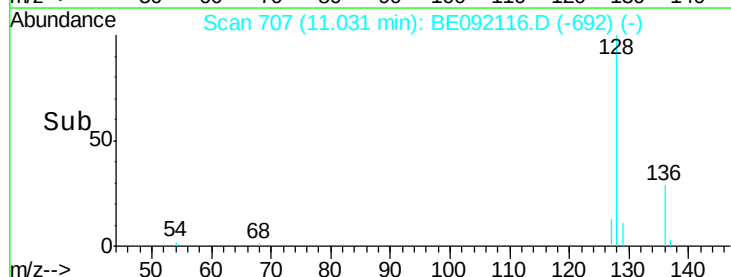
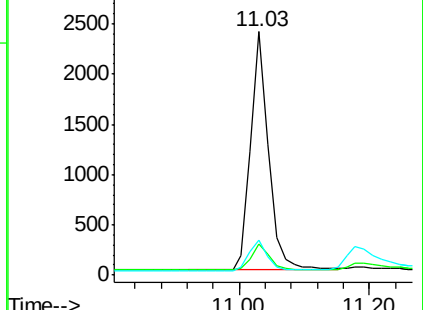
127 14.4 11.3 16.9

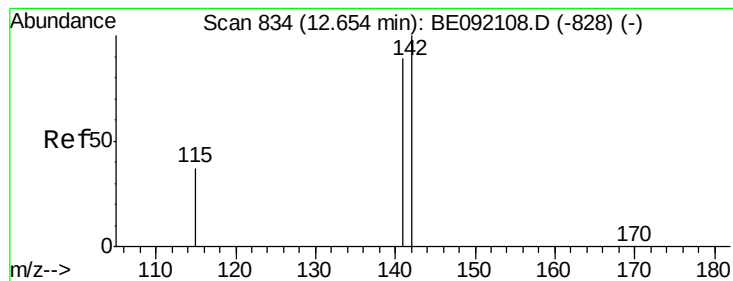


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#9

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.65 min Scan# 834

Delta R.T. 0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

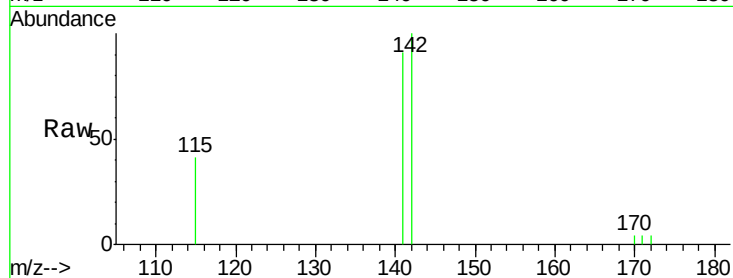
Tgt Ion:142 Resp: 2739

Ion Ratio Lower Upper

142 100

141 91.3 65.1 97.7

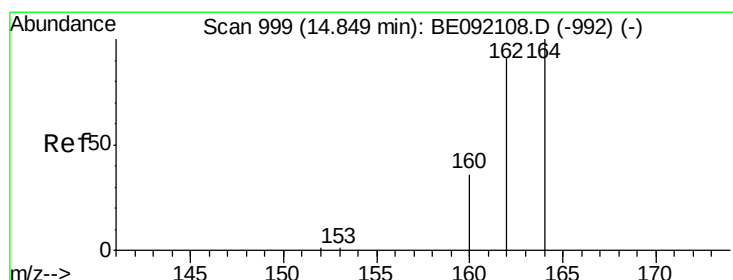
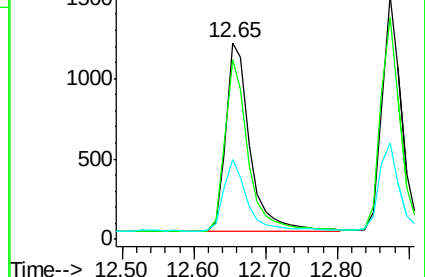
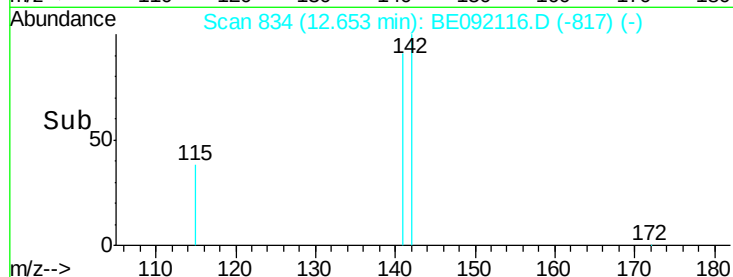
115 40.8 27.0 40.4#



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.85 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

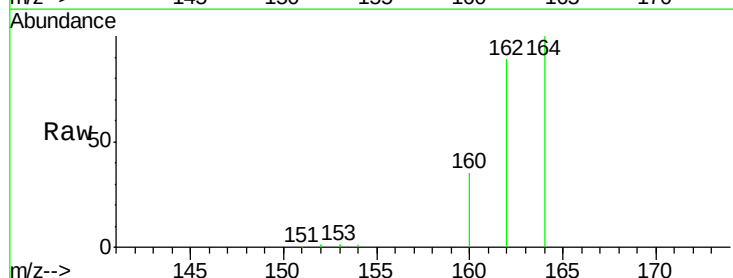
Tgt Ion:164 Resp: 28589

Ion Ratio Lower Upper

164 100

162 88.9 69.5 104.3

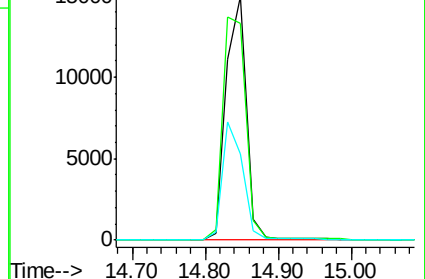
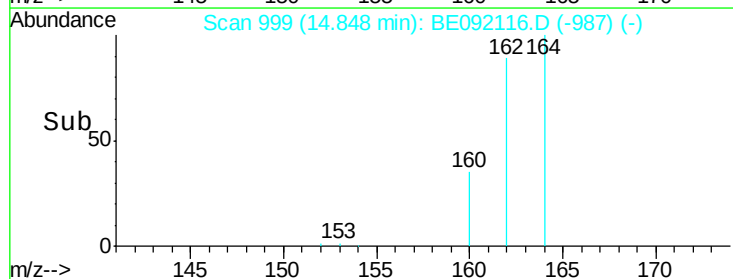
160 35.3 27.6 41.4

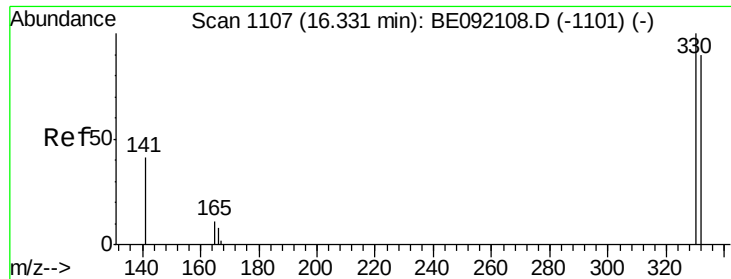


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

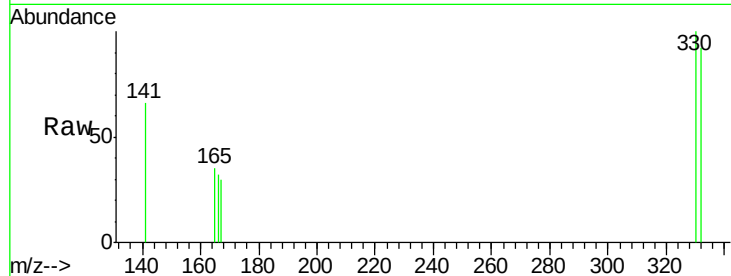




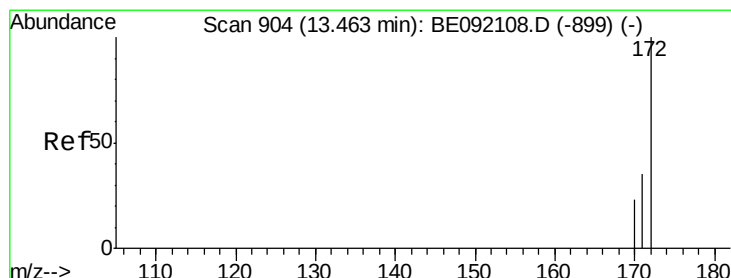
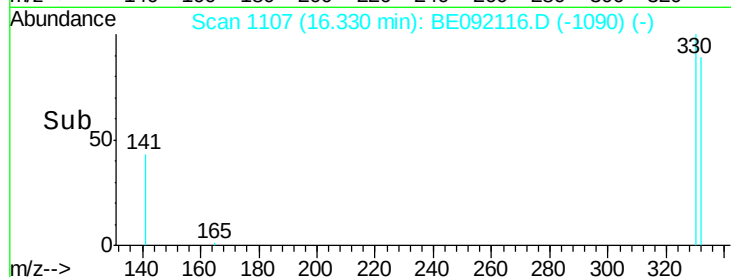
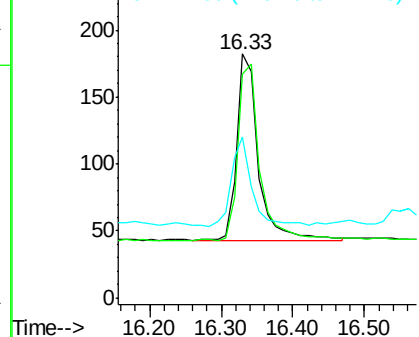
#11
 2,4,6-Tribromophenol
 Concen: 0.32 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Tgt Ion: 330 Resp: 293
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.2 111.4
 141 46.1 139.8 209.8#

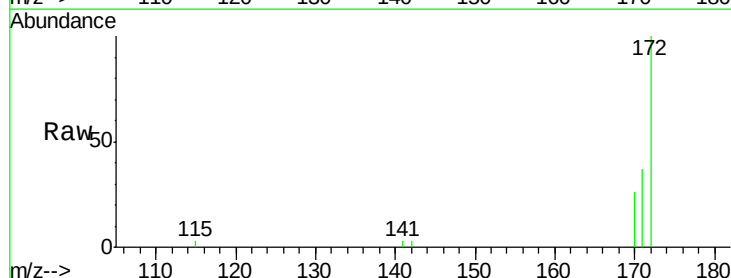


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

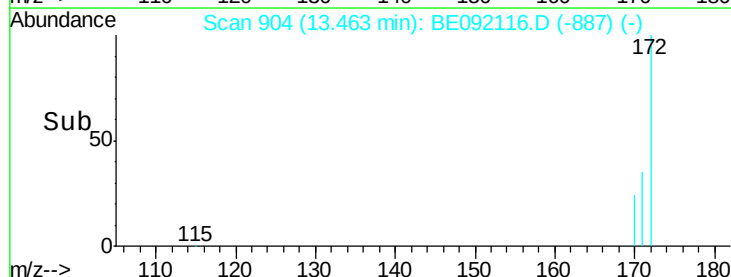
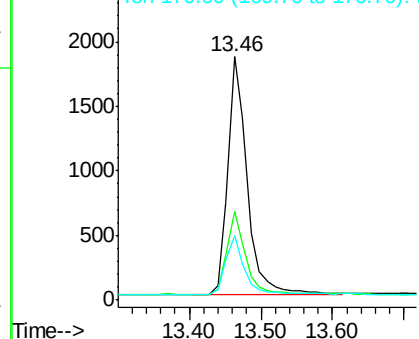


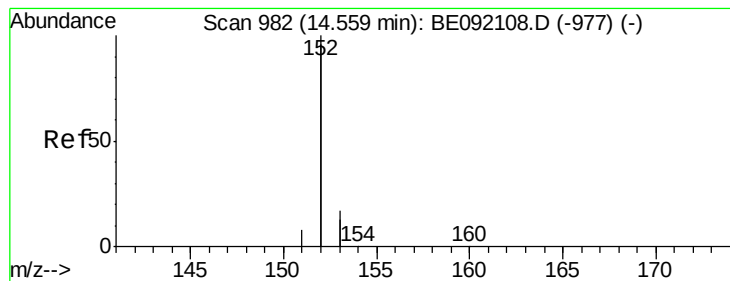
#12
 2-Fluorobiphenyl
 Concen: 0.38 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

Tgt Ion: 172 Resp: 3446
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.3 45.5
 170 26.3 21.6 32.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 0.37 ng

RT: 14.56 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

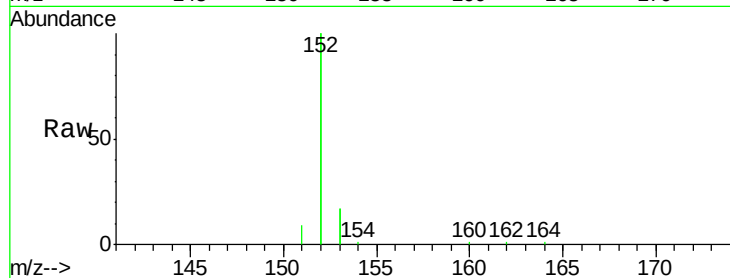
Tgt Ion:152 Resp: 18584

Ion Ratio Lower Upper

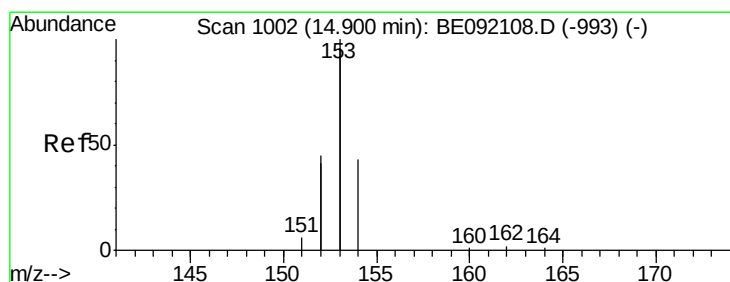
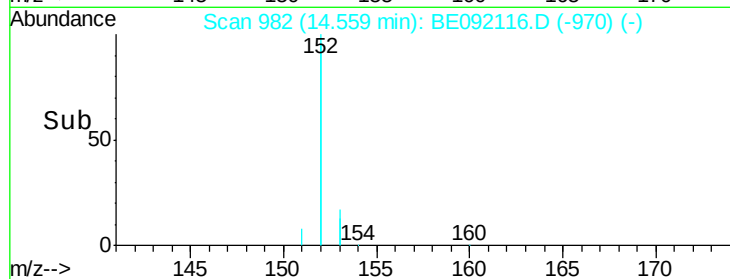
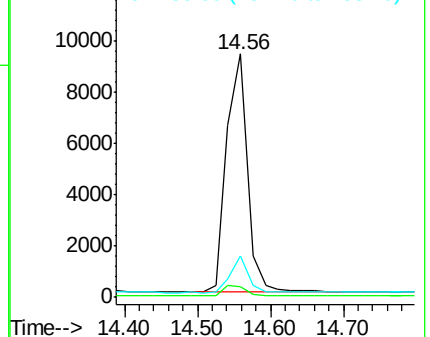
152 100

151 4.9 4.0 6.0

153 13.3 9.6 14.4



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



#14

Acenaphthene

Concen: 0.39 ng

RT: 14.90 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

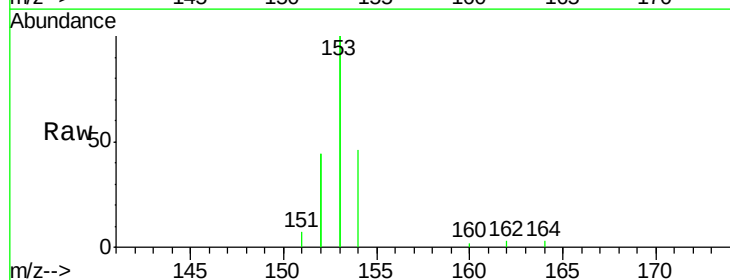
Tgt Ion:154 Resp: 3116

Ion Ratio Lower Upper

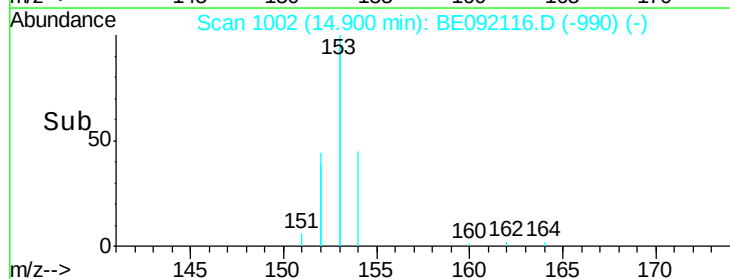
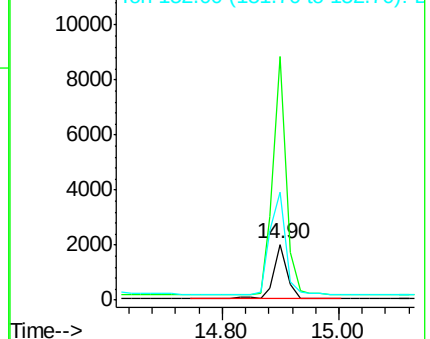
154 100

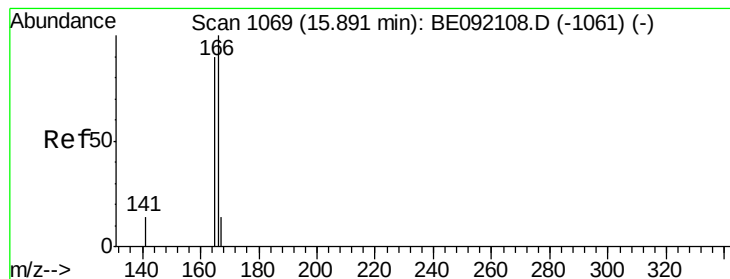
153 441.1 345.1 517.7

152 217.9 0.0 0.0#



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





#15

Fluorene

Concen: 0.37 ng

RT: 15.89 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

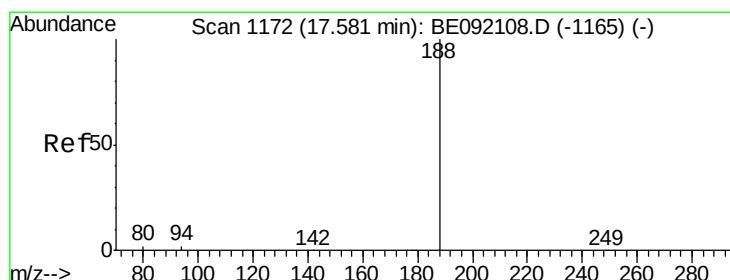
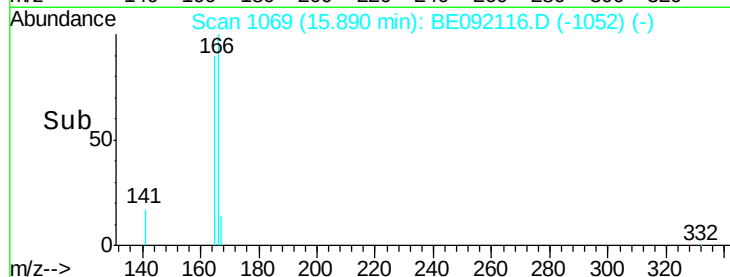
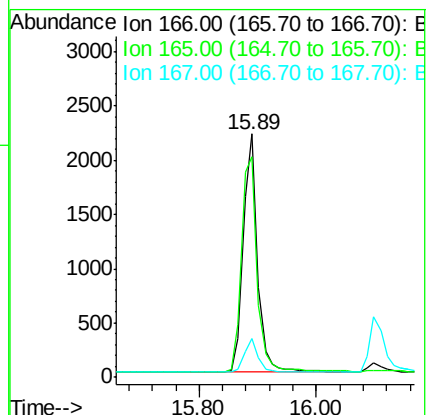
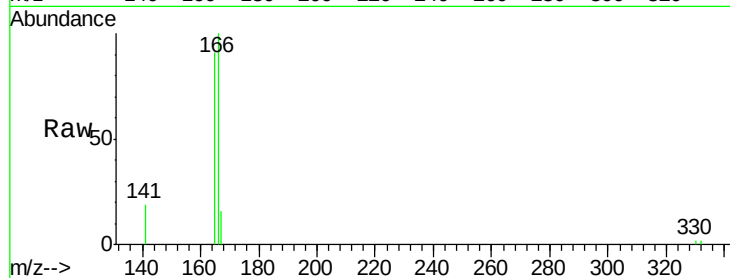
Tgt Ion:166 Resp: 3738

Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

167 13.5 11.1 16.7



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

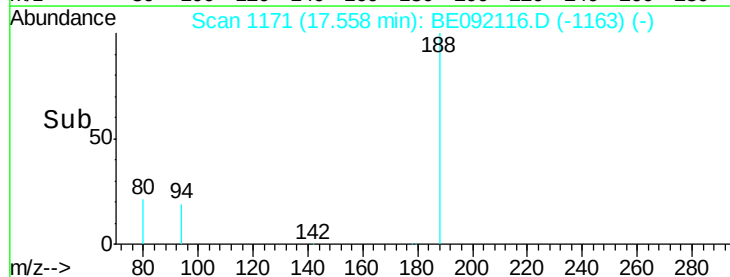
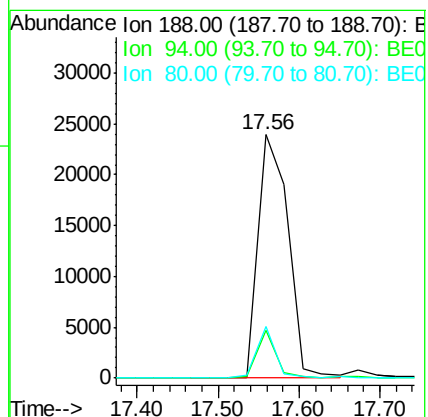
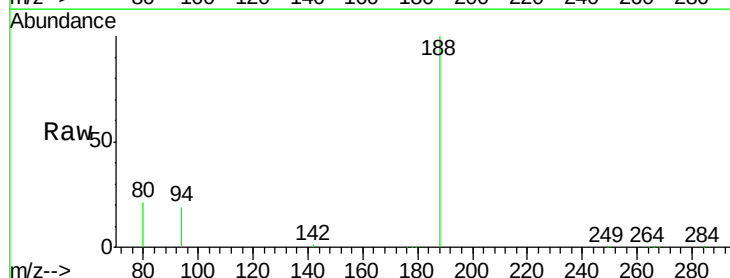
Tgt Ion:188 Resp: 61585

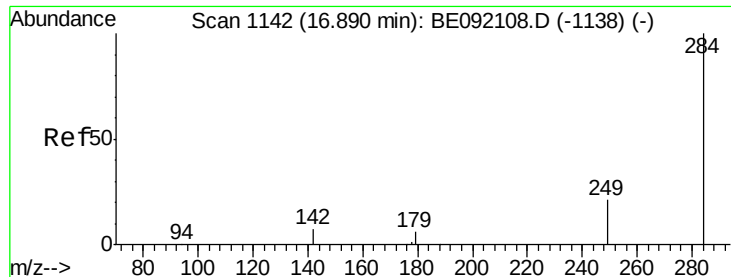
Ion Ratio Lower Upper

188 100

94 19.5 3.9 5.9#

80 21.0 3.4 5.0#

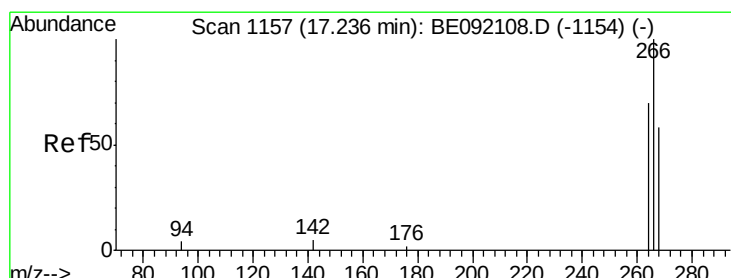
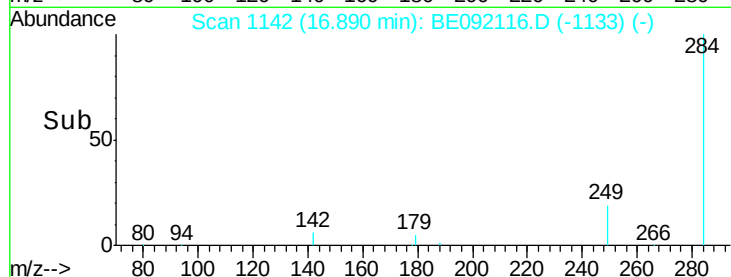
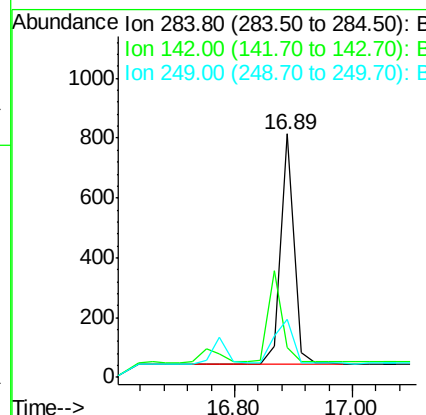
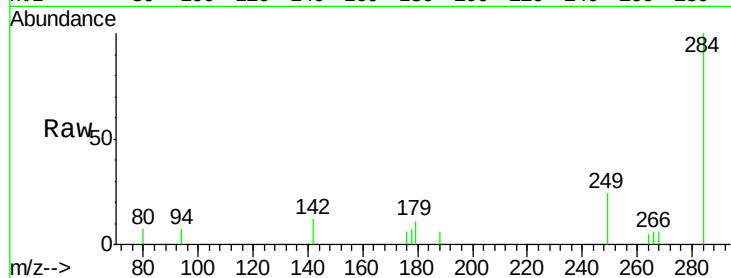




#17
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BE092116.D
Acq: 2 Aug 2016 18:13

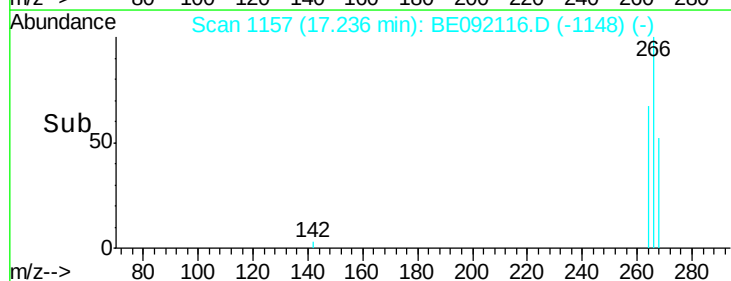
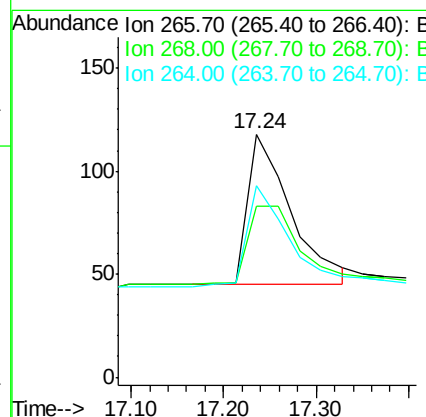
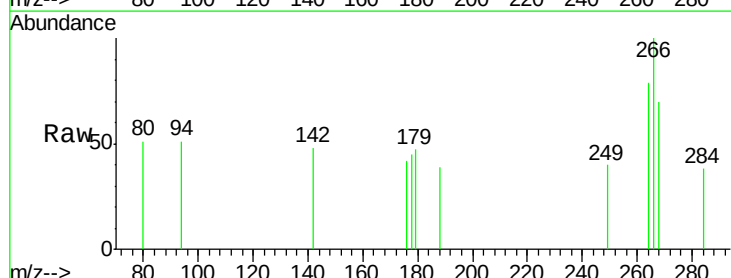
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

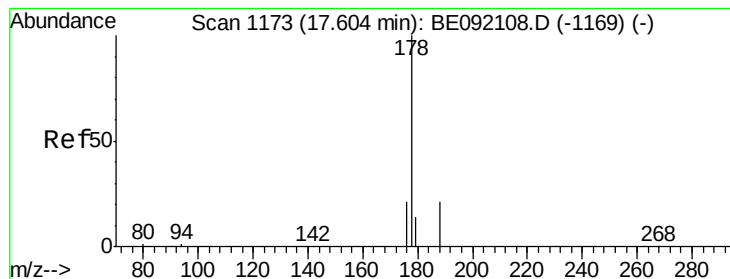
Tgt Ion: 284 Resp: 1220
Ion Ratio Lower Upper
284 100
142 0.0 33.3 49.9#
249 28.0 25.4 38.0



#18
Pentachlorophenol
Concen: 0.40 ng
RT: 17.24 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE092116.D
Acq: 2 Aug 2016 18:13

Tgt Ion: 266 Resp: 235
Ion Ratio Lower Upper
266 100
268 70.3 62.7 94.1
264 78.8 63.5 95.3





#19

Phenanthrene

Concen: 0.37 ng

RT: 17.60 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

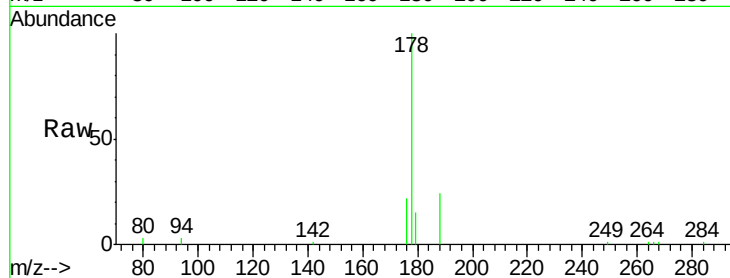
BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:178 Resp: 6840

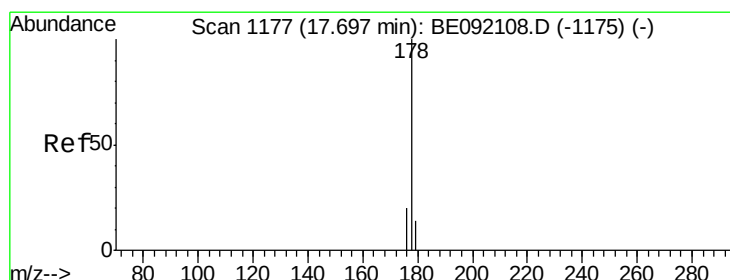
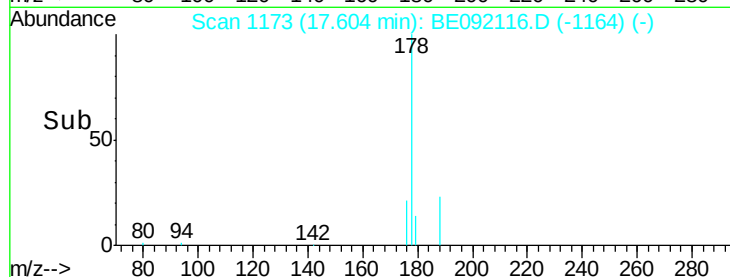
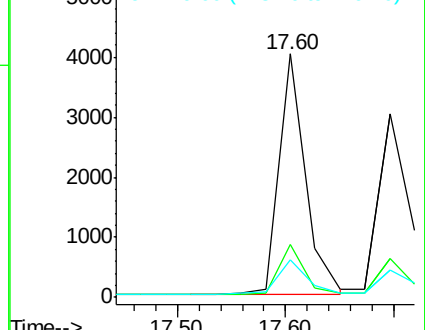
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	15.9	12.7	19.1



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



#20

Anthracene

Concen: 0.36 ng

RT: 17.70 min Scan# 1177

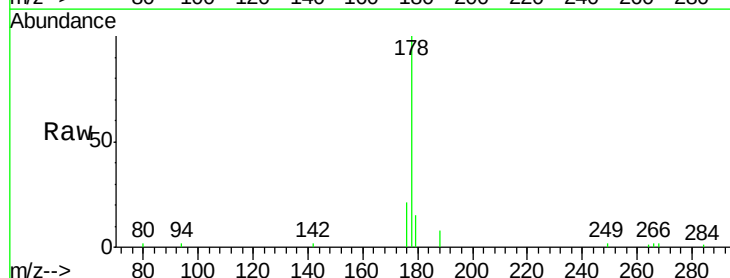
Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Tgt Ion:178 Resp: 5878

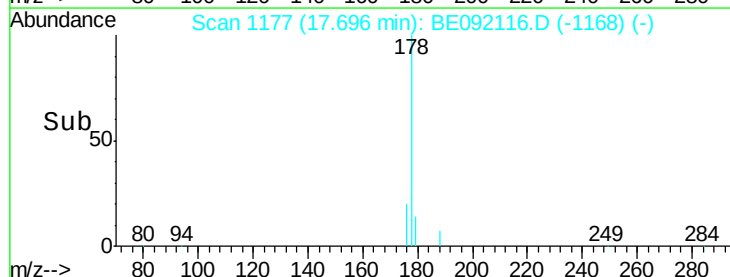
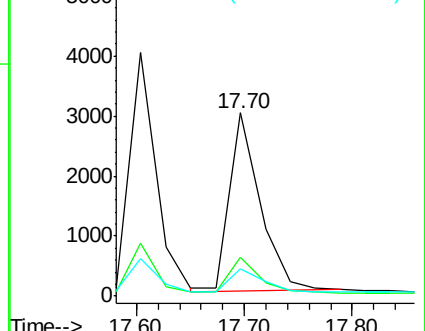
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.6	12.2	18.4

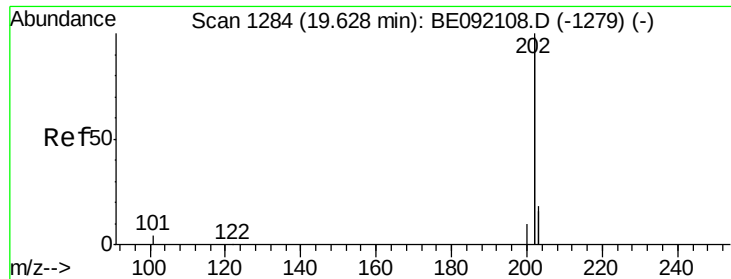


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

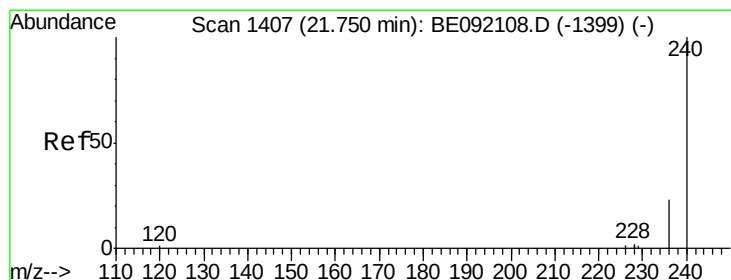
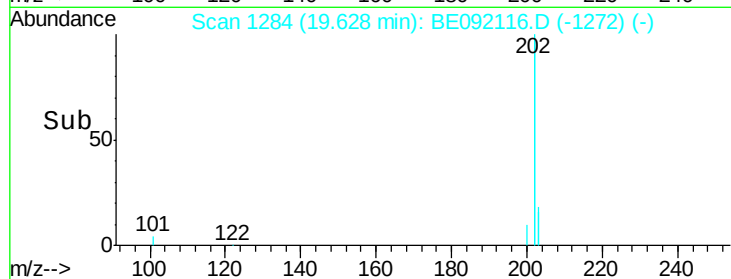
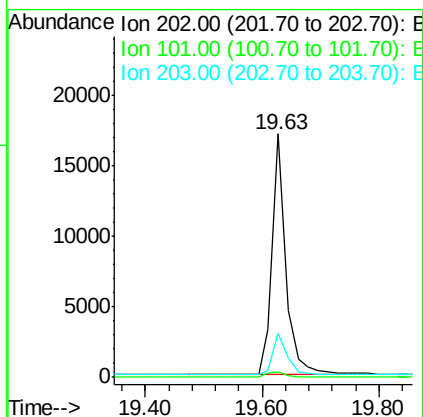
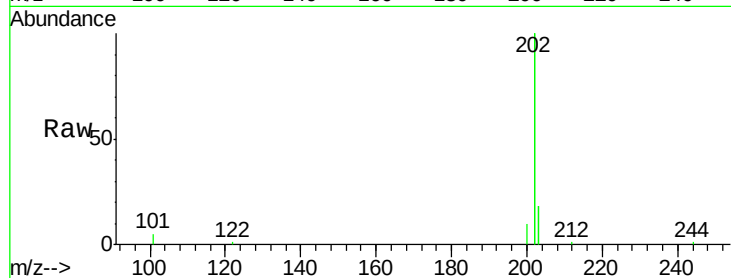




#21
Fluoranthene
Concen: 0.37 ng
RT: 19.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BE092116.D
Acq: 2 Aug 2016 18:13

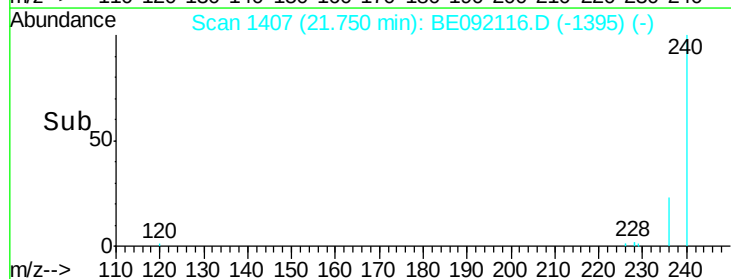
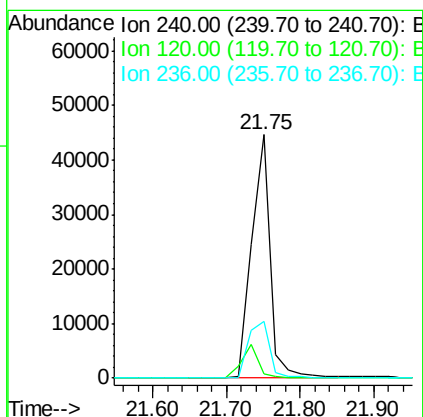
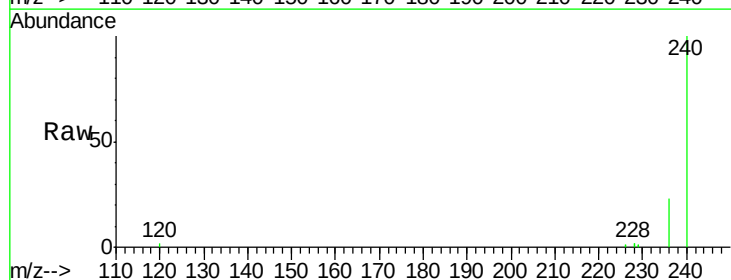
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

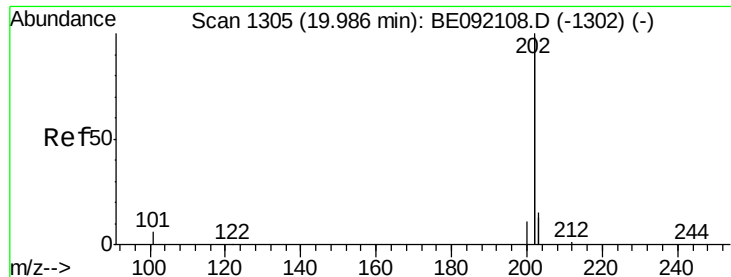
Tgt Ion: 202 Resp: 27857
Ion Ratio Lower Upper
202 100
101 2.8 2.2 3.2
203 17.7 13.0 19.4



#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092116.D
Acq: 2 Aug 2016 18:13

Tgt Ion: 240 Resp: 77861
Ion Ratio Lower Upper
240 100
120 1.6 0.6 1.0#
236 23.1 18.2 27.4

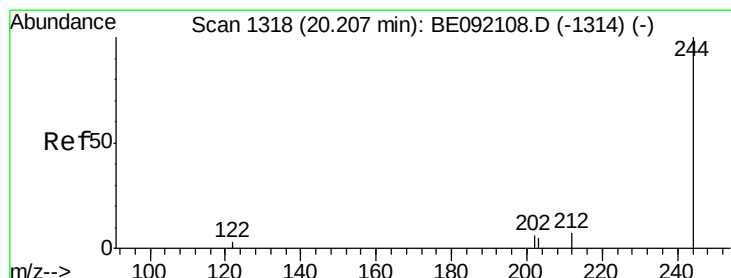
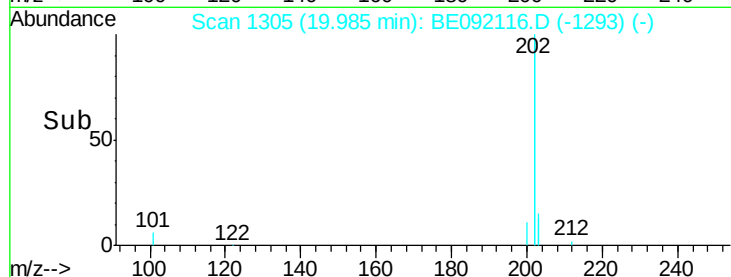
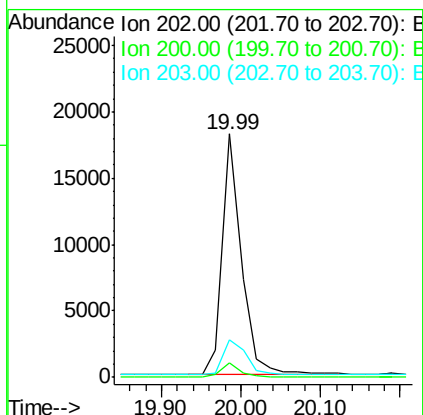
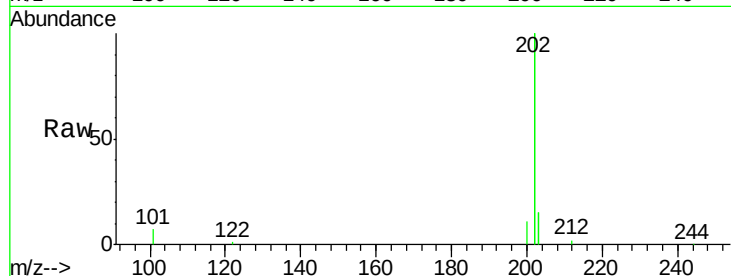




#23
 Pyrene
 Concen: 0.37 ng
 RT: 19.99 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

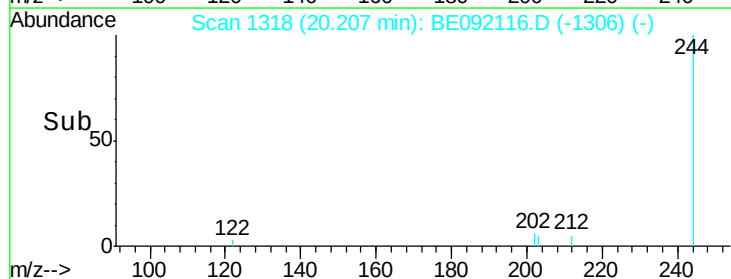
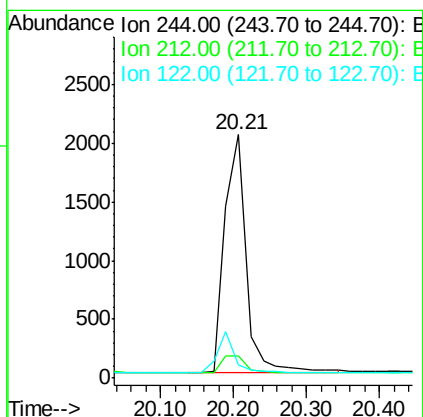
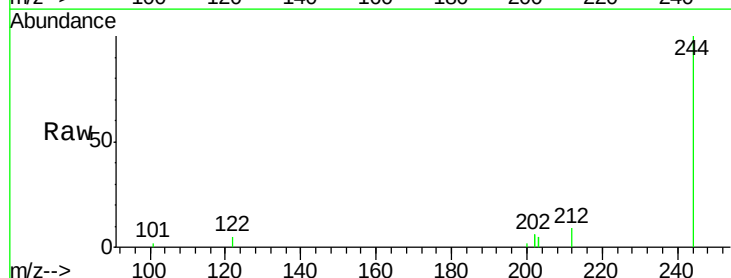
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

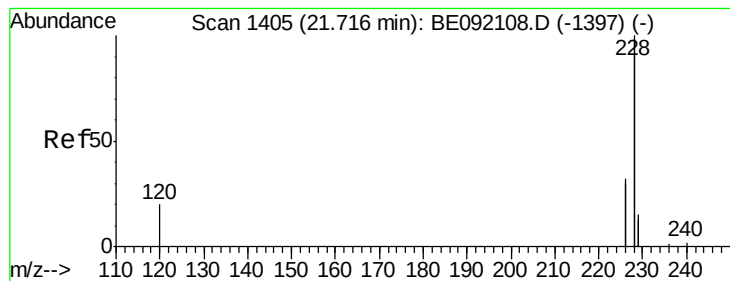
Tgt Ion: 202 Resp: 30098
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.4 6.6
 203 17.6 13.4 20.0



#24
 Terphenyl-d14
 Concen: 0.37 ng
 RT: 20.21 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

Tgt Ion: 244 Resp: 4163
 Ion Ratio Lower Upper
 244 100
 212 9.2 9.1 13.7
 122 5.4 11.0 16.4#





#25

Benzo(a)anthracene

Concen: 0.37 ng

RT: 21.72 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

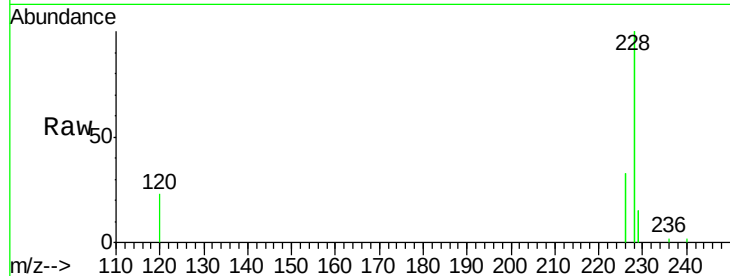
Tgt Ion:228 Resp: 31362

Ion Ratio Lower Upper

228 100

226 32.8 22.1 33.1

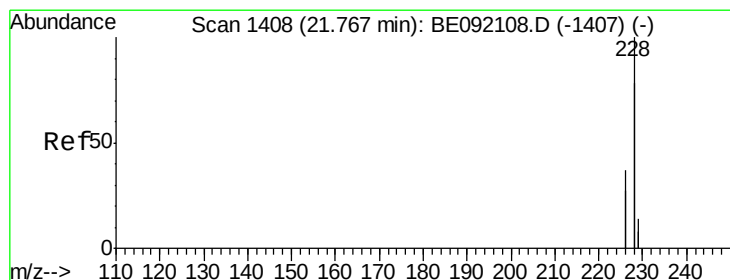
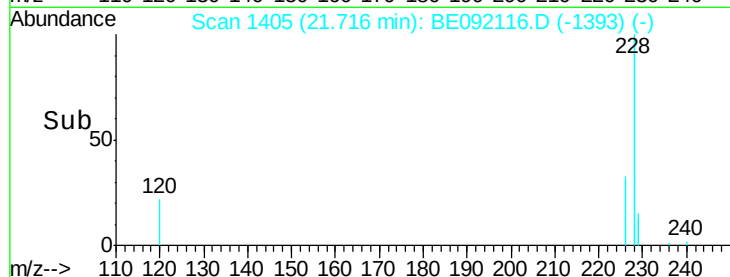
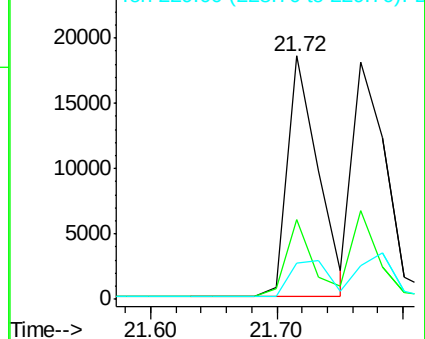
229 14.9 15.1 22.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#26

Chrysene

Concen: 0.38 ng

RT: 21.77 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

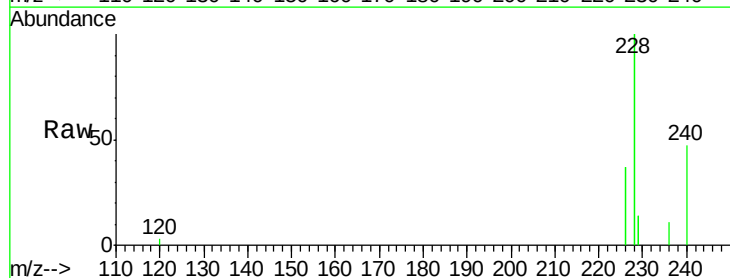
Tgt Ion:228 Resp: 32923

Ion Ratio Lower Upper

228 100

226 37.2 22.3 33.5#

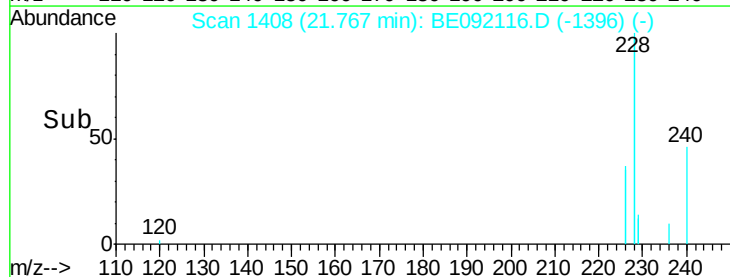
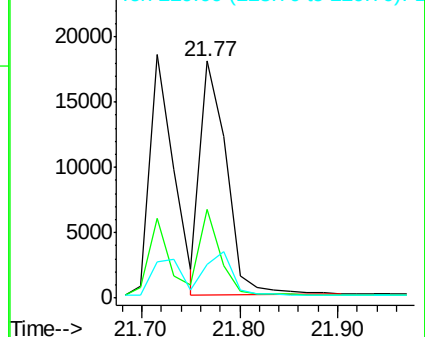
229 14.4 16.9 25.3#

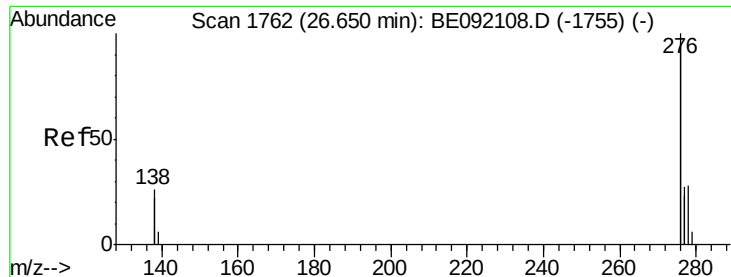


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

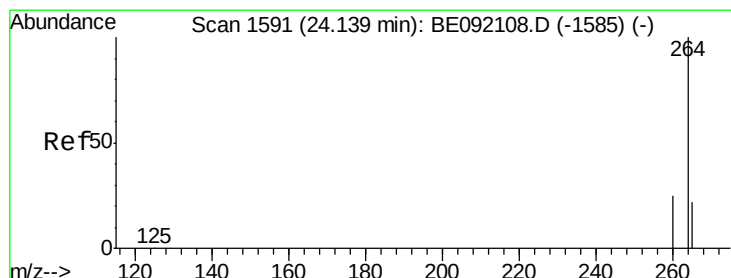
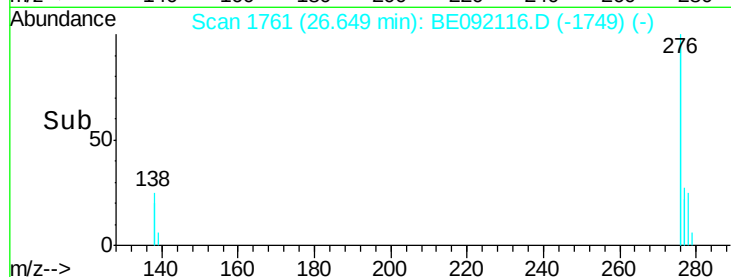
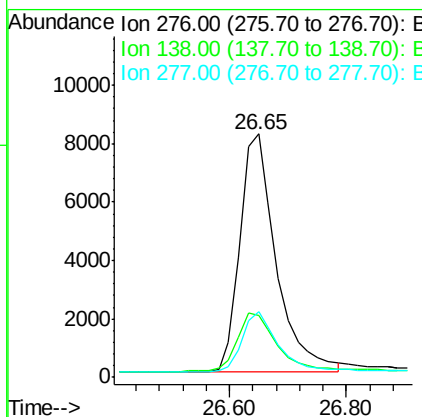
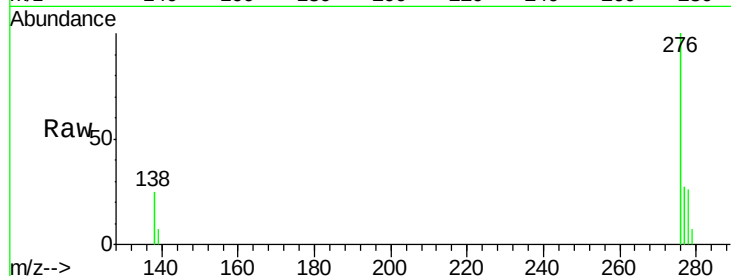




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.65 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

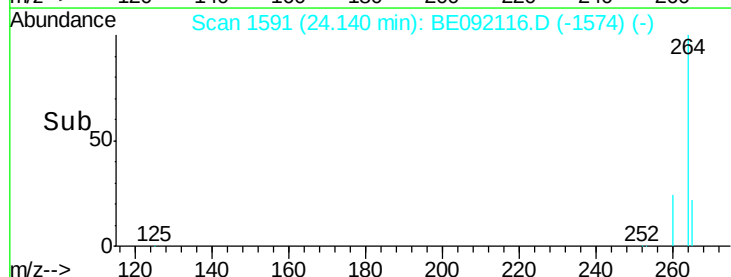
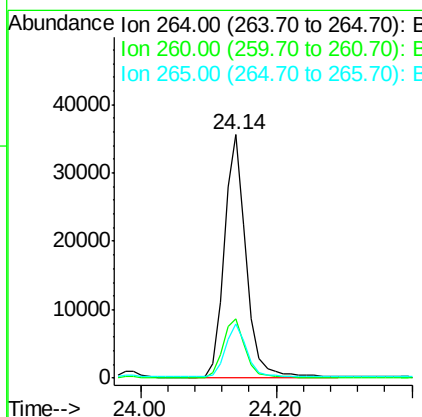
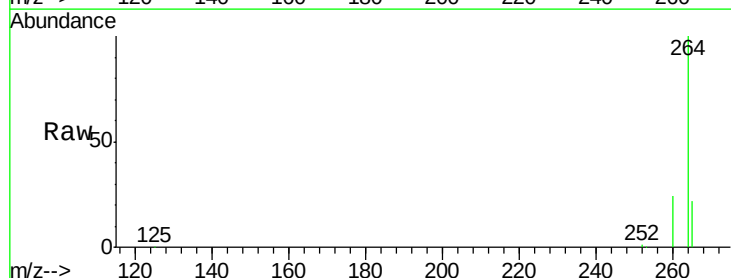
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

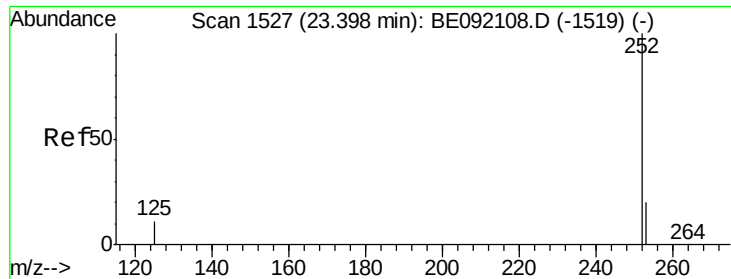
Tgt Ion: 276 Resp: 35334
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.2 31.8
 277 24.7 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092116.D
 Acq: 2 Aug 2016 18:13

Tgt Ion: 264 Resp: 80086
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.8 31.2
 265 22.1 16.6 25.0





#29

Benzo(b)fluoranthene

Concen: 0.35 ng

RT: 23.40 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

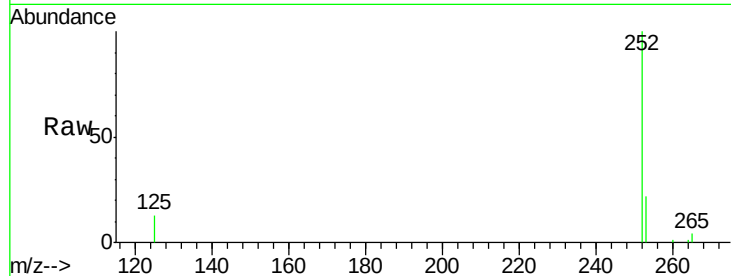
Tgt Ion:252 Resp: 7602

Ion Ratio Lower Upper

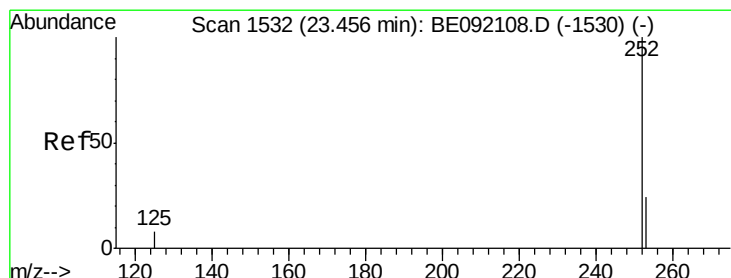
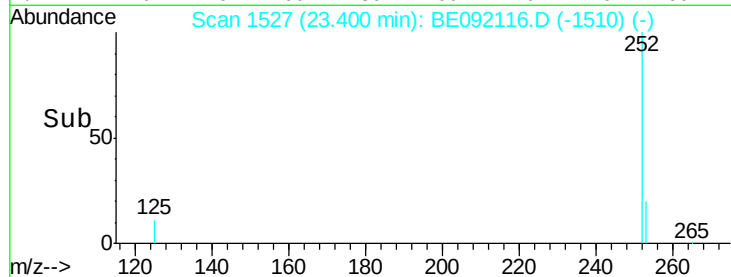
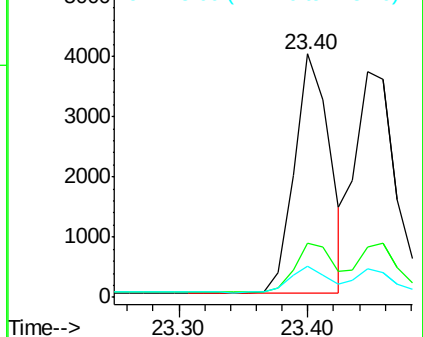
252 100

253 22.4 17.4 26.0

125 12.9 10.2 15.2



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



#30

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.45 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

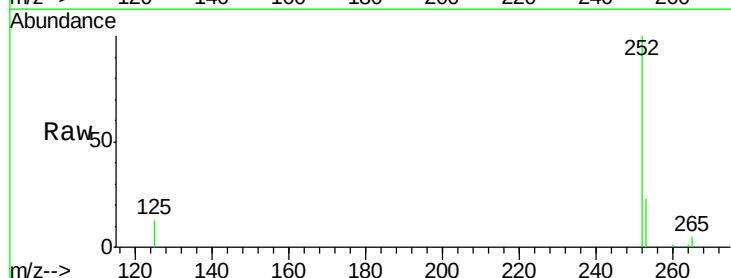
Tgt Ion:252 Resp: 8322

Ion Ratio Lower Upper

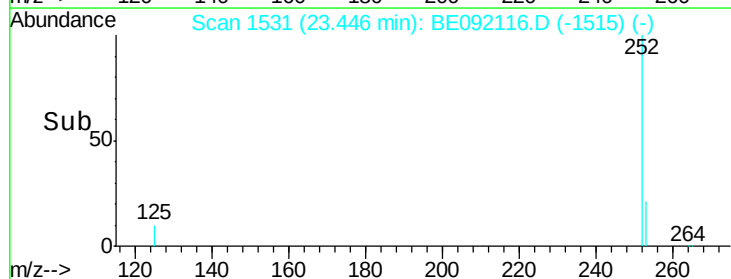
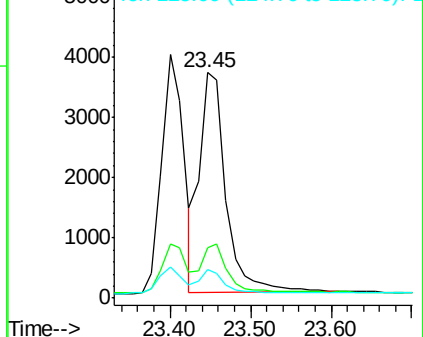
252 100

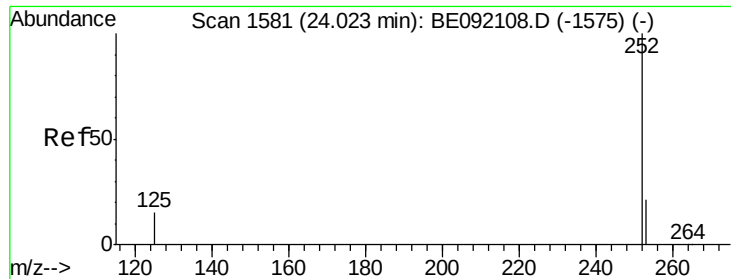
253 22.6 19.4 29.0

125 12.5 8.9 13.3



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





#31

Benzo(a)pyrene

Concen: 0.37 ng

RT: 24.02 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

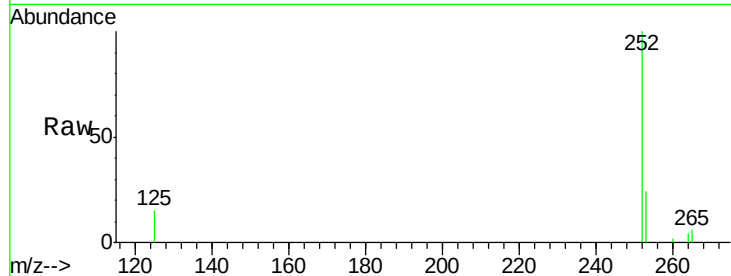
Tgt Ion:252 Resp: 7539

Ion Ratio Lower Upper

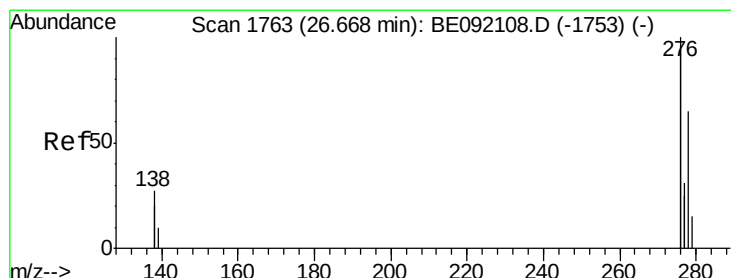
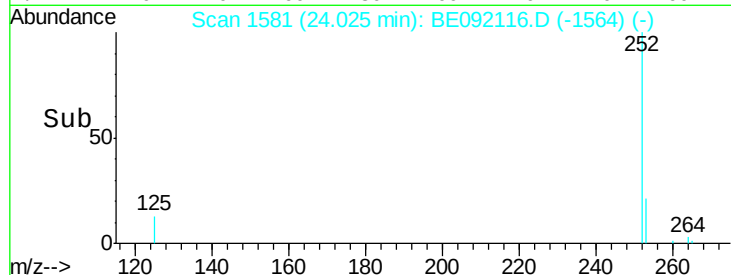
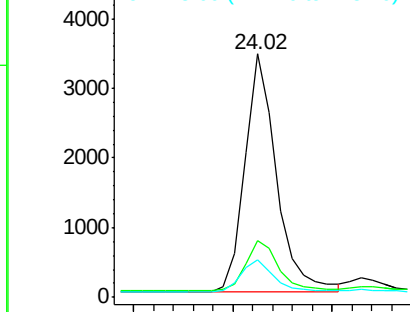
252 100

253 23.5 19.8 29.8

125 15.4 10.4 15.6



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



#32

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 26.67 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BE092116.D

Acq: 2 Aug 2016 18:13

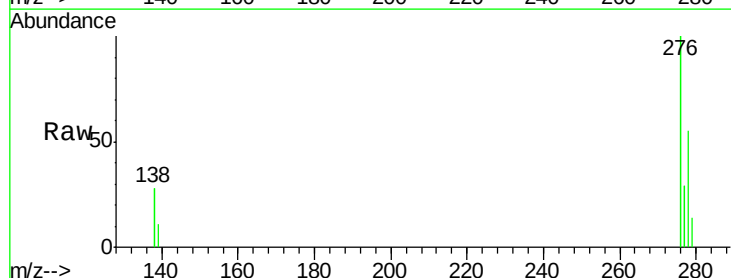
Tgt Ion:278 Resp: 7012

Ion Ratio Lower Upper

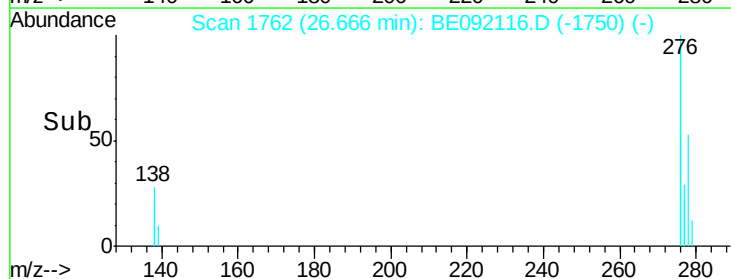
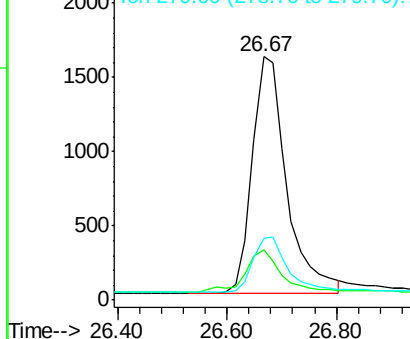
278 100

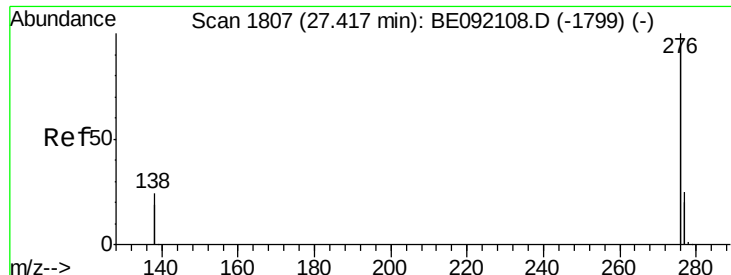
139 20.7 16.7 25.1

279 25.7 20.3 30.5



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





#33

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.42 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE092116.D

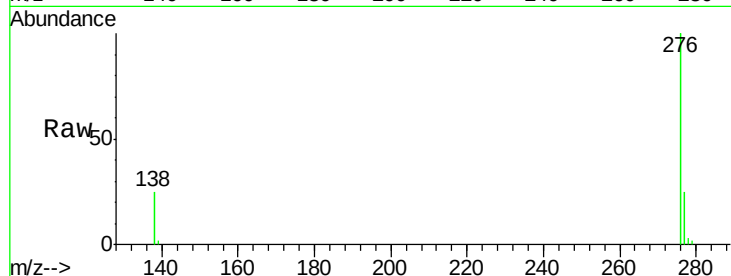
Acq: 2 Aug 2016 18:13

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



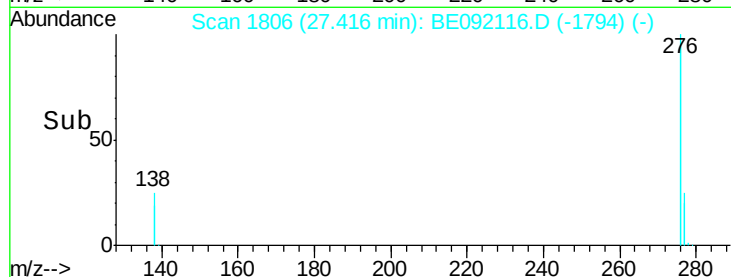
Tgt Ion: 276 Resp: 30907

Ion Ratio Lower Upper

276 100

277 25.0 19.5 29.3

138 24.6 20.8 31.2



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

