

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
 Data File : BE092580.D
 Acq On : 1 Dec 2016 10:11
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 02 01:25:05 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8445	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	40925	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	28696	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	64598	5.00	ng	0.00
24) Chrysene-d12	21.72	240	92929	5.00	ng	0.00
31) Perylene-d12	24.08	264	78840	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	472	0.33	ng	0.00
5) Phenol-d6	7.36	99	571	0.35	ng	0.00
8) Nitrobenzene-d5	9.36	82	691	0.34	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	187	0.29	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	2310	0.33	ng	0.00
26) Terphenyl-d14	20.17	244	3430	0.32	ng	0.00

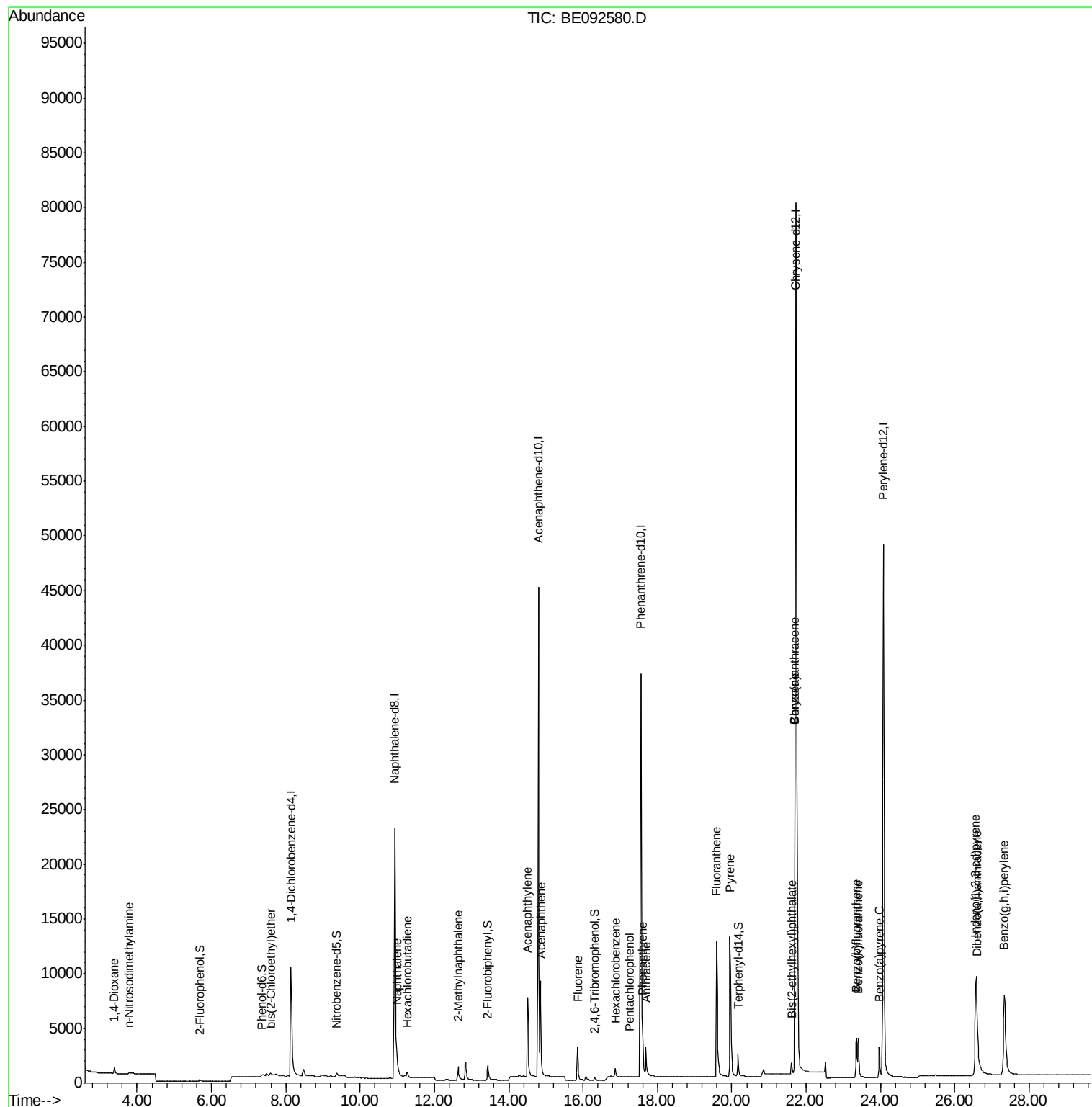
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	486	0.38	ng	92
3) n-Nitrosodimethylamine	3.79	42	313	0.39	ng	96
6) bis(2-Chloroethyl)ether	7.59	93	571	0.26	ng	85
9) Naphthalene	10.99	128	2881	0.34	ng	96
10) Hexachlorobutadiene	11.26	225	436	0.34	ng	97
11) 2-Methylnaphthalene	12.64	142	1744	0.32	ng	96
15) Acenaphthylene	14.51	152	12769	0.32	ng	99
16) Acenaphthene	14.87	154	2224	0.34	ng	96
17) Fluorene	15.86	166	2638	0.33	ng	98
19) Hexachlorobenzene	16.87	284	2036	0.80	ng	# 72
20) Pentachlorophenol	17.26	266	135	0.35	ng	86
21) Phenanthrene	17.60	178	4916	0.34	ng	# 75
22) Anthracene	17.70	178	4489	0.33	ng	99
23) Fluoranthene	19.59	202	22168	0.33	ng	98
25) Pyrene	19.95	202	23505	0.32	ng	99
27) Benzo(a)anthracene	21.70	228	53529	0.70	ng	98
28) Chrysene	21.70	228	53838	0.68	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.61	149	1587	0.38	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.56	276	24763	0.33	ng	98
32) Benzo(b)fluoranthene	23.36	252	6012	0.31	ng	97
33) Benzo(k)fluoranthene	23.40	252	5955	0.30	ng	99
34) Benzo(a)pyrene	23.97	252	5149	0.29	ng	97
35) Dibenzo(a,h)anthracene	26.60	278	4954	0.28	ng	98
36) Benzo(g,h,i)perylene	27.33	276	22194	0.30	ng	97

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

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

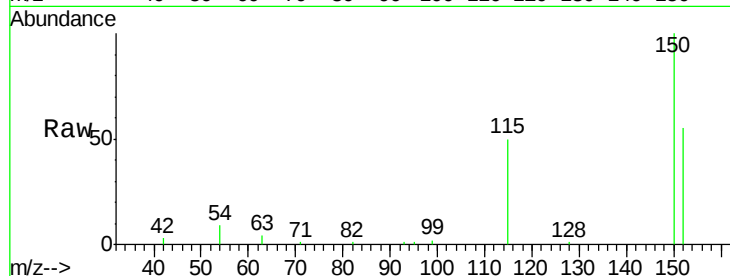
Tgt Ion:152 Resp: 8445

Ion Ratio Lower Upper

152 100

150 181.5 106.0 159.0#

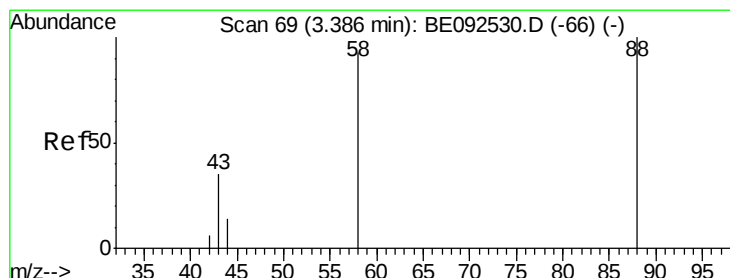
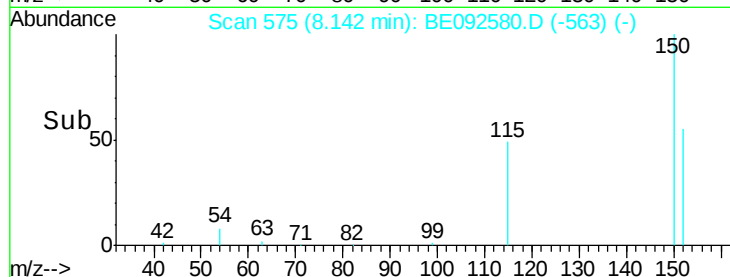
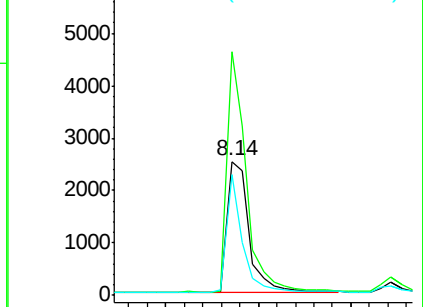
115 90.4 31.2 46.8#



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: 0.38 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

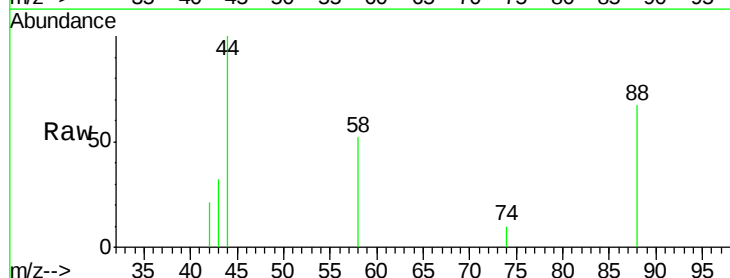
Tgt Ion: 88 Resp: 486

Ion Ratio Lower Upper

88 100

58 68.9 63.6 95.4

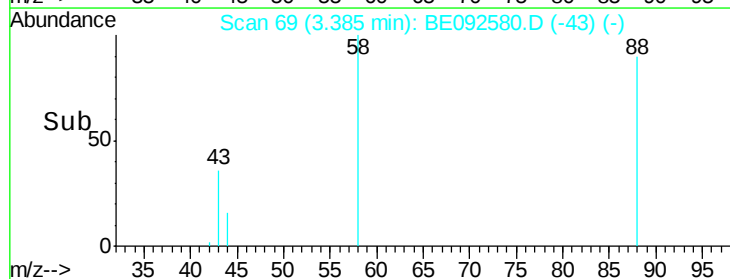
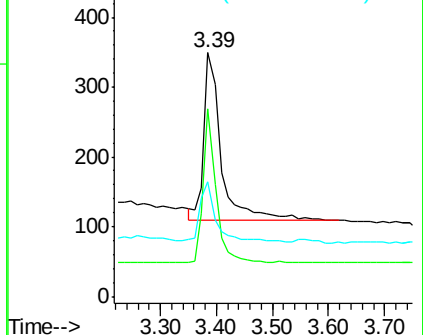
43 34.8 28.0 42.0

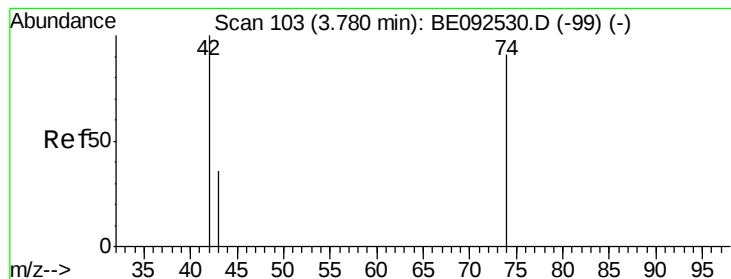


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

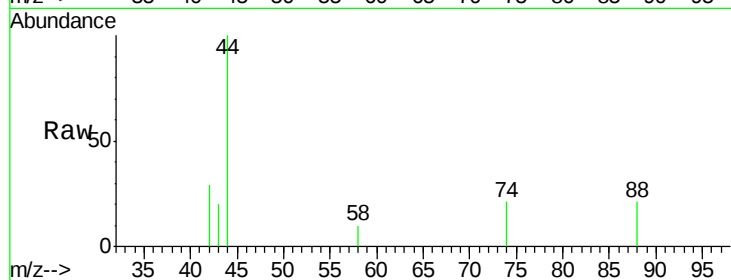
Tgt Ion: 42 Resp: 313

Ion Ratio Lower Upper

42 100

74 111.5 86.0 129.0

44 7.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

600

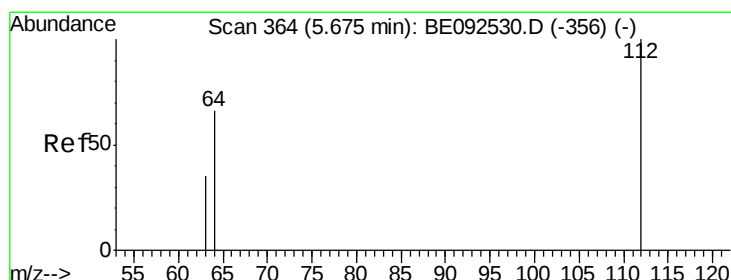
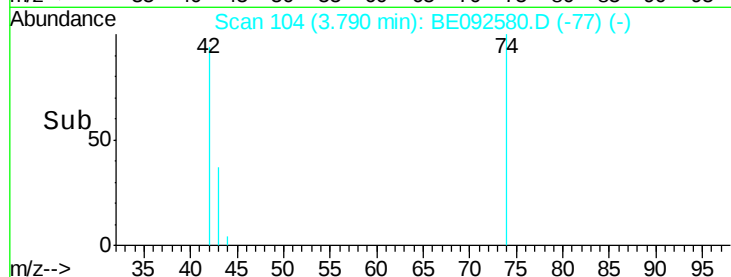
400

200

0

3.79

Time--> 3.60 3.70 3.80 3.90 4.00



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.68 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

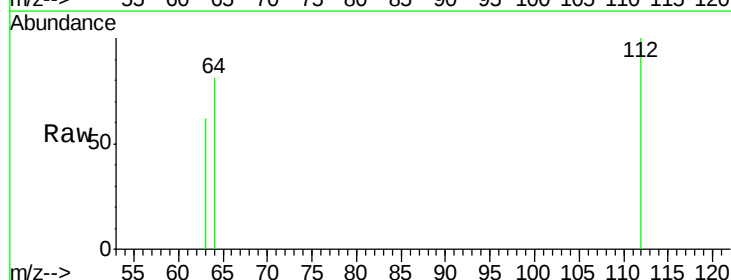
Tgt Ion: 112 Resp: 472

Ion Ratio Lower Upper

112 100

64 67.2 53.5 80.3

63 34.3 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

150

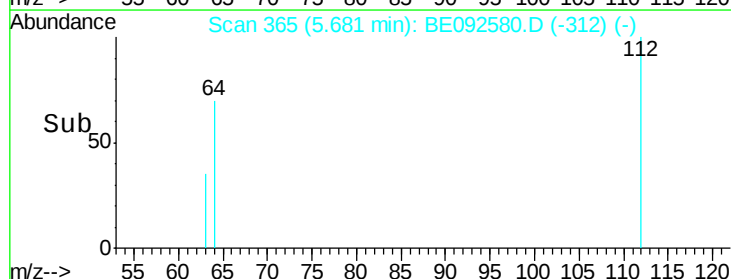
100

50

0

5.68

Time--> 5.60 5.80 6.00





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

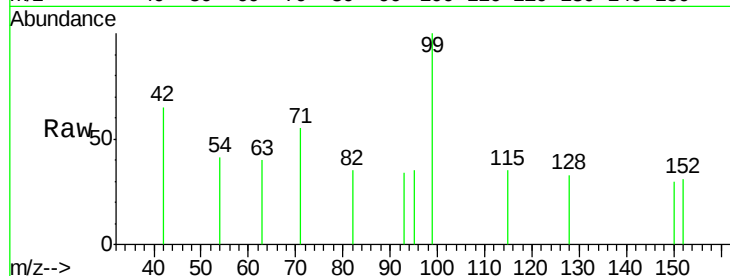
Tgt Ion: 99 Resp: 571

Ion Ratio Lower Upper

99 100

42 25.4 16.0 24.0#

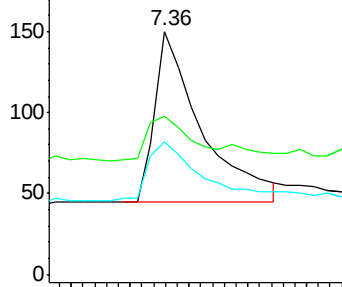
71 37.5 30.6 45.8



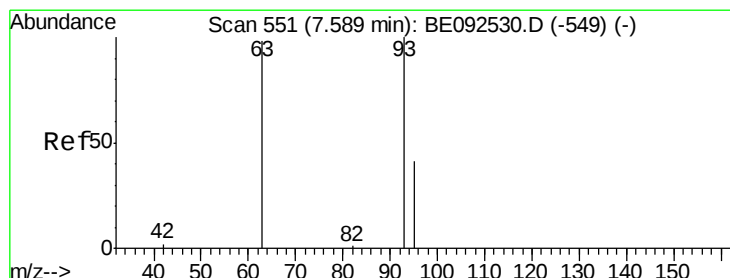
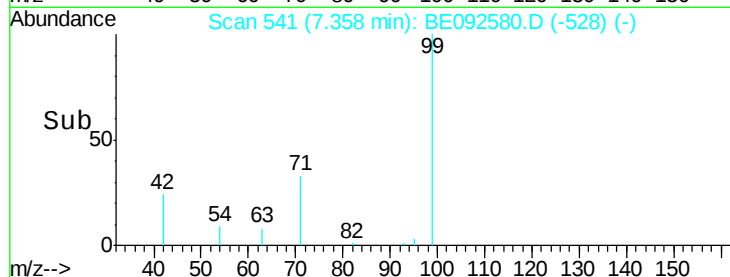
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.26 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

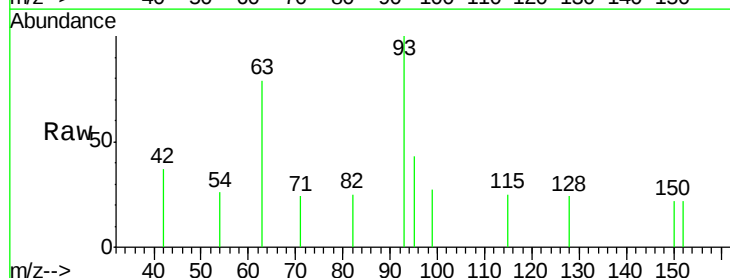
Tgt Ion: 93 Resp: 571

Ion Ratio Lower Upper

93 100

63 72.9 71.6 107.4

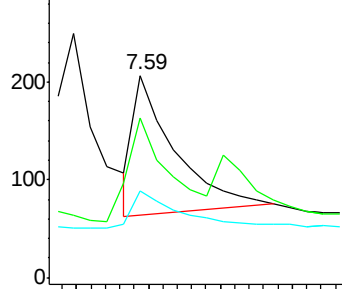
95 33.1 24.0 36.0



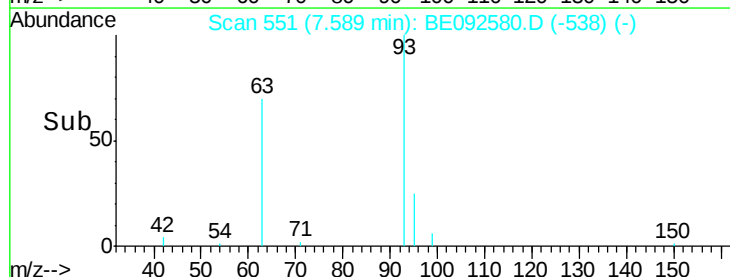
Abundance Ion 93.00 (92.70 to 93.70): BE0

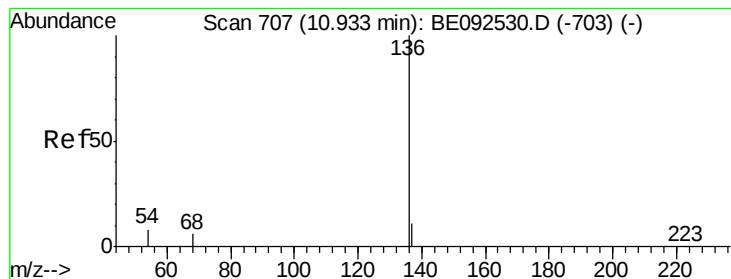
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

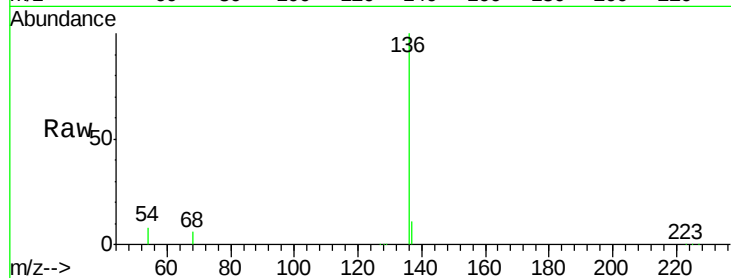
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	40925
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.8	9.6	14.4#
68	5.7	6.7	10.1#

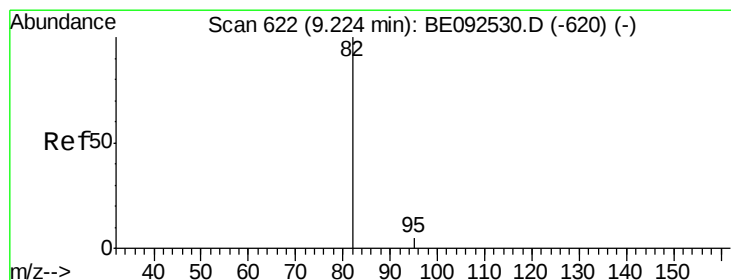
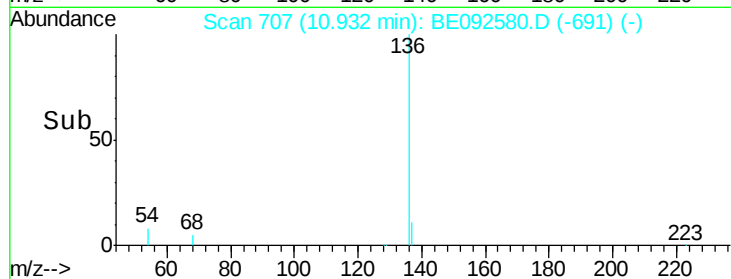
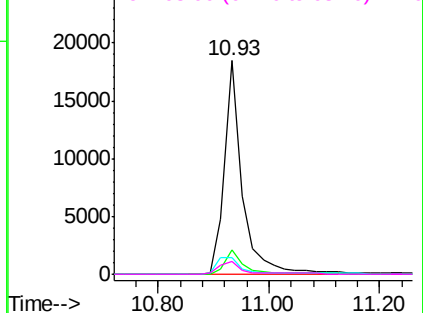


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.34 ng

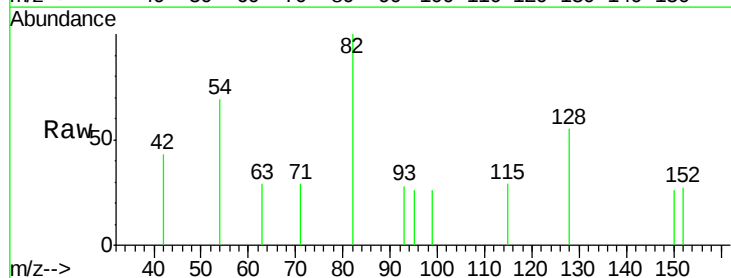
RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

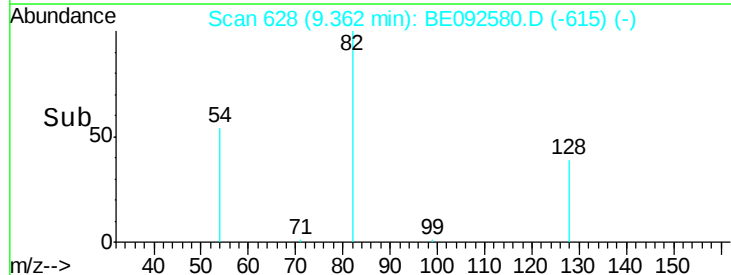
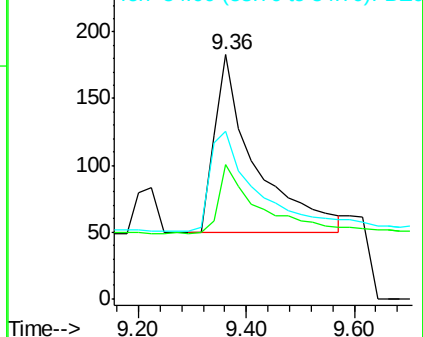
Tgt Ion:	82	Resp:	691
Ion	Ratio	Lower	Upper
82	100		
128	55.2	39.0	58.4
54	68.9	44.8	67.2#

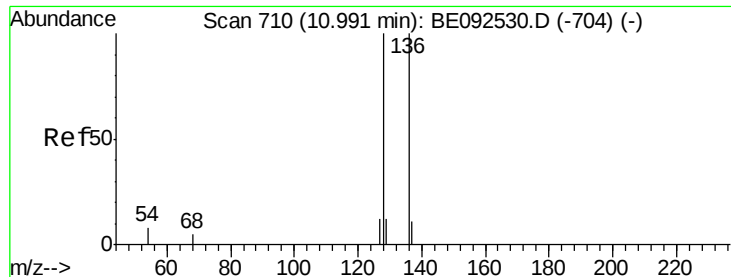


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.34 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

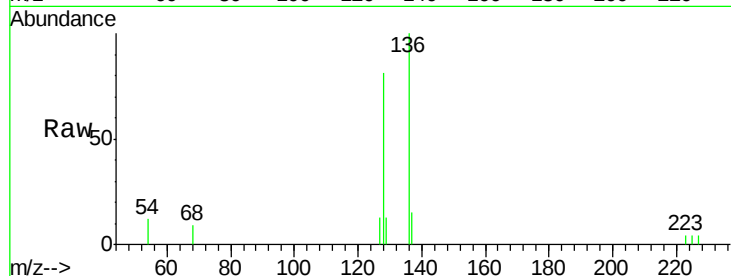
Tgt Ion:128 Resp: 2881

Ion Ratio Lower Upper

128 100

129 15.9 11.2 16.8

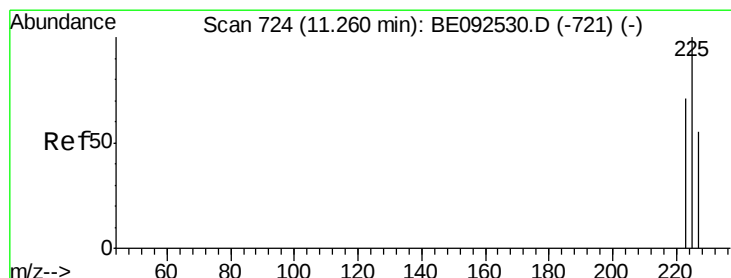
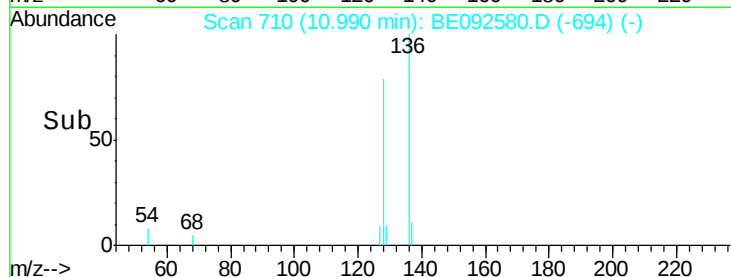
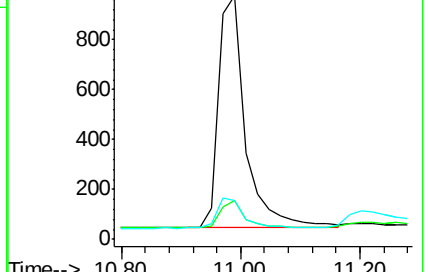
127 15.9 11.6 17.4



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: 0.34 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

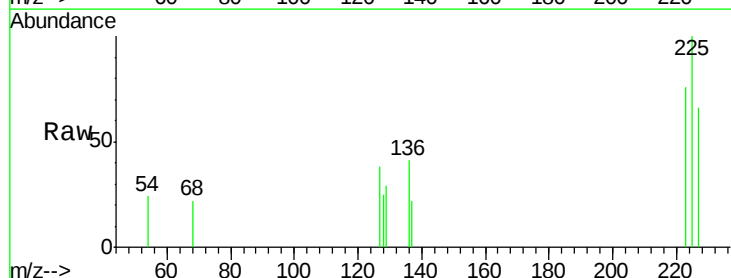
Tgt Ion:225 Resp: 436

Ion Ratio Lower Upper

225 100

223 65.4 50.6 76.0

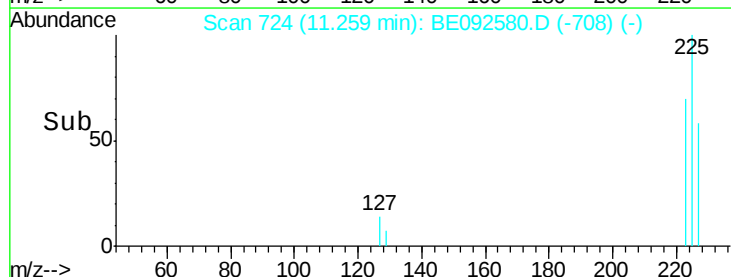
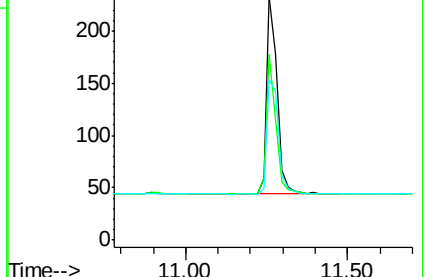
227 67.0 51.4 77.0



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: 0.32 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

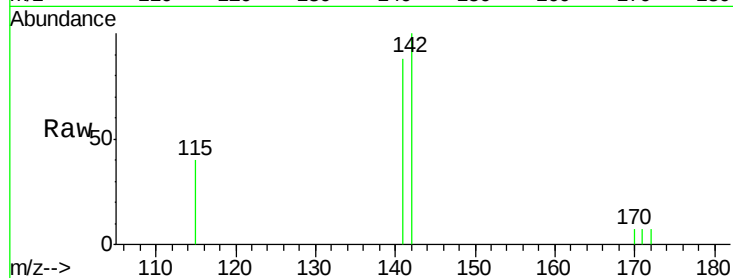
Tgt Ion:142 Resp: 1744

Ion Ratio Lower Upper

142 100

141 87.6 73.7 110.5

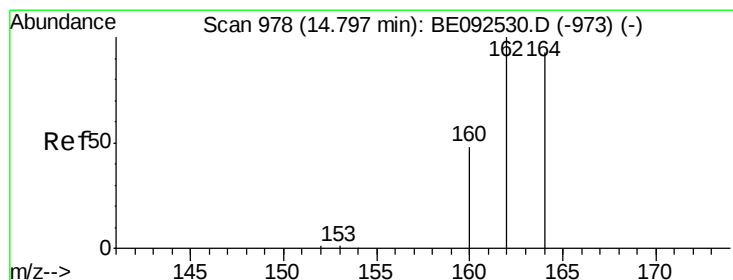
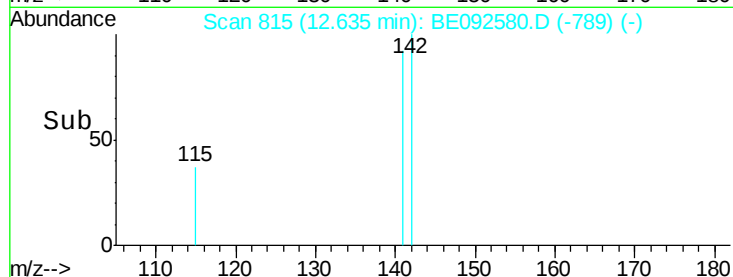
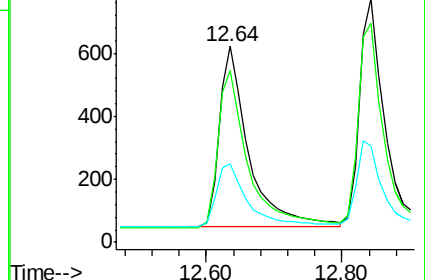
115 39.9 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

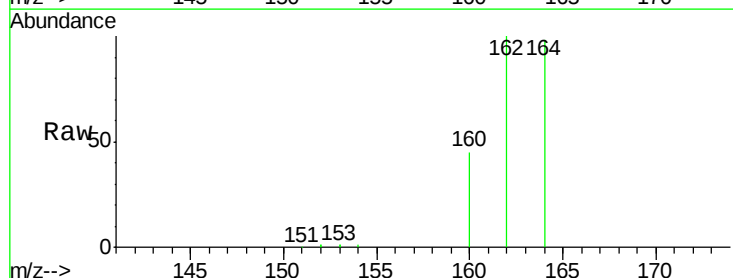
Tgt Ion:164 Resp: 28696

Ion Ratio Lower Upper

164 100

162 102.0 71.4 107.0

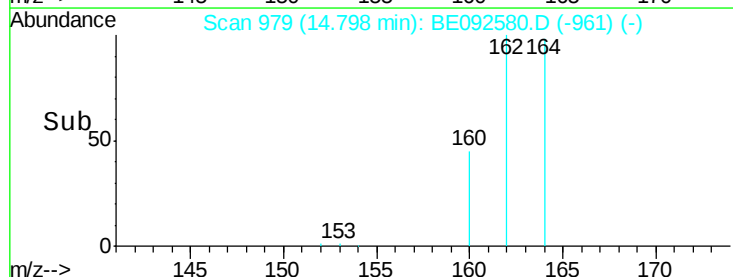
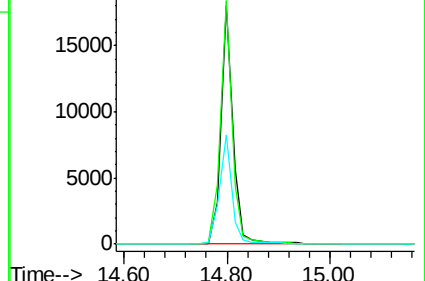
160 45.9 27.4 41.2#

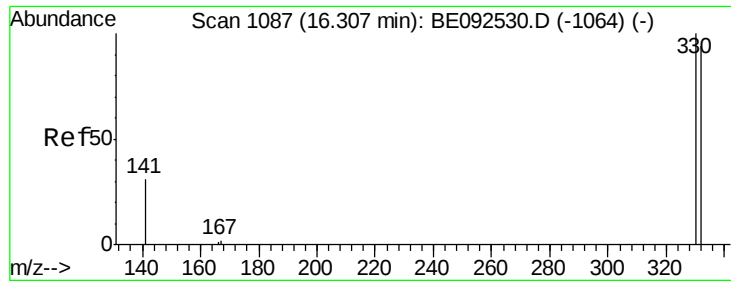


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

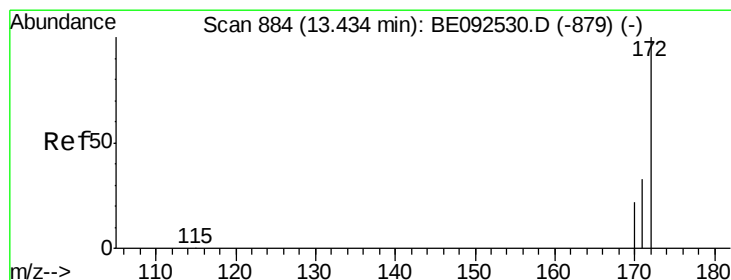
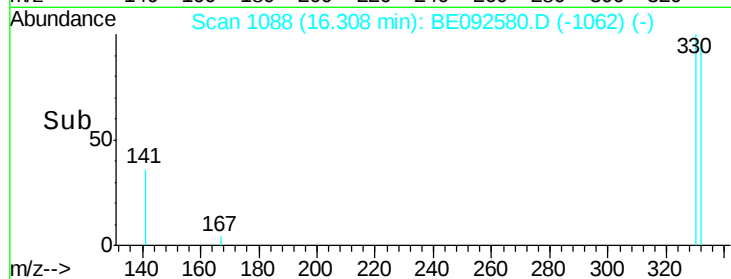
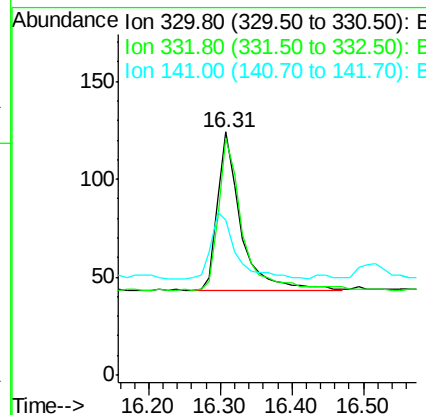
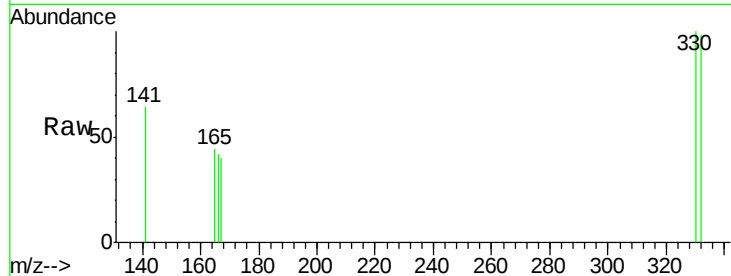




#13
 2,4,6-Tribromophenol
 Concen: 0.29 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

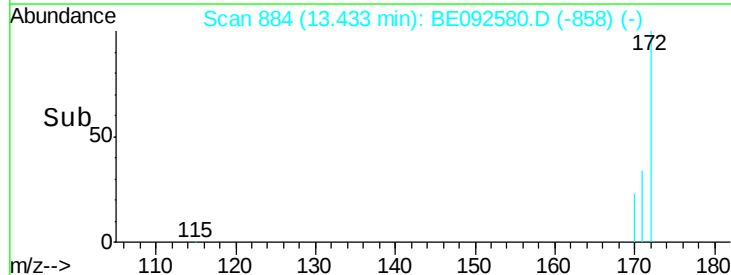
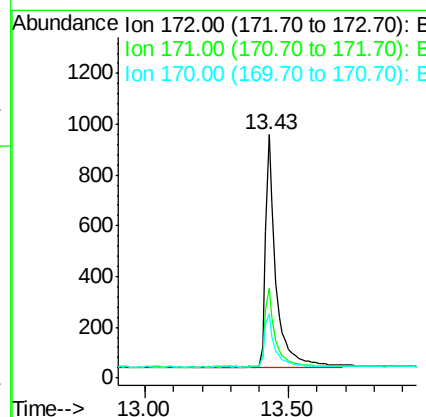
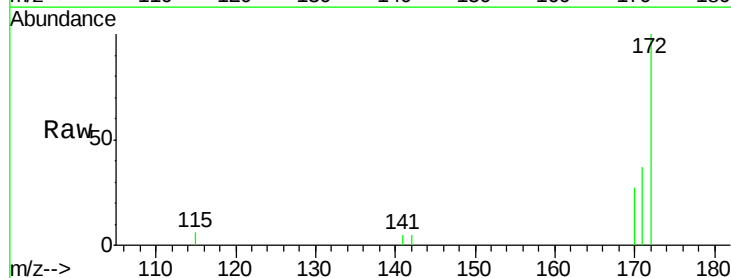
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

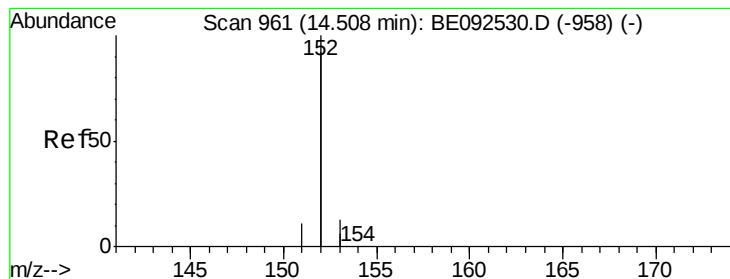
Tgt Ion: 330 Resp: 187
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.0
 141 44.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.33 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

Tgt Ion: 172 Resp: 2310
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.1 45.1
 170 26.7 21.8 32.6





#15

Acenaphthylene

Concen: 0.32 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

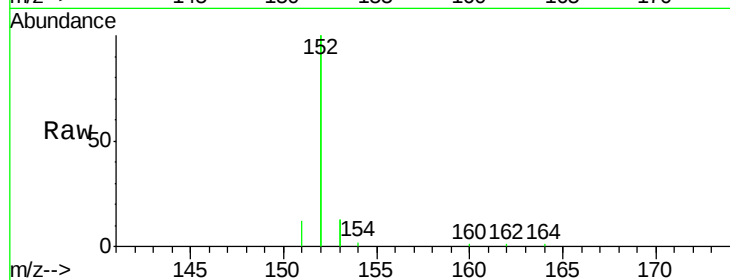
Tgt Ion:152 Resp: 12769

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

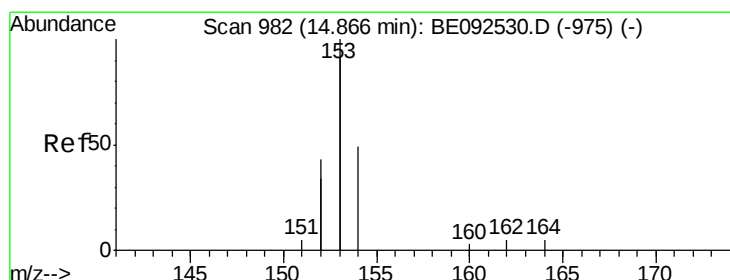
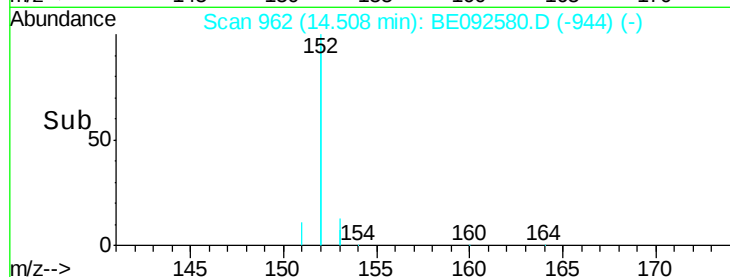
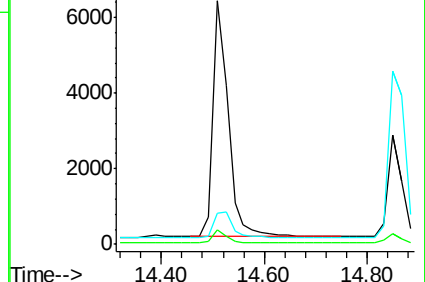
153 13.3 10.4 15.6



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: 0.34 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

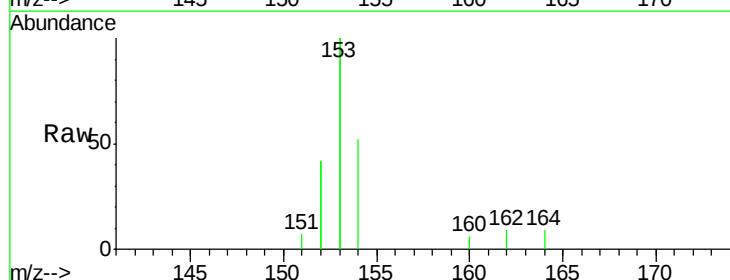
Tgt Ion:154 Resp: 2224

Ion Ratio Lower Upper

154 100

153 434.3 350.8 526.2

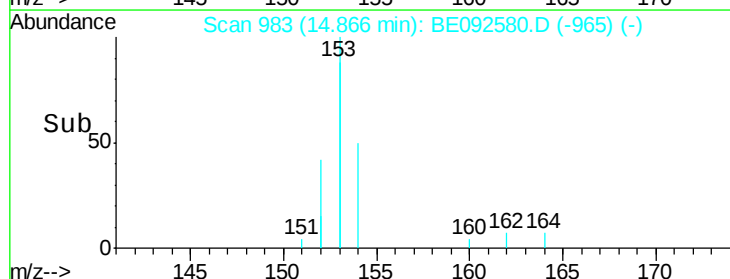
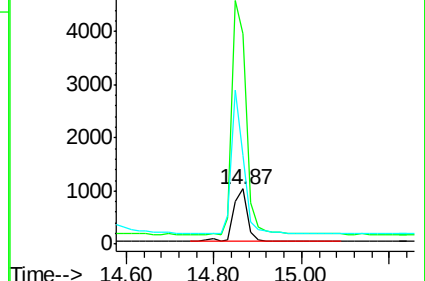
152 229.0 171.1 256.7

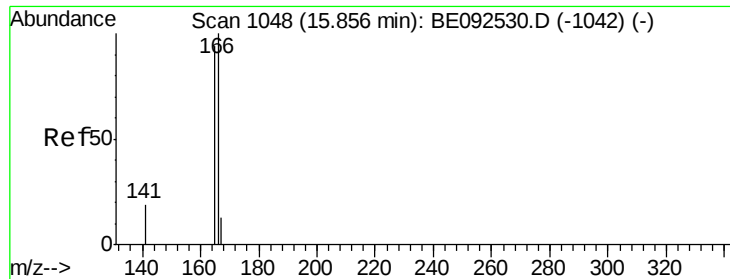


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

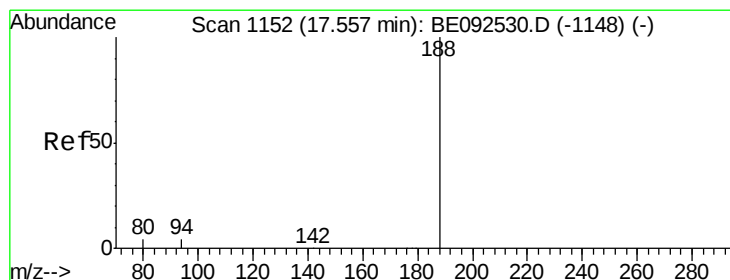
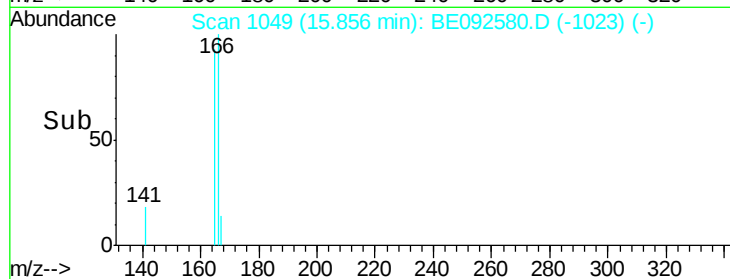
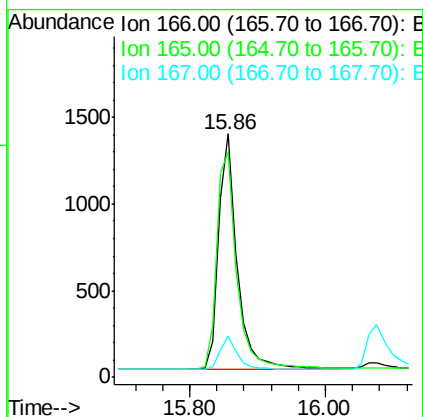
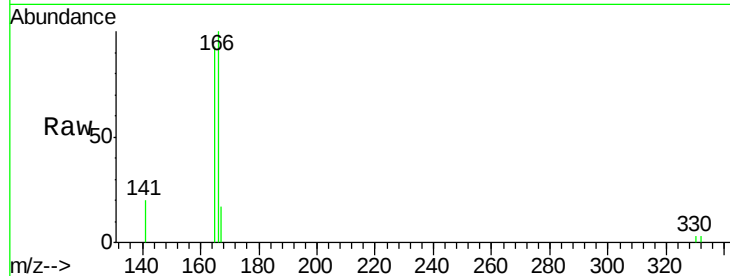




#17
Fluorene
 Concen: 0.33 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

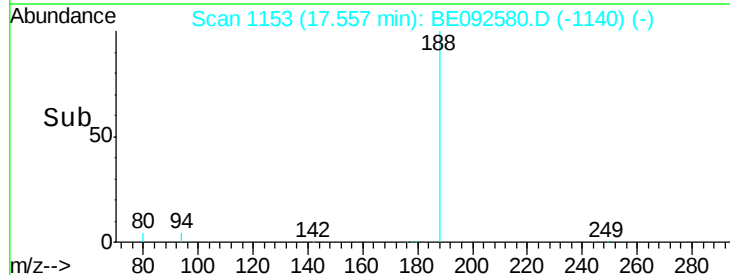
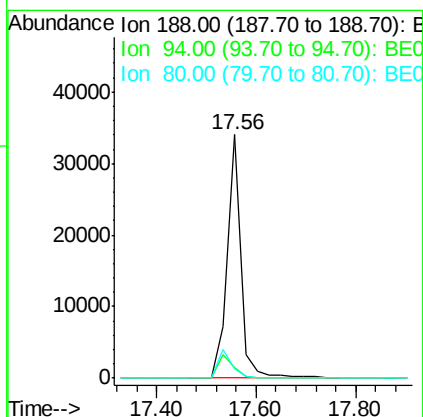
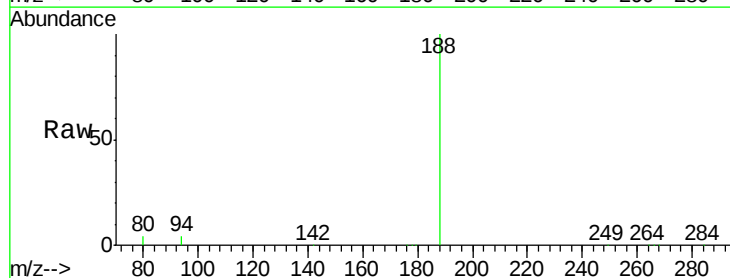
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:166 Resp: 2638
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.2 117.4
 167 13.7 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

Tgt Ion:188 Resp: 64598
 Ion Ratio Lower Upper
 188 100
 94 4.5 3.2 4.8
 80 3.9 2.6 3.8#

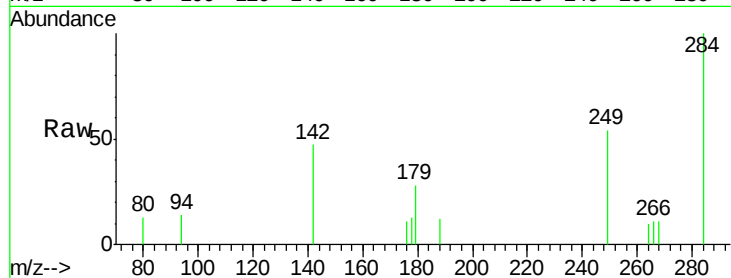




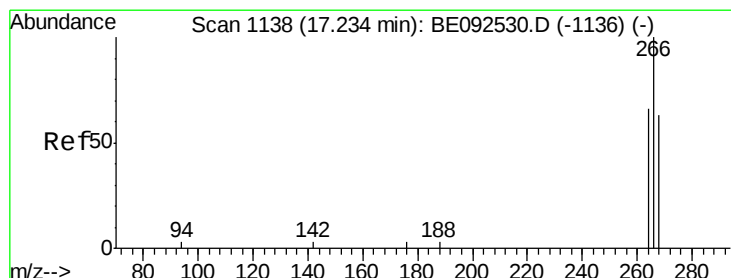
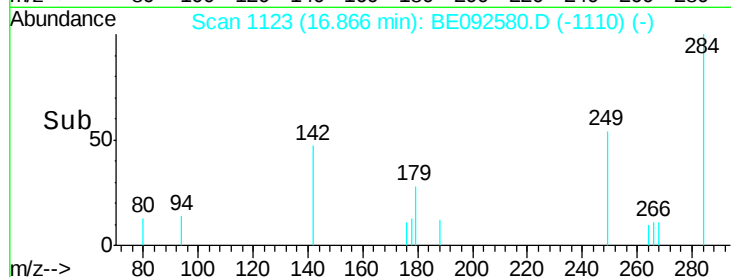
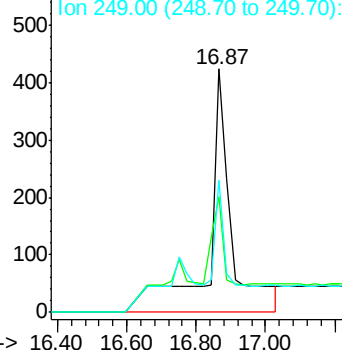
#19
Hexachlorobenzene
Concen: 0.80 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092580.D
Acq: 1 Dec 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 2036
Ion Ratio Lower Upper
284 100
142 19.7 29.1 43.7#
249 19.0 27.9 41.9#

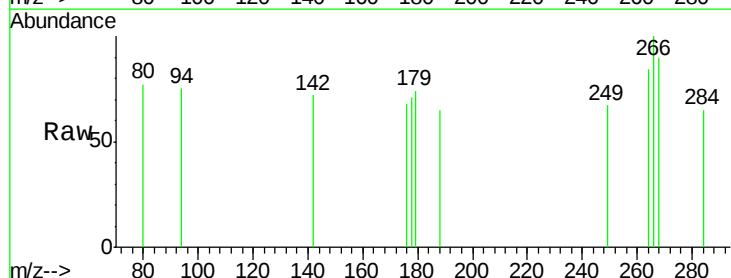


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

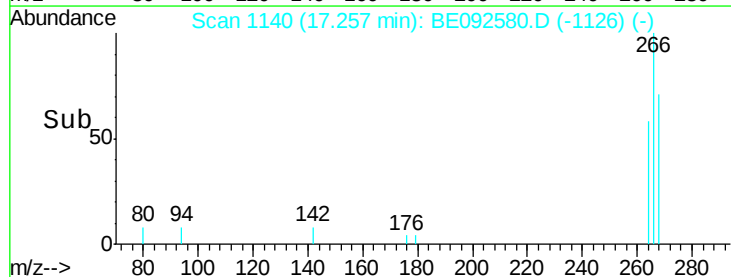
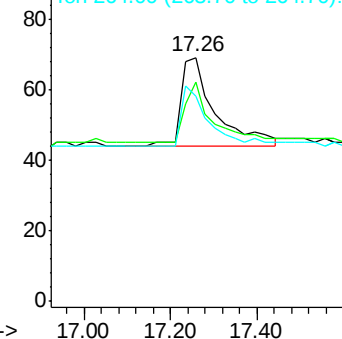


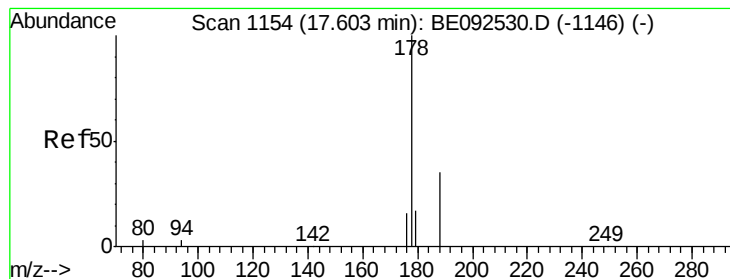
#20
Pentachlorophenol
Concen: 0.35 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092580.D
Acq: 1 Dec 2016 10:11

Tgt Ion: 266 Resp: 135
Ion Ratio Lower Upper
266 100
268 89.9 62.5 93.7
264 84.1 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: 0.34 ng

RT: 17.60 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

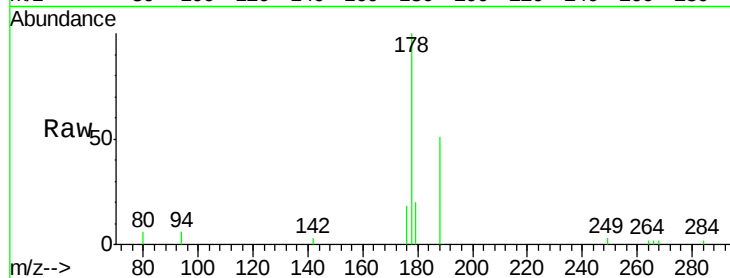
Tgt Ion:178 Resp: 4916

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

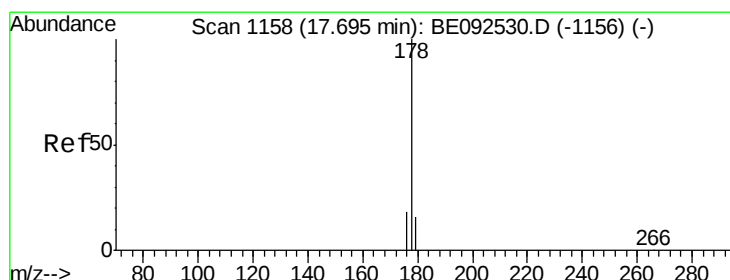
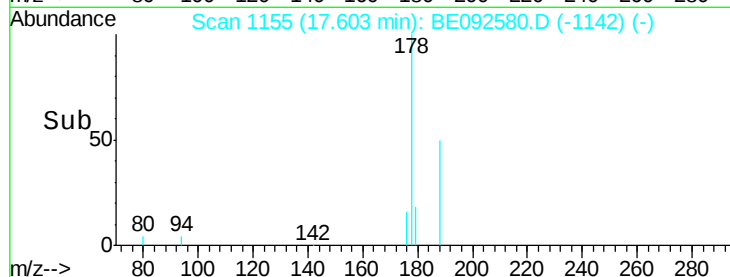
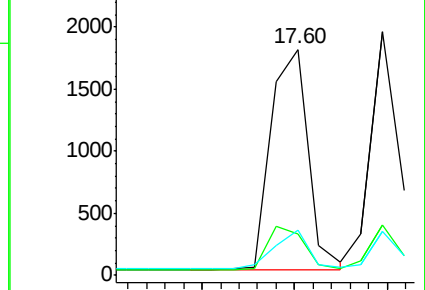
179 16.4 16.0 24.0



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: 0.33 ng

RT: 17.70 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

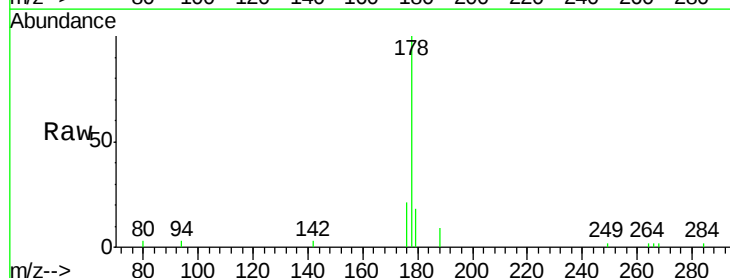
Tgt Ion:178 Resp: 4489

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

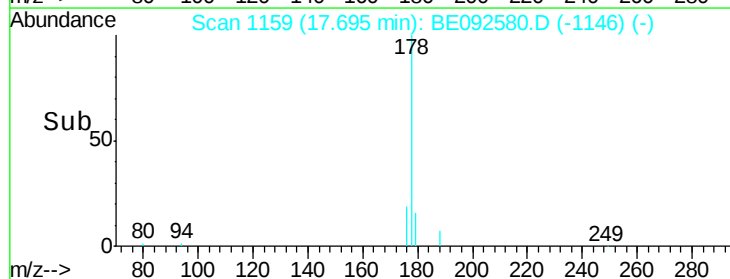
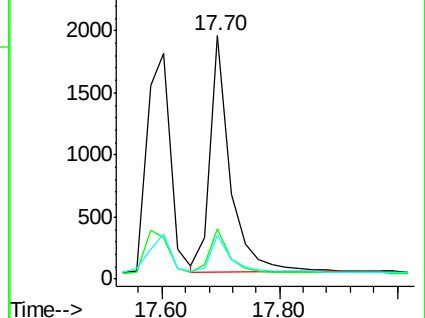
179 15.9 12.2 18.2

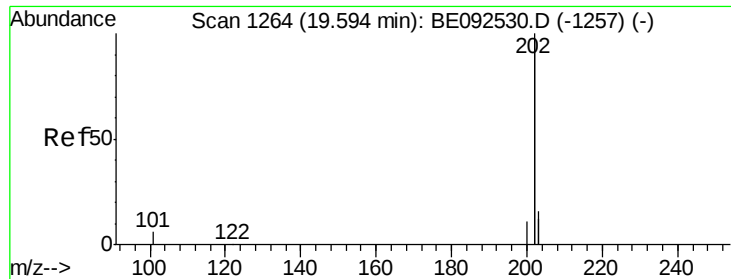


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

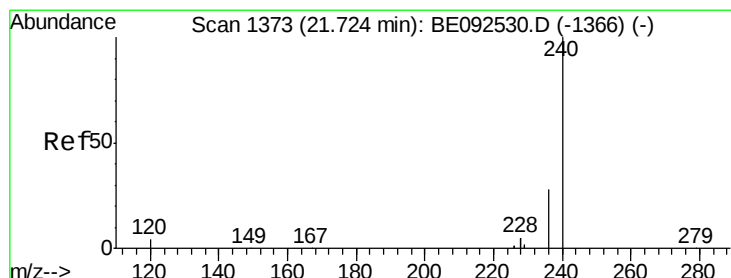
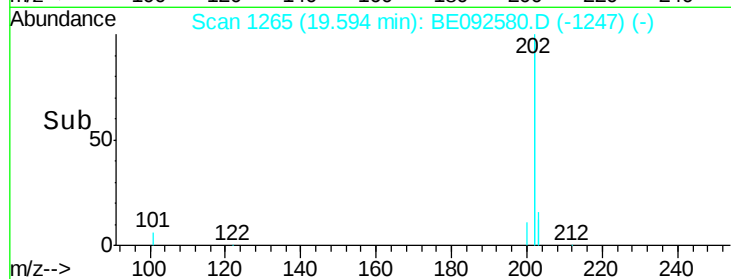
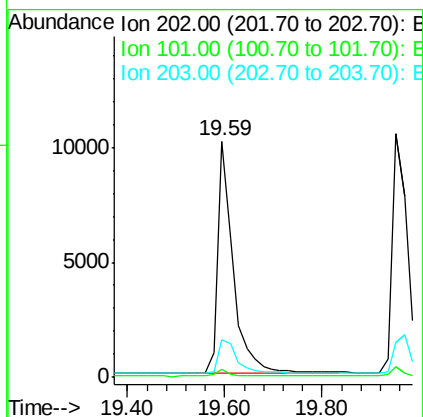
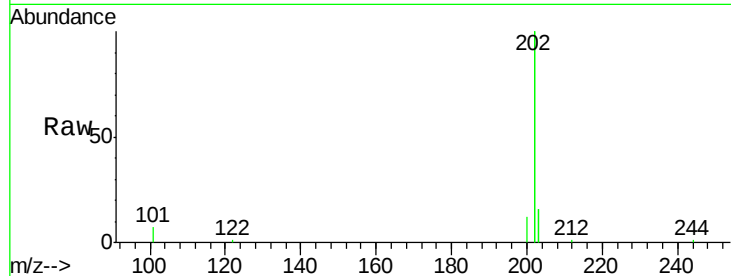




#23
Fluoranthene
 Concen: 0.33 ng
 RT: 19.59 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

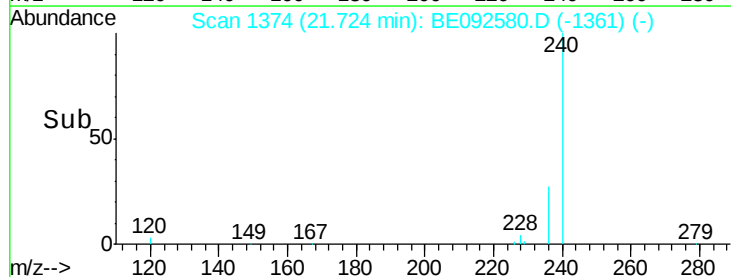
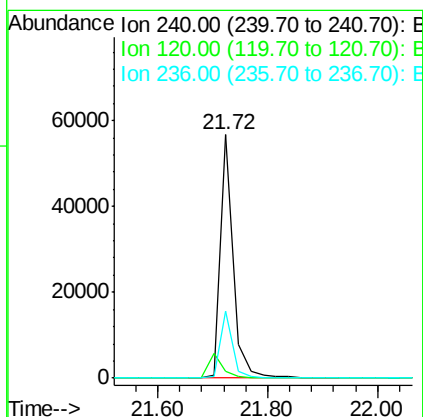
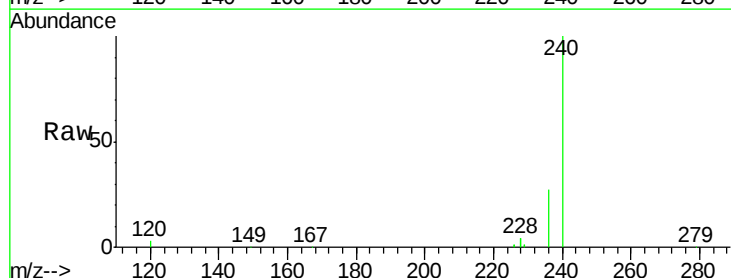
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 202 Resp: 22168
 Ion Ratio Lower Upper
 202 100
 101 3.0 2.2 3.4
 203 17.8 13.7 20.5



#24
Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

Tgt Ion: 240 Resp: 92929
 Ion Ratio Lower Upper
 240 100
 120 2.8 2.6 4.0
 236 27.3 24.6 37.0

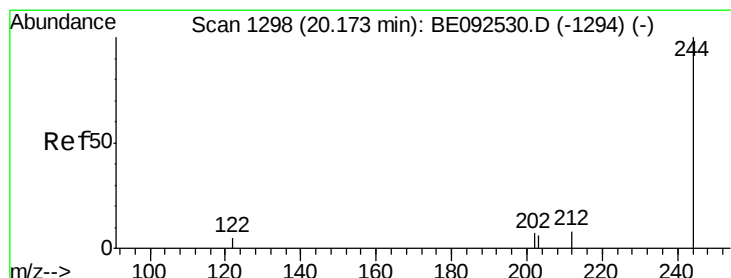
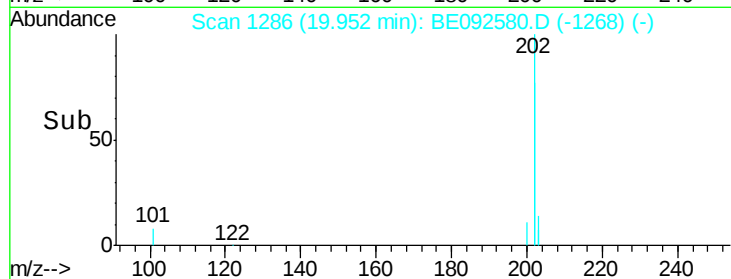
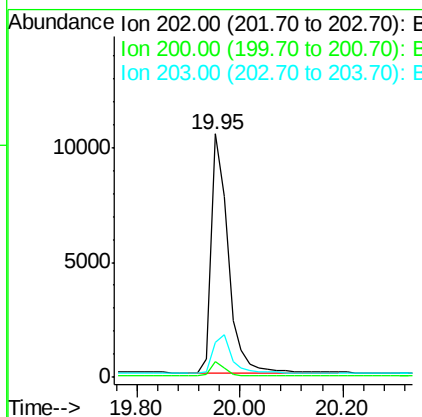
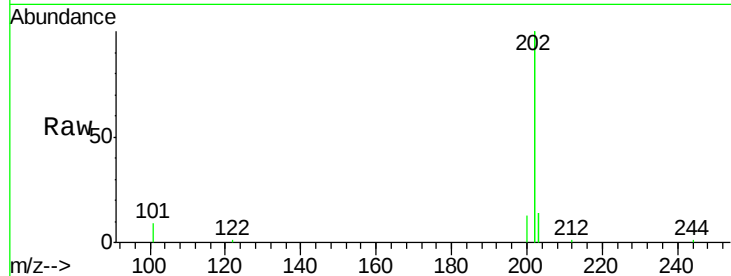




#25
 Pyrene
 Concen: 0.32 ng
 RT: 19.95 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

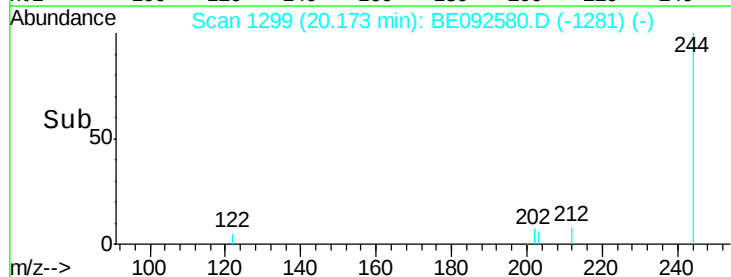
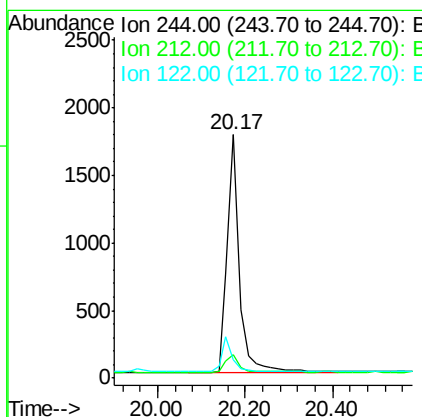
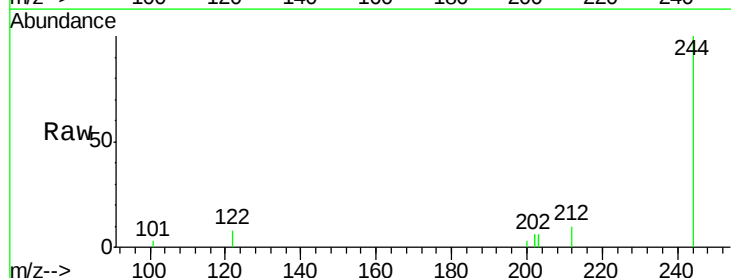
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

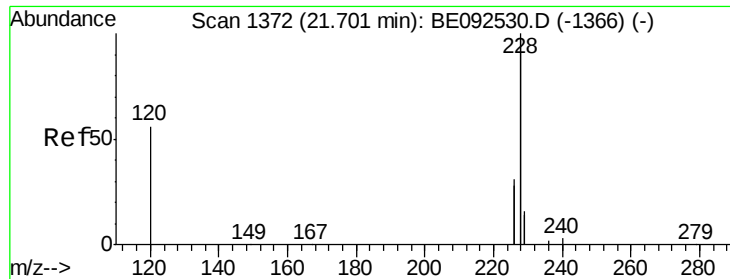
Tgt Ion: 202 Resp: 23505
 Ion Ratio Lower Upper
 202 100
 200 5.4 4.2 6.4
 203 17.0 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

Tgt Ion: 244 Resp: 3430
 Ion Ratio Lower Upper
 244 100
 212 9.8 6.7 10.1
 122 7.6 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.70 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

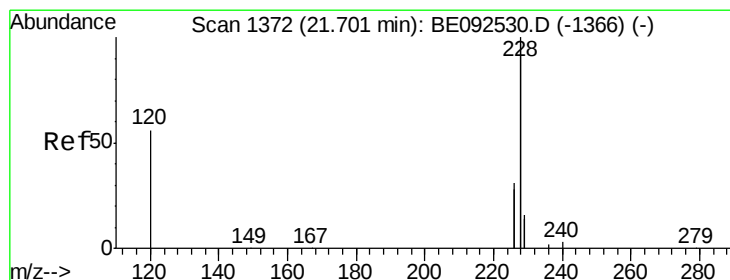
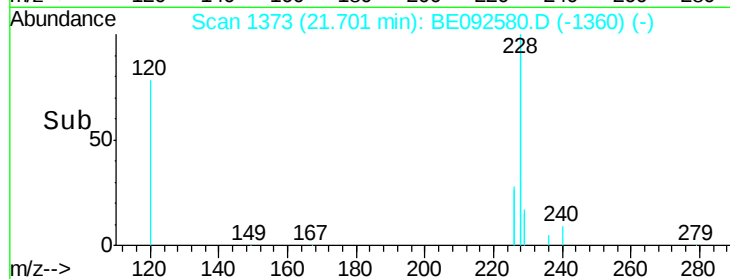
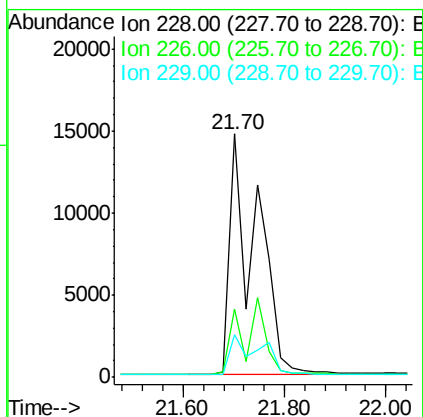
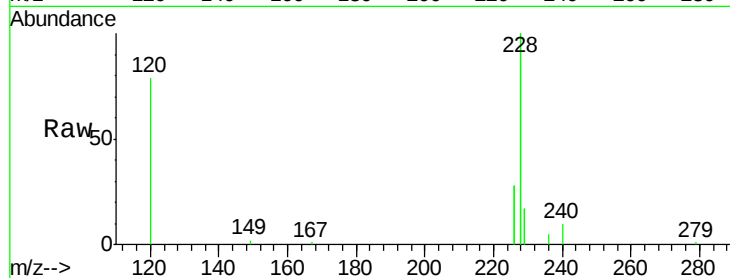
Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 53529

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	17.3	13.3	19.9



#28

Chrysene

Concen: 0.68 ng

RT: 21.70 min Scan# 1373

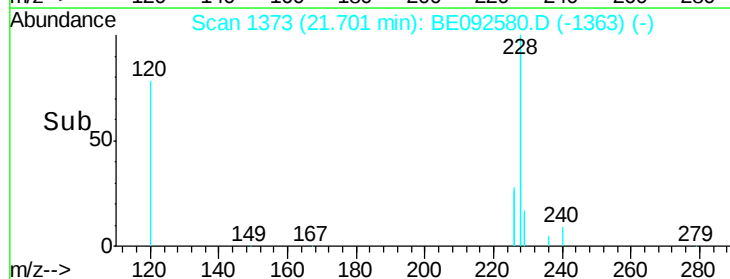
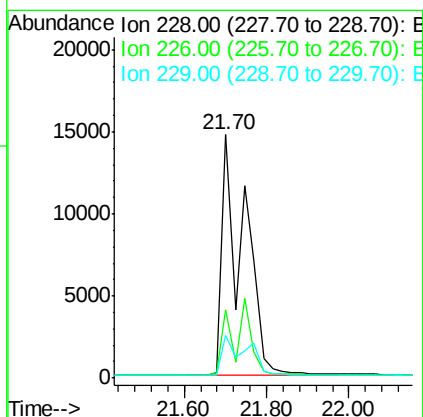
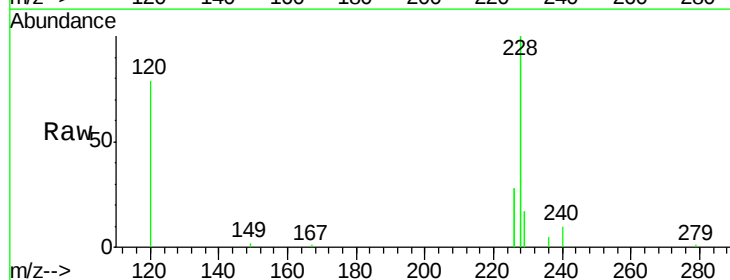
Delta R.T. -0.07 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Tgt Ion:228 Resp: 53838

Ion	Ratio	Lower	Upper
228	100		
226	28.2	36.3	54.5#
229	17.3	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

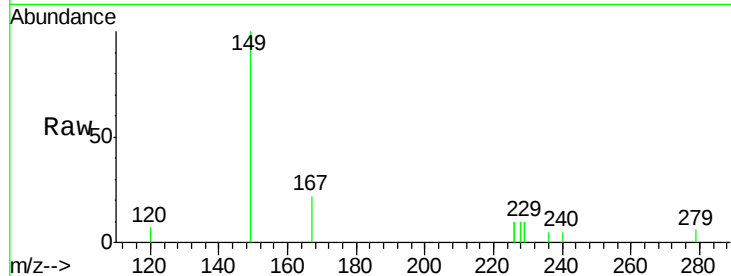
Tgt Ion:149 Resp: 1587

Ion Ratio Lower Upper

149 100

167 22.5 16.0 24.0

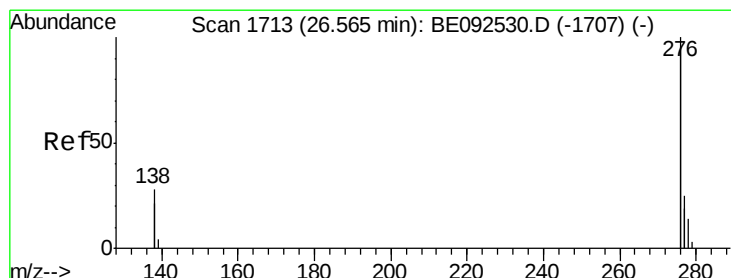
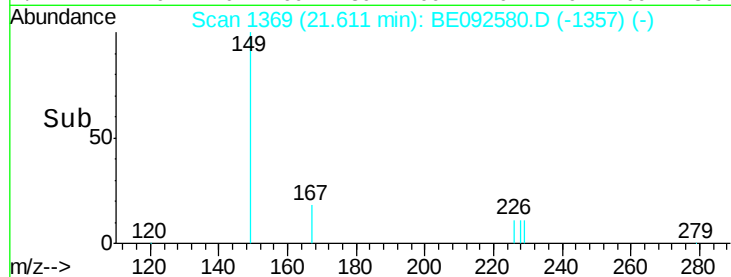
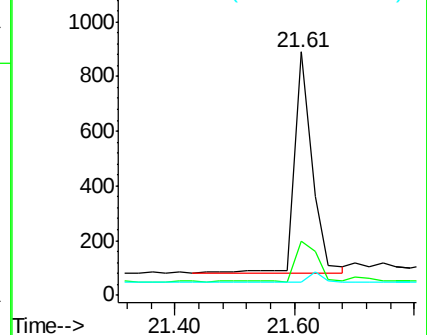
279 0.0 16.0 24.0#



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: 0.33 ng

RT: 26.56 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

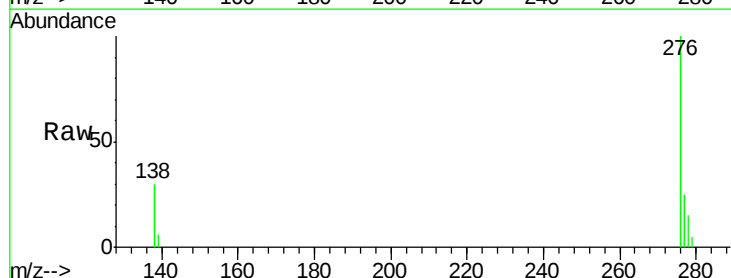
Tgt Ion:276 Resp: 24763

Ion Ratio Lower Upper

276 100

138 27.6 20.3 30.5

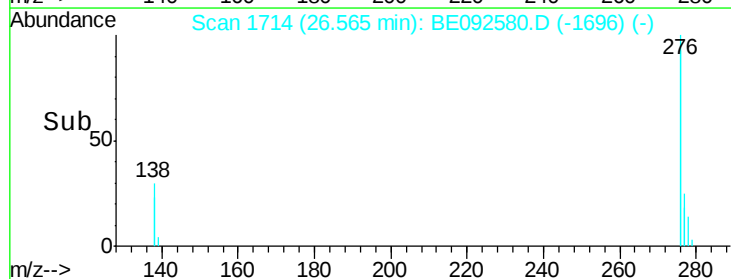
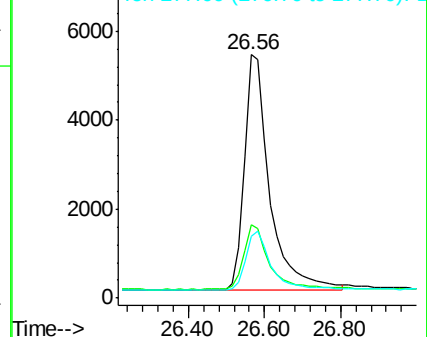
277 24.8 19.7 29.5

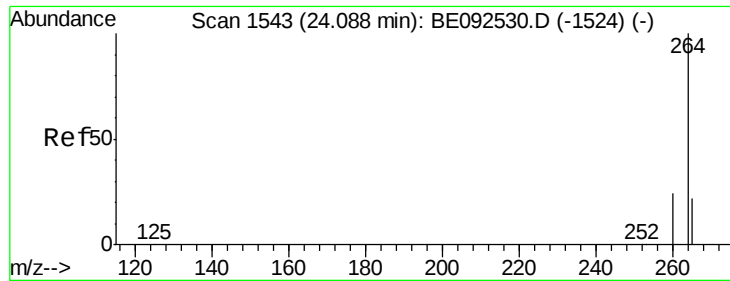


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

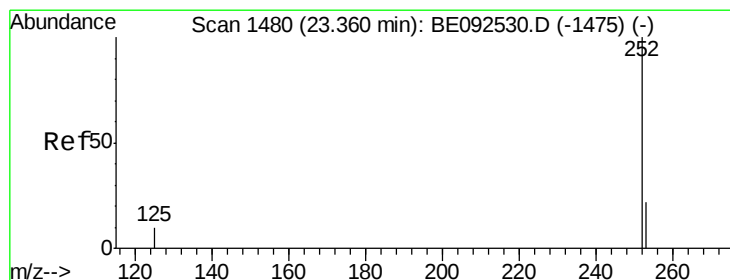
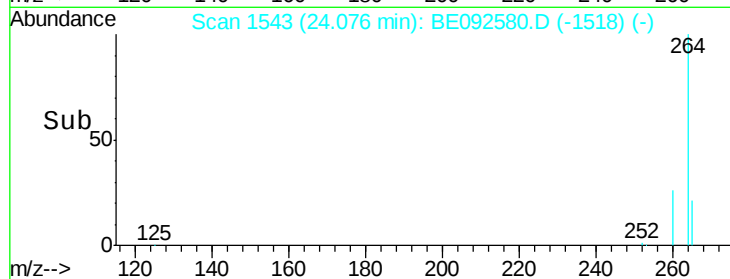
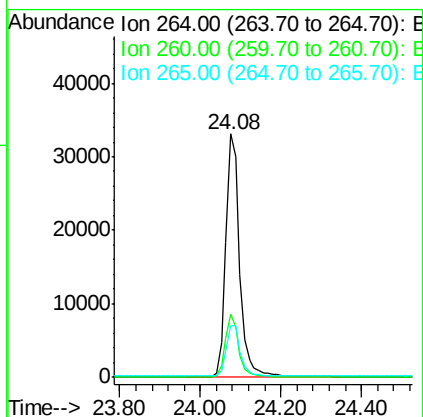
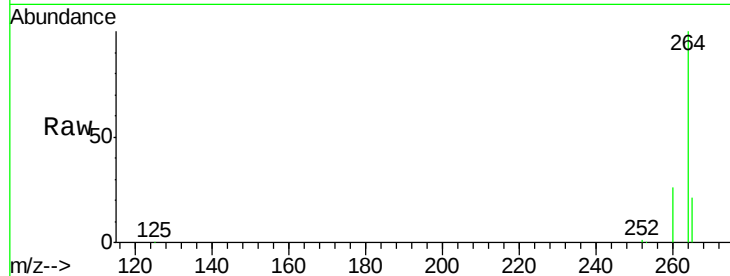




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

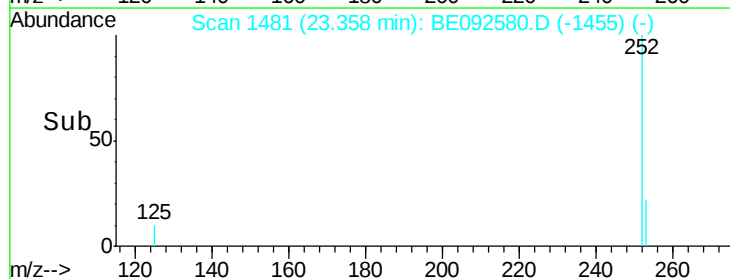
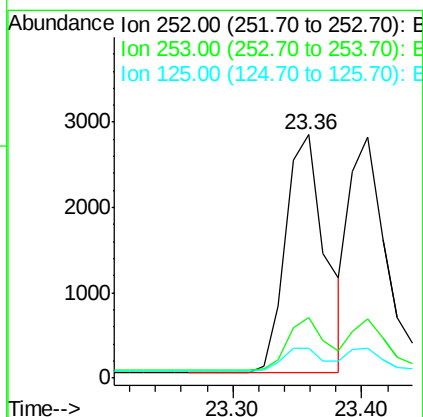
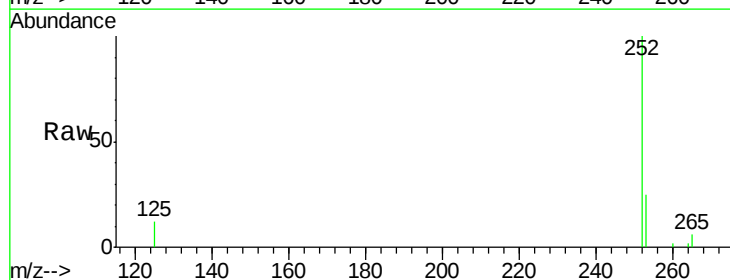
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 264 Resp: 78840
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.1 30.1
 265 21.2 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.31 ng
 RT: 23.36 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BE092580.D
 Acq: 1 Dec 2016 10:11

Tgt Ion: 252 Resp: 6012
 Ion Ratio Lower Upper
 252 100
 253 24.8 18.7 28.1
 125 12.0 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.30 ng

RT: 23.40 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

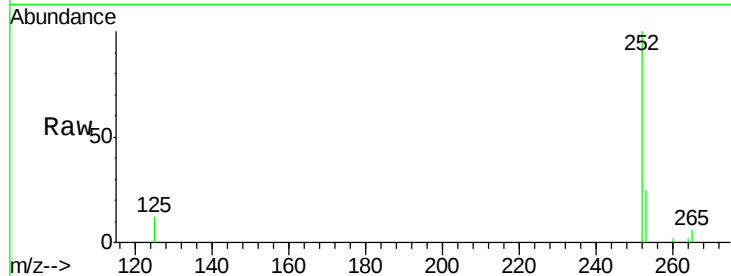
Tgt Ion:252 Resp: 5955

Ion Ratio Lower Upper

252 100

253 24.8 20.3 30.5

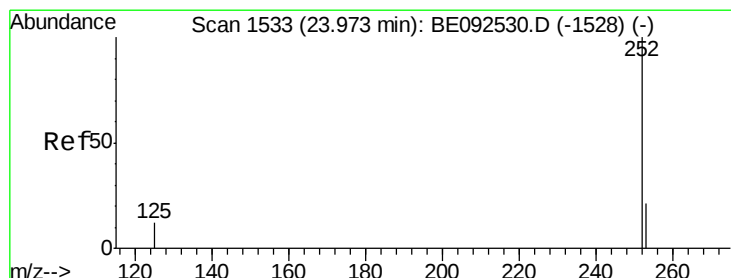
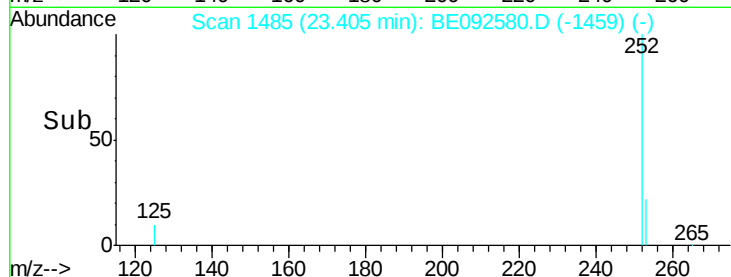
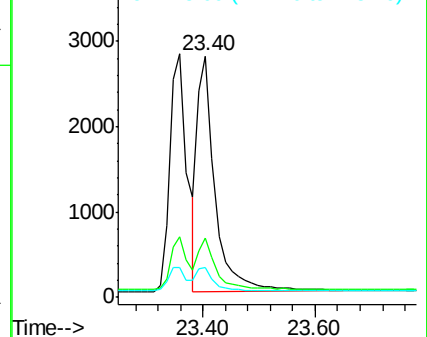
125 12.2 9.6 14.4



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: 0.29 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

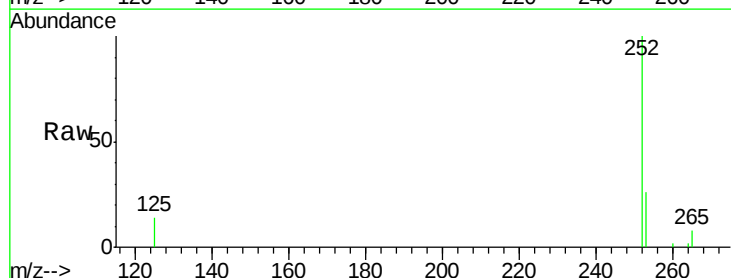
Tgt Ion:252 Resp: 5149

Ion Ratio Lower Upper

252 100

253 25.6 19.0 28.6

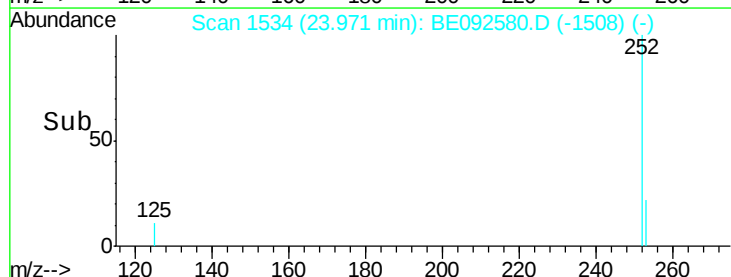
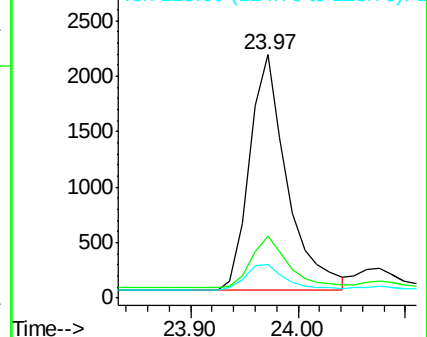
125 14.0 11.8 17.8

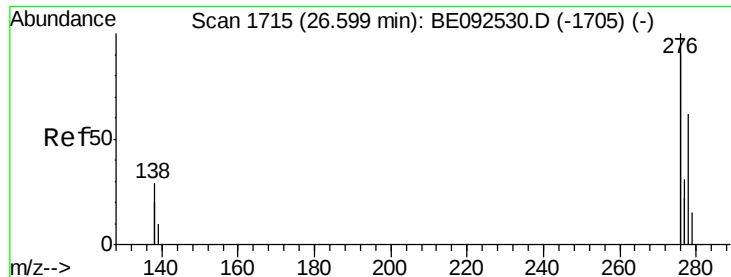


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

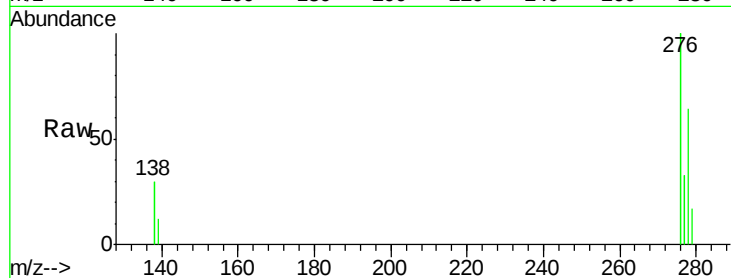
Tgt Ion: 278 Resp: 4954

Ion Ratio Lower Upper

278 100

139 19.2 13.8 20.8

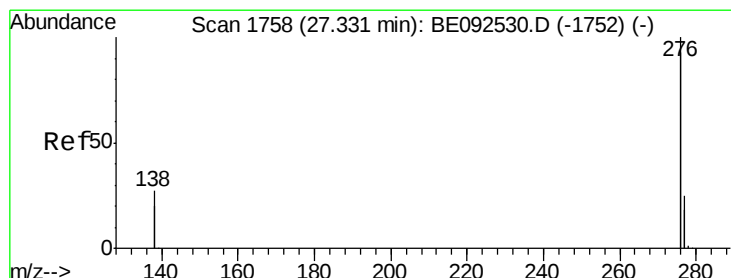
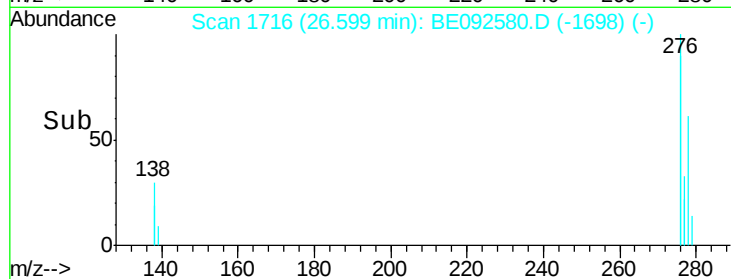
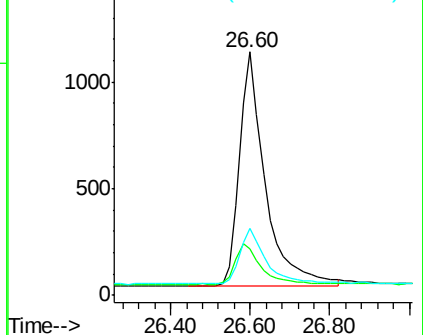
279 27.4 21.4 32.2



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: 0.30 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092580.D

Acq: 1 Dec 2016 10:11

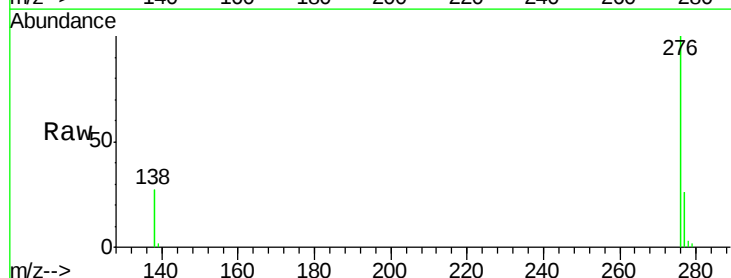
Tgt Ion: 276 Resp: 22194

Ion Ratio Lower Upper

276 100

277 25.7 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

