

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
 Data File : BE092326.D
 Acq On : 1 Sep 2016 13:21
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Sep 02 03:17:17 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 03:16:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8148	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	39900	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	24694	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	60388	5.00	ng	0.00
24) Chrysene-d12	21.75	240	87748	5.00	ng	0.00
31) Perylene-d12	24.12	264	85315	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	788	0.42	ng	0.00
5) Phenol-d6	7.36	99	941	0.38	ng	0.00
8) Nitrobenzene-d5	9.36	82	898	0.34	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	330	0.47	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	2784	0.36	ng	0.00
26) Terphenyl-d14	20.19	244	4551	0.38	ng	0.00

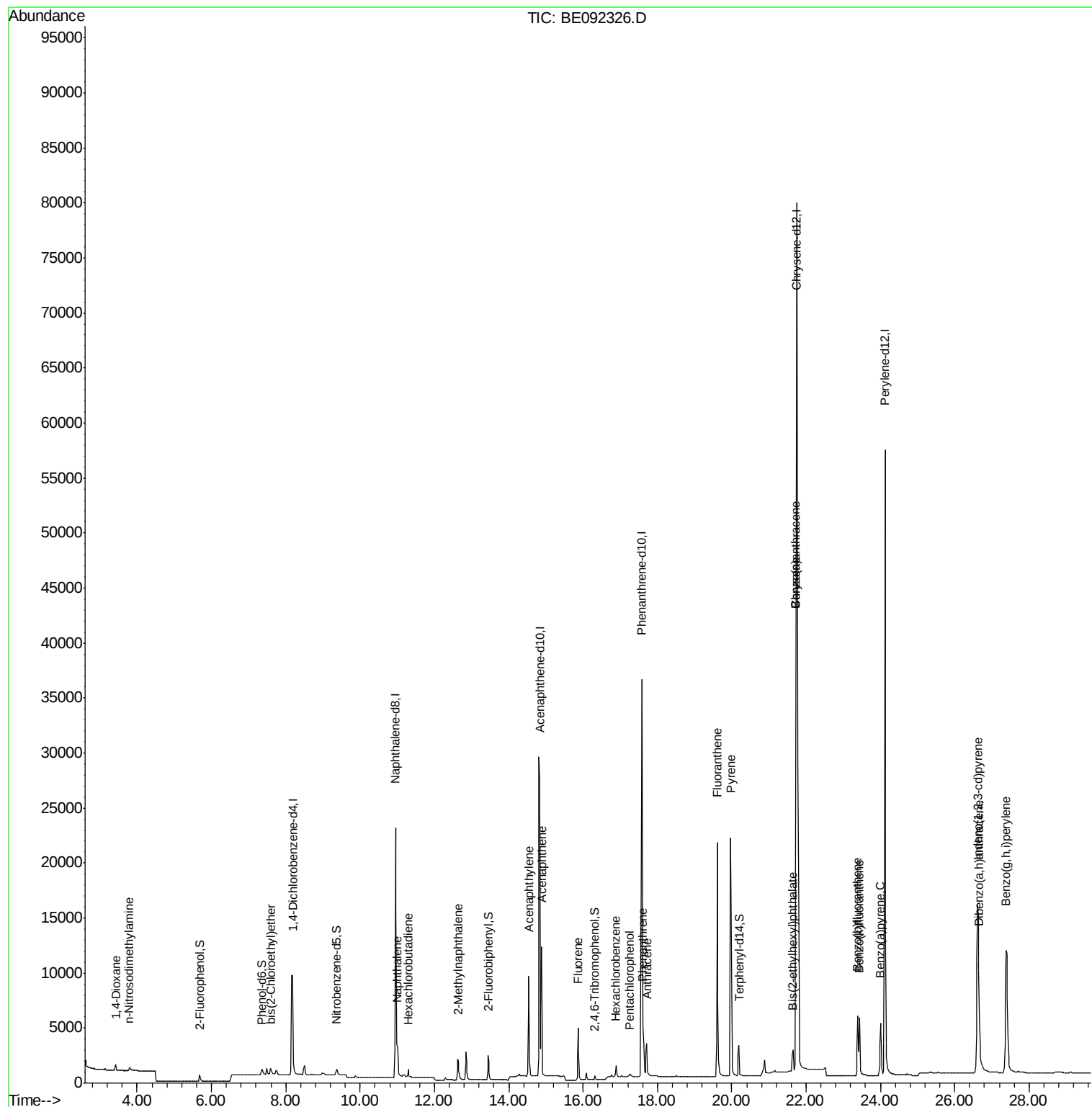
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	449	0.39	ng	100
3) n-Nitrosodimethylamine	3.79	42	452	0.37	ng	100
6) bis(2-Chloroethyl)ether	7.59	93	761	0.39	ng	# 100
9) Naphthalene	11.01	128	3302	0.37	ng	100
10) Hexachlorobutadiene	11.30	225	523	0.39	ng	100
11) 2-Methylnaphthalene	12.63	142	2125	0.39	ng	100
15) Acenaphthylene	14.54	152	15655	0.37	ng	100
16) Acenaphthene	14.88	154	2569	0.37	ng	100
17) Fluorene	15.87	166	3263	0.39	ng	100
19) Hexachlorobenzene	16.89	284	991	0.40	ng	100
20) Pentachlorophenol	17.26	266	264	0.42	ng	100
21) Phenanthrene	17.60	178	5636	0.39	ng	# 100
22) Anthracene	17.72	178	5229	0.40	ng	100
23) Fluoranthene	19.61	202	28055	0.43	ng	100
25) Pyrene	19.97	202	30340	0.37	ng	100
27) Benzo(a)anthracene	21.72	228	67586	0.73	ng	100
28) Chrysene	21.72	228	68018	0.83	ng	# 79
29) Bis(2-ethylhexyl)phthalate	21.63	149	3581	0.57	ng	# 100
30) Indeno(1,2,3-cd)pyrene	26.62	276	36999	0.43	ng	100
32) Benzo(b)fluoranthene	23.38	252	7875	0.39	ng	100
33) Benzo(k)fluoranthene	23.44	252	8941	0.39	ng	100
34) Benzo(a)pyrene	24.01	252	8025	0.39	ng	100
35) Dibenzo(a,h)anthracene	26.65	278	7516	0.41	ng	100
36) Benzo(g,h,i)perylene	27.38	276	31695	0.40	ng	100

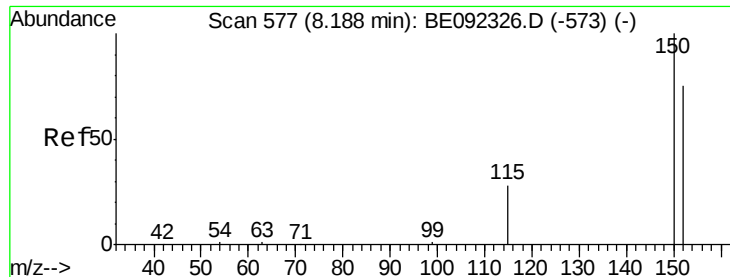
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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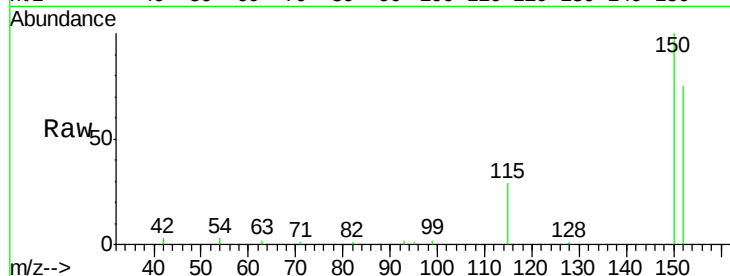


#1

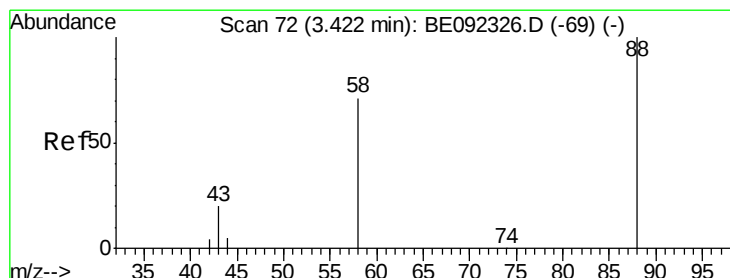
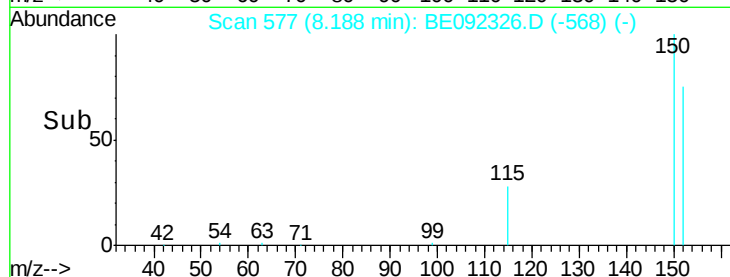
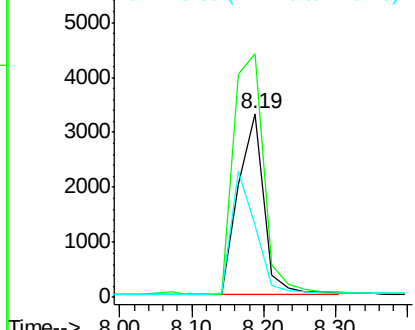
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 152 Resp: 8148
Ion Ratio Lower Upper
152 100
150 132.5 106.0 159.0
115 39.0 31.2 46.8



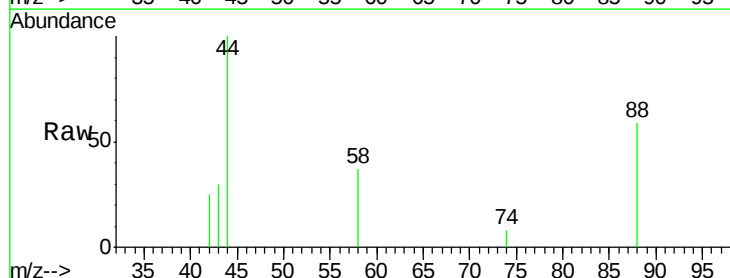
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



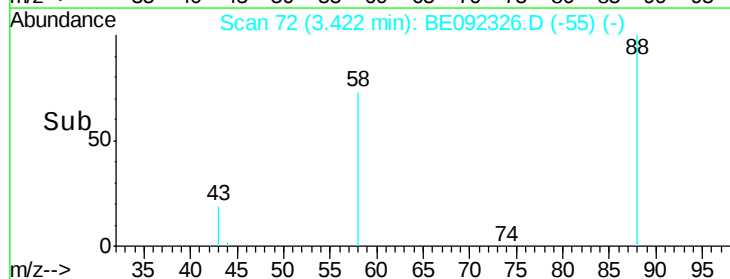
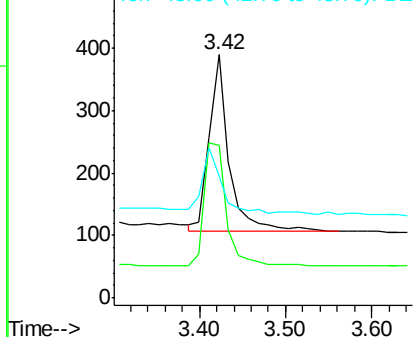
#2

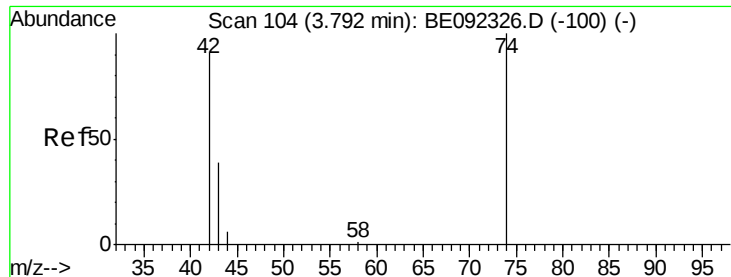
1,4-Dioxane
Concen: 0.39 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
58 79.5 63.6 95.4
43 35.0 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



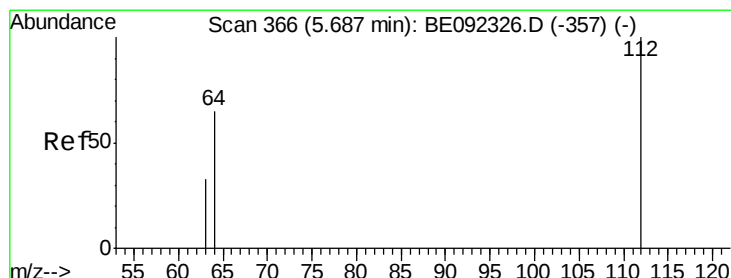
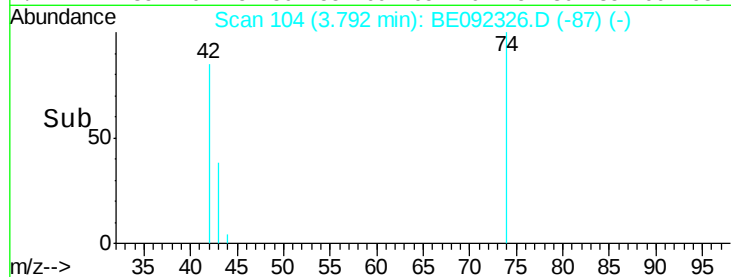
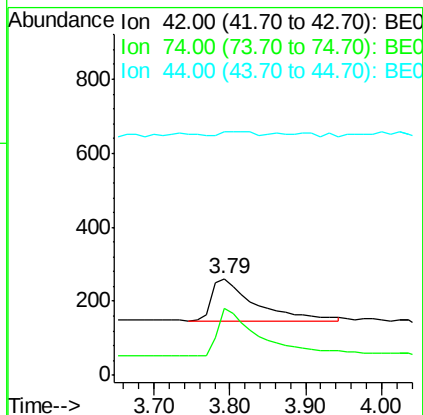
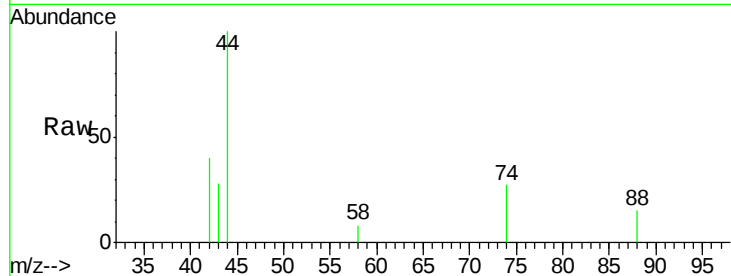


#3

n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

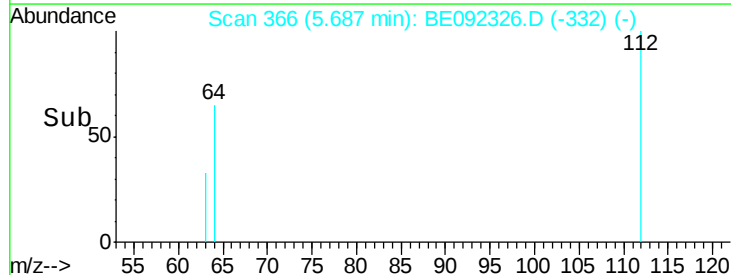
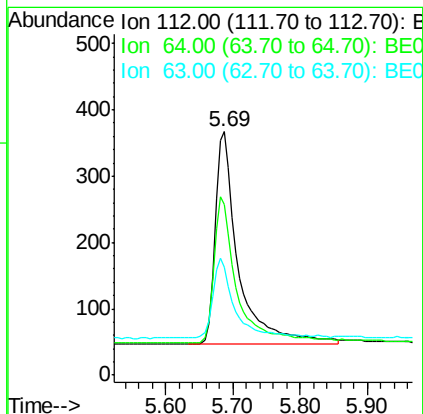
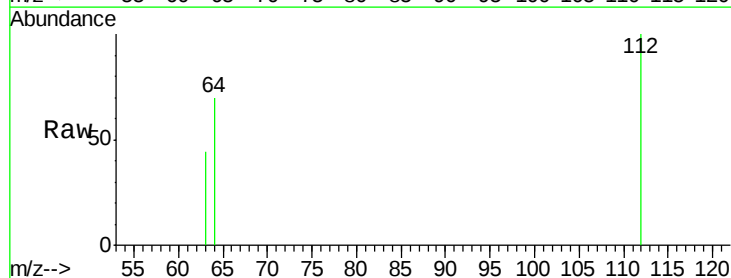
Tgt Ion: 42 Resp: 452
Ion Ratio Lower Upper
42 100
74 107.5 86.0 129.0
44 6.4 5.1 7.7

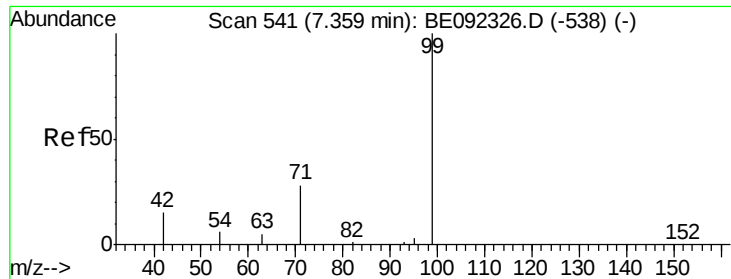


#4

2-Fluorophenol
Concen: 0.42 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Tgt Ion: 112 Resp: 788
Ion Ratio Lower Upper
112 100
64 66.9 53.5 80.3
63 34.9 27.9 41.9





#5

Phenol-d6

Concen: 0.38 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

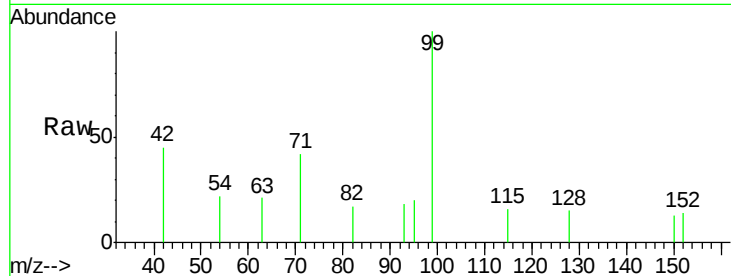
Tgt Ion: 99 Resp: 941

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

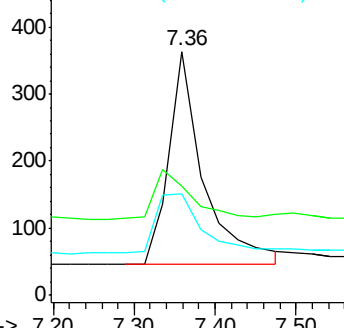
71 38.2 30.6 45.8



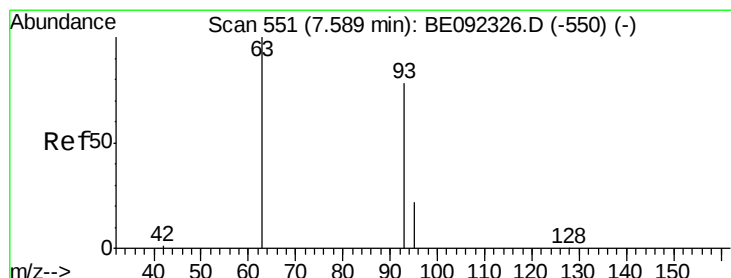
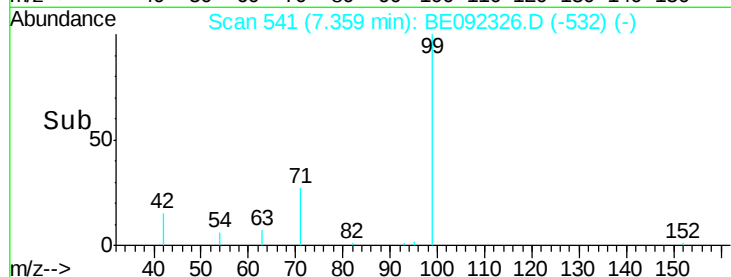
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 7.20 7.30 7.40 7.50



#6

bis(2-Chloroethyl)ether

Concen: 0.39 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

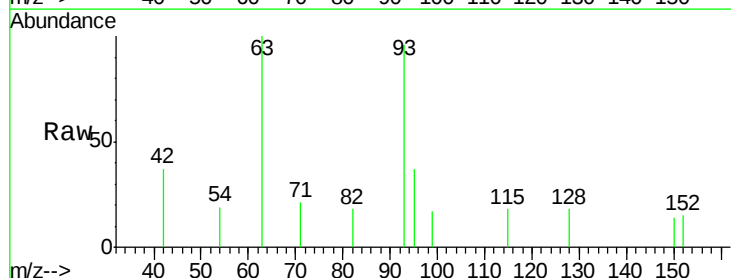
Tgt Ion: 93 Resp: 761

Ion Ratio Lower Upper

93 100

63 89.5 71.6 107.4

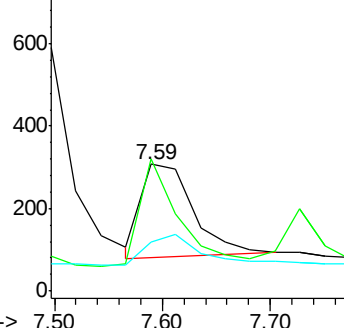
95 0.0 0.0 0.0



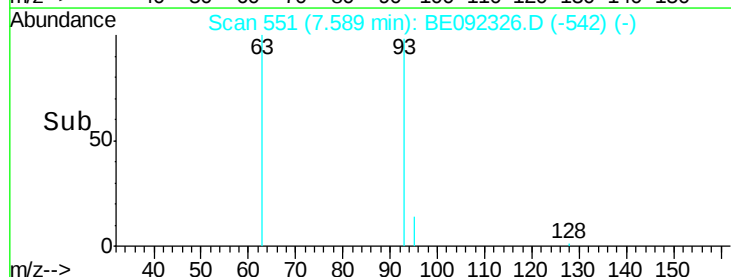
Abundance Ion 93.00 (92.70 to 93.70): BE0

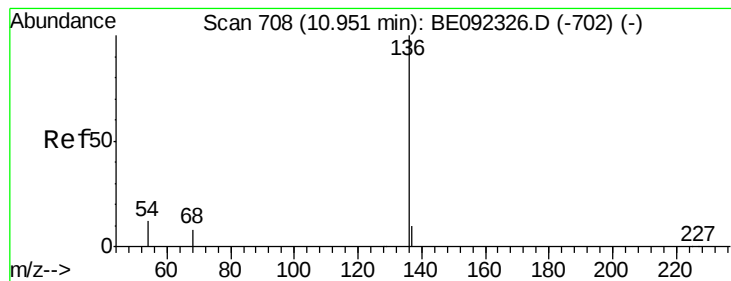
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.50 7.60 7.70





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 39900

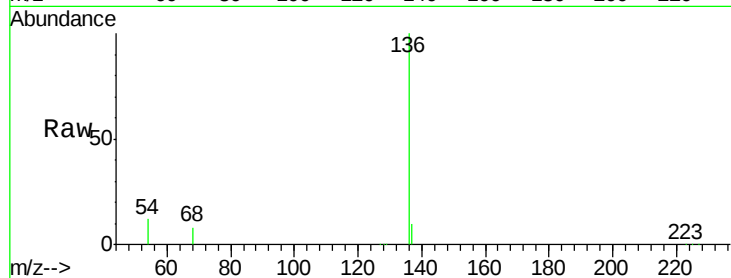
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 12.0 9.6 14.4

68 8.4 6.7 10.1

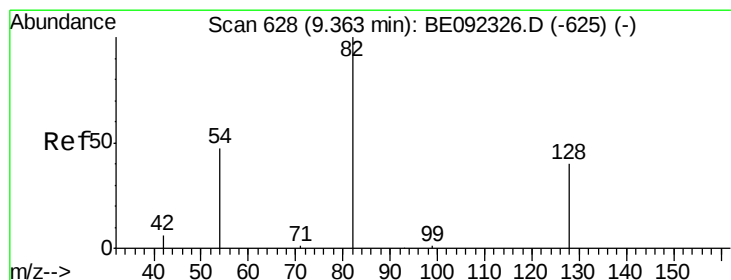
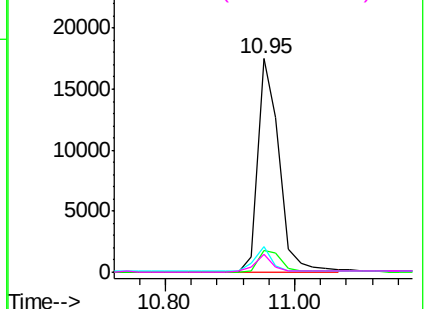
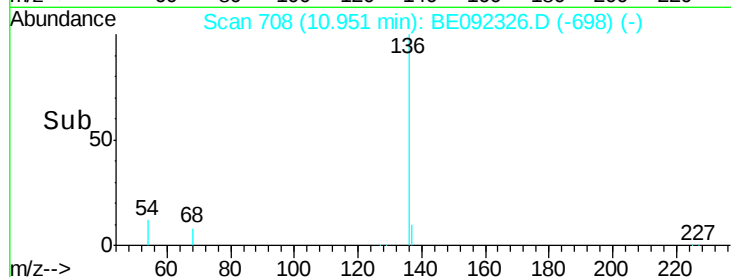


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE092326.D

Acq: 1 Sep 2016 13:21

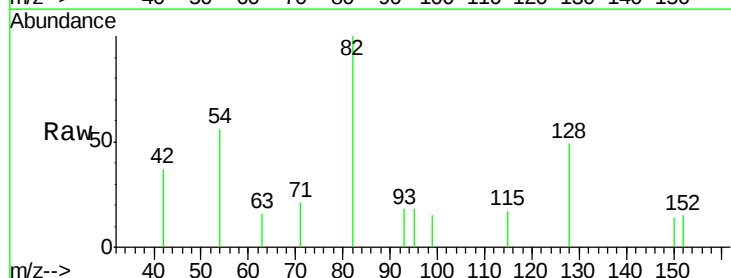
Tgt Ion: 82 Resp: 898

Ion Ratio Lower Upper

82 100

128 48.7 39.0 58.4

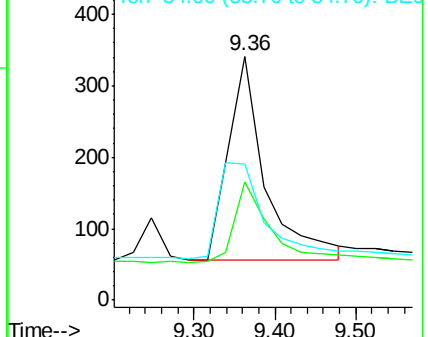
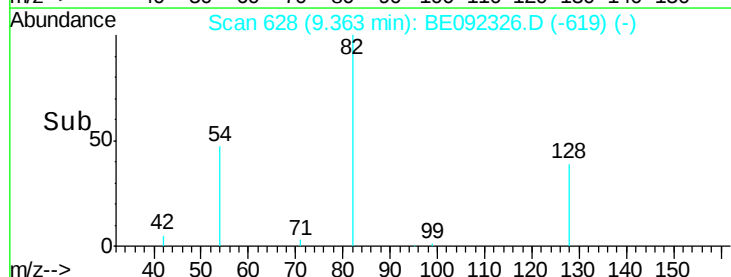
54 56.0 44.8 67.2

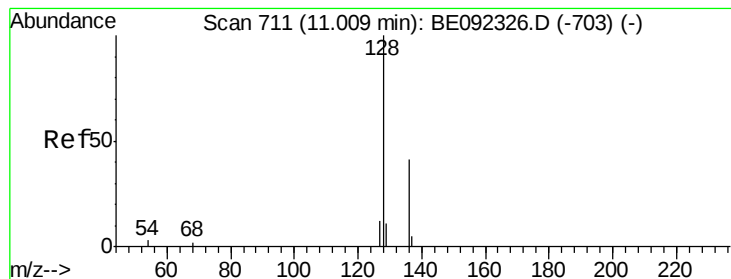


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.37 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

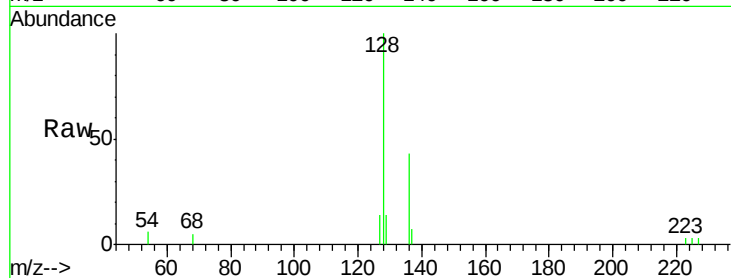
Tgt Ion:128 Resp: 3302

Ion Ratio Lower Upper

128 100

129 14.0 11.2 16.8

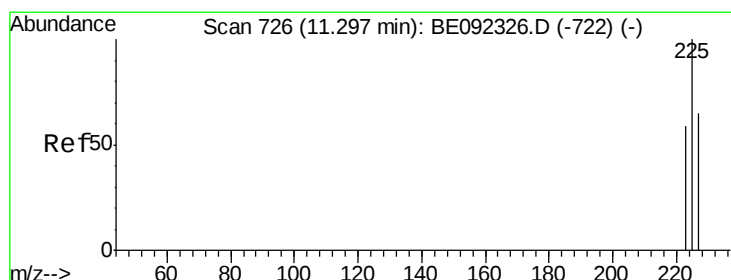
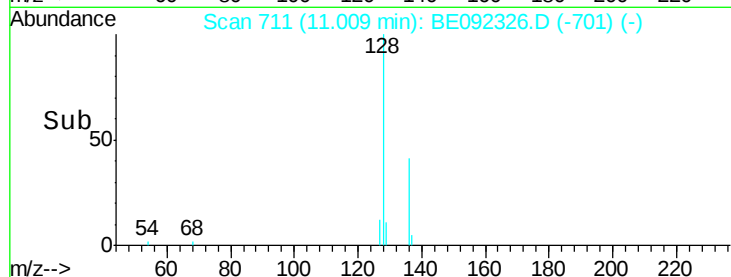
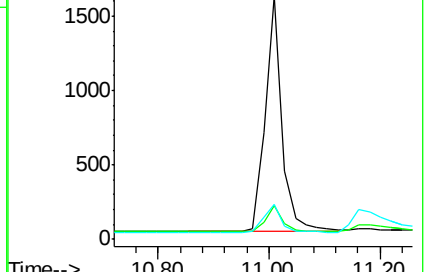
127 14.5 11.6 17.4



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: 0.39 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

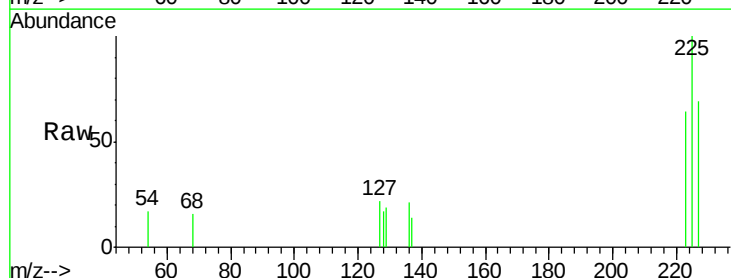
Tgt Ion:225 Resp: 523

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

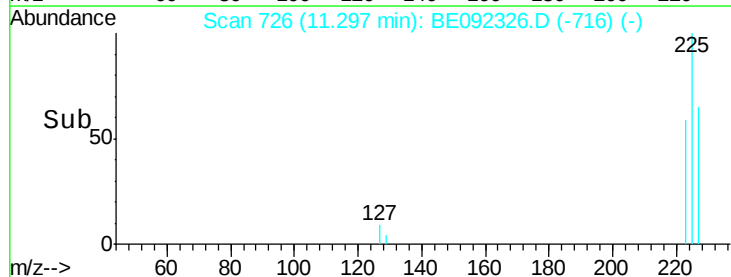
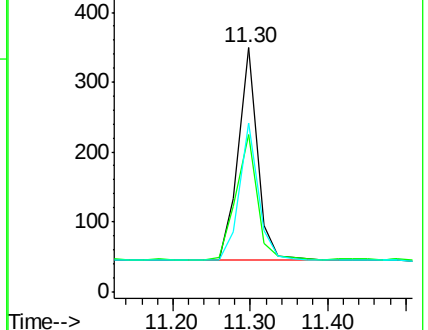
227 64.2 51.4 77.0

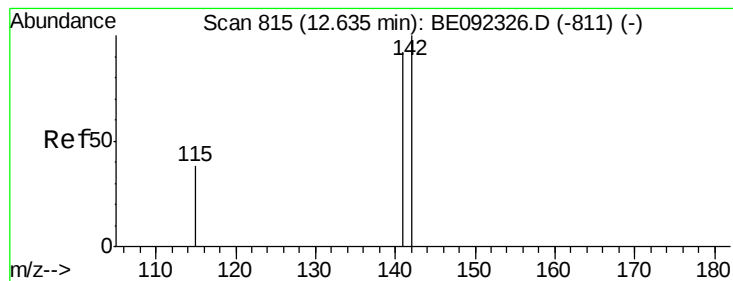


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.63 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

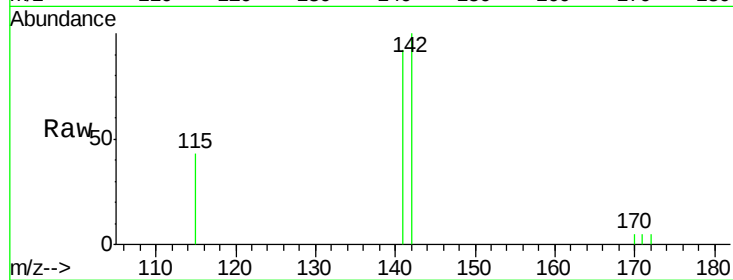
Tgt Ion:142 Resp: 2125

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

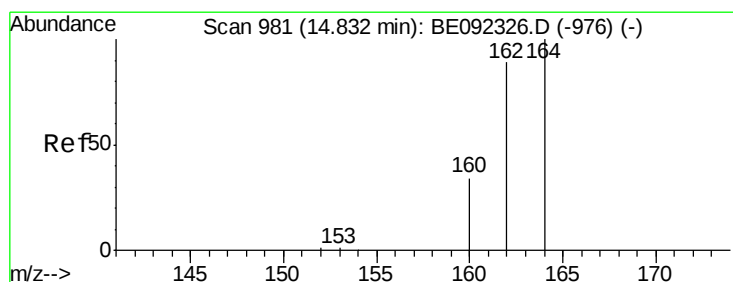
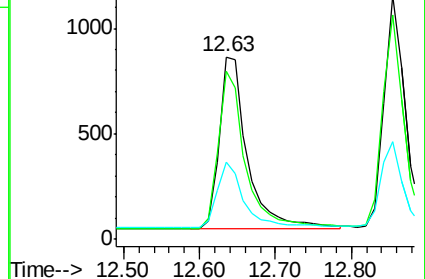
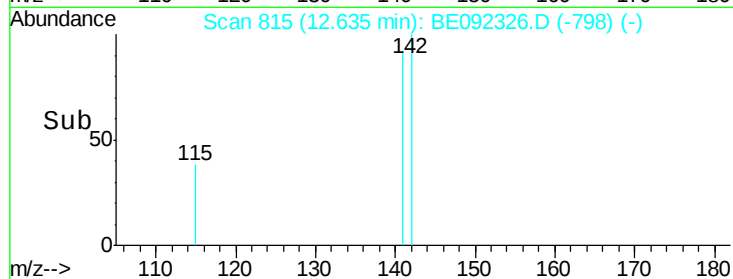
115 42.5 34.0 51.0



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: 14.83 min Scan# 981

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

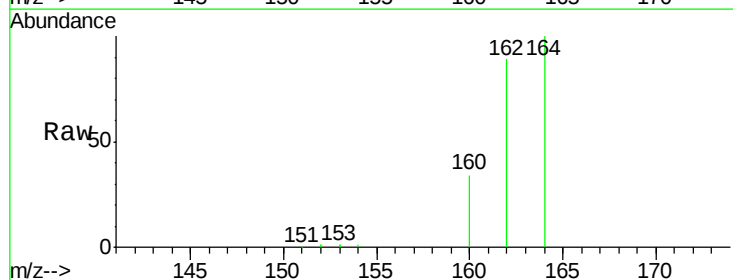
Tgt Ion:164 Resp: 24694

Ion Ratio Lower Upper

164 100

162 89.2 71.4 107.0

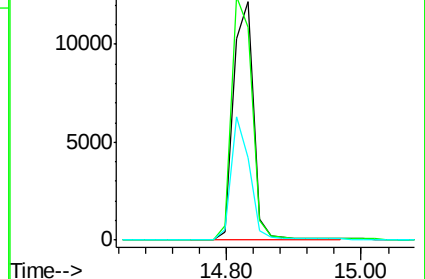
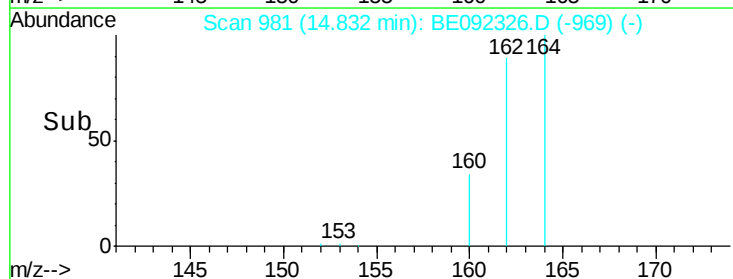
160 34.3 27.4 41.2

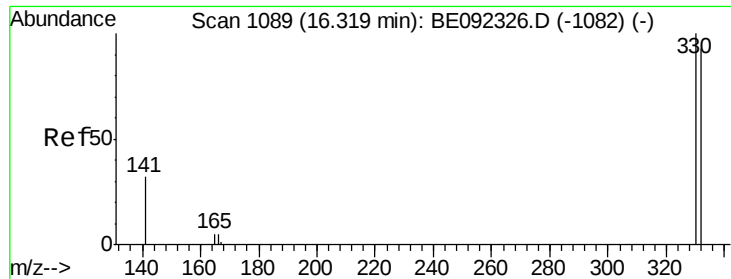


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

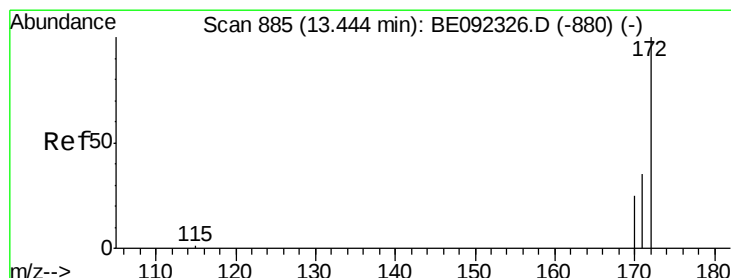
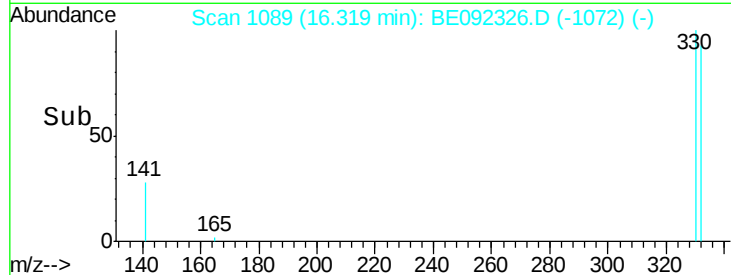
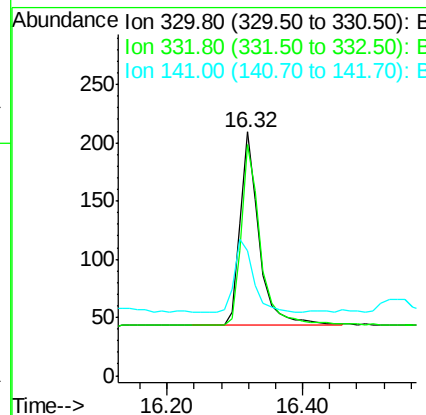
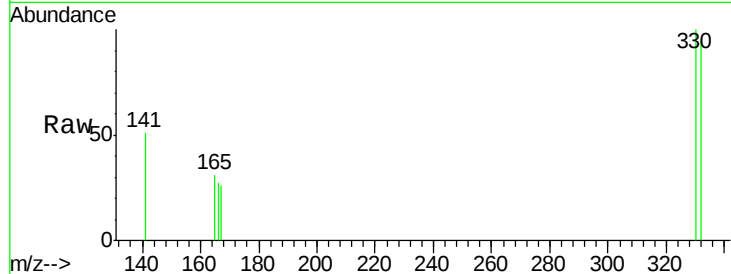




#13
 2,4,6-Tribromophenol
 Concen: 0.47 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092326.D
 Acq: 1 Sep 2016 13:21

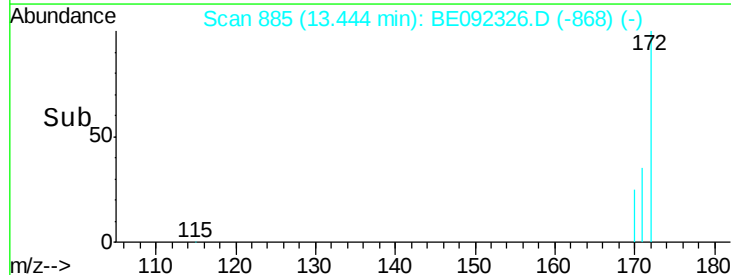
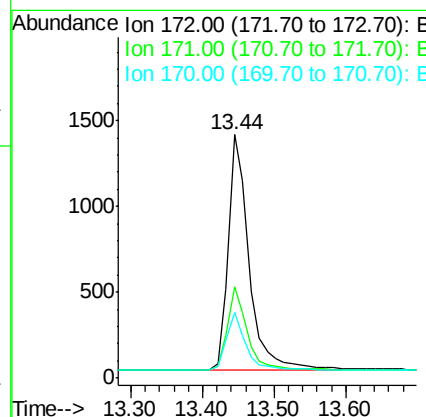
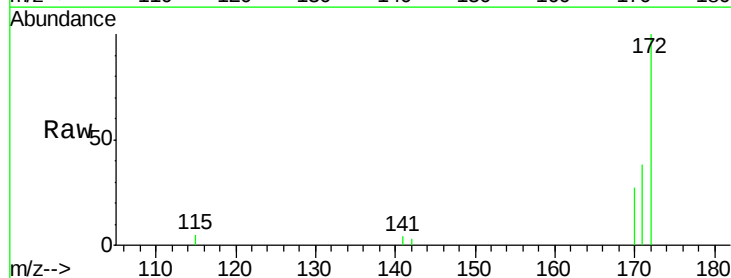
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

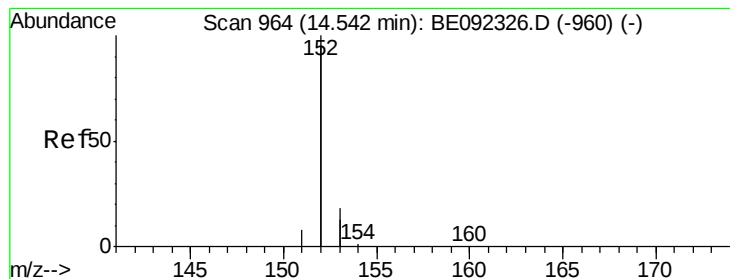
Tgt Ion: 330 Resp: 330
 Ion Ratio Lower Upper
 330 100
 332 94.2 75.4 113.0
 141 38.8 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.36 ng
 RT: 13.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092326.D
 Acq: 1 Sep 2016 13:21

Tgt Ion: 172 Resp: 2784
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.1 45.1
 170 27.2 21.8 32.6





#15

Acenaphthylene

Concen: 0.37 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

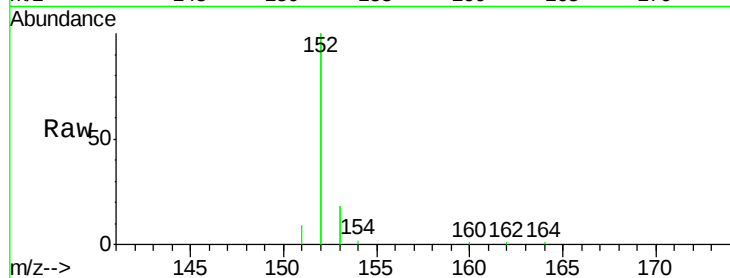
Tgt Ion:152 Resp: 15655

Ion Ratio Lower Upper

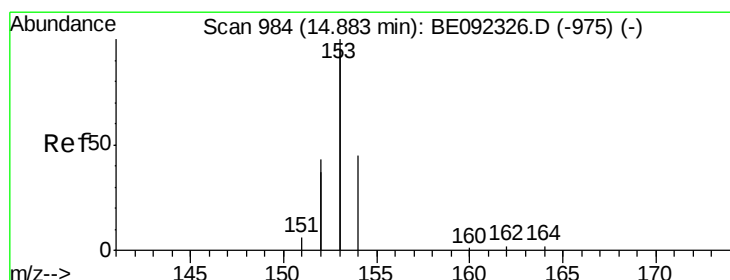
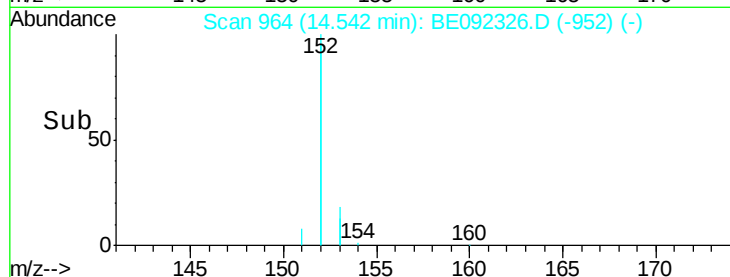
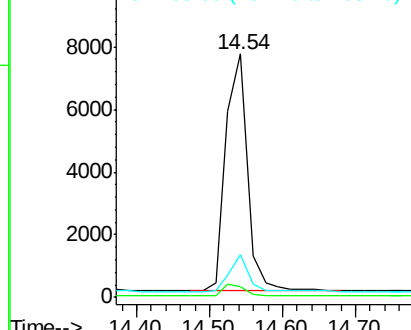
152 100

151 4.9 3.9 5.9

153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.37 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

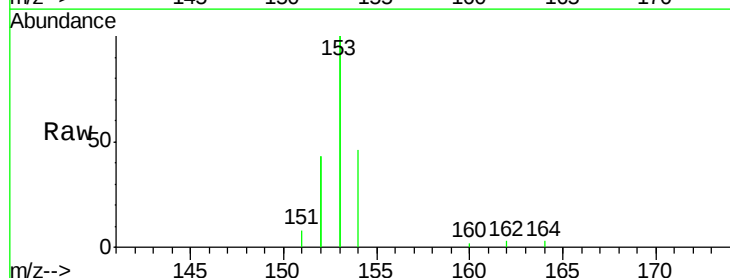
Tgt Ion:154 Resp: 2569

Ion Ratio Lower Upper

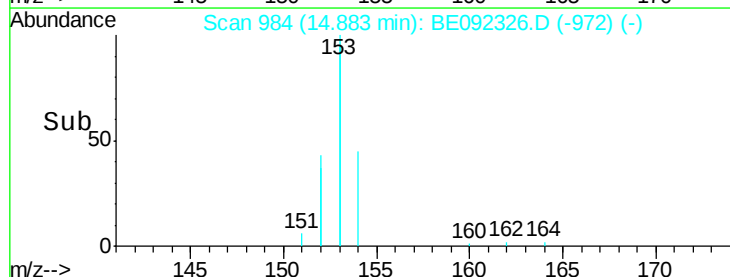
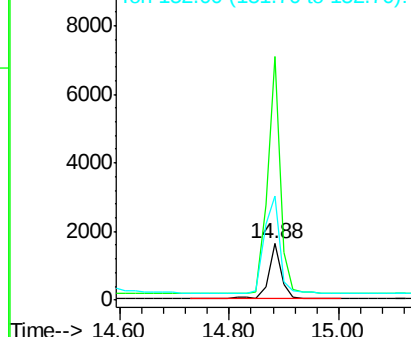
154 100

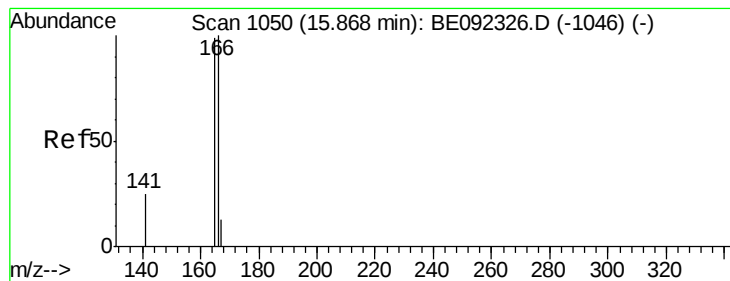
153 438.5 350.8 526.2

152 213.9 171.1 256.7



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: 0.39 ng

RT: 15.87 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

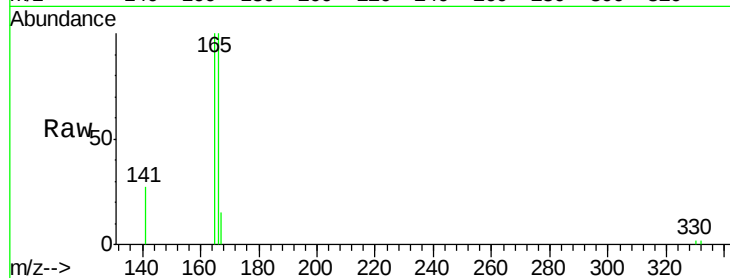
Tgt Ion:166 Resp: 3263

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

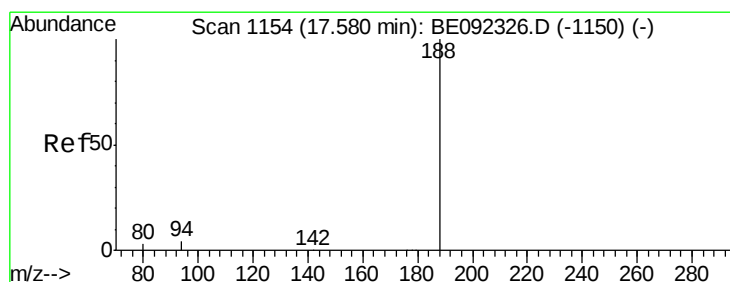
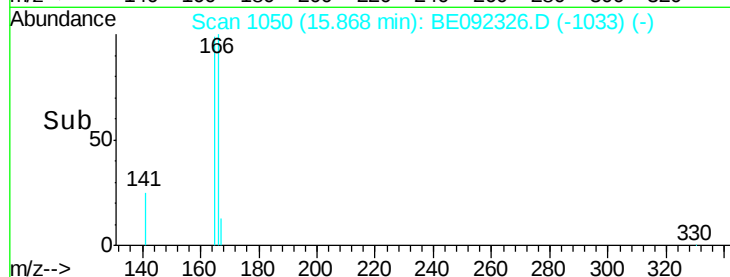
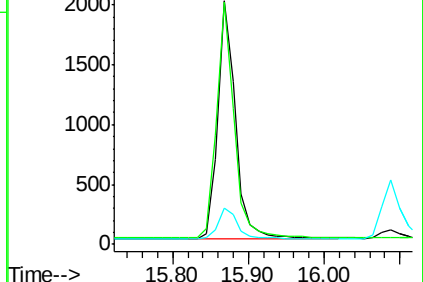
167 13.7 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

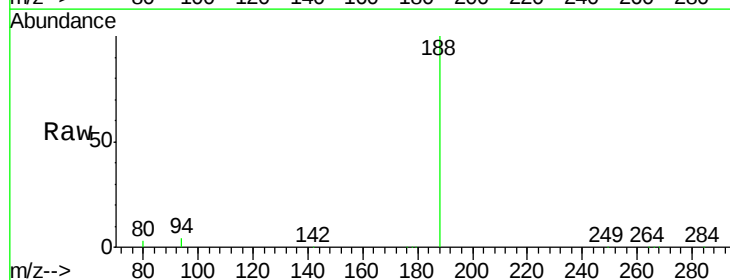
Tgt Ion:188 Resp: 60388

Ion Ratio Lower Upper

188 100

94 4.0 3.2 4.8

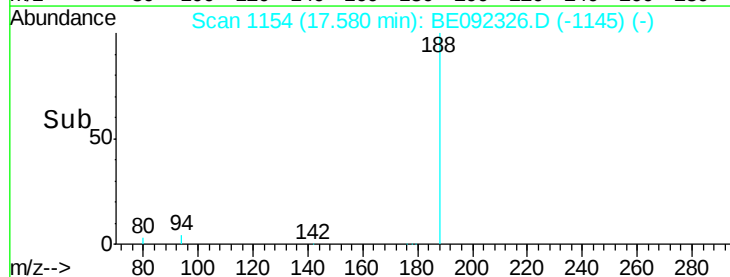
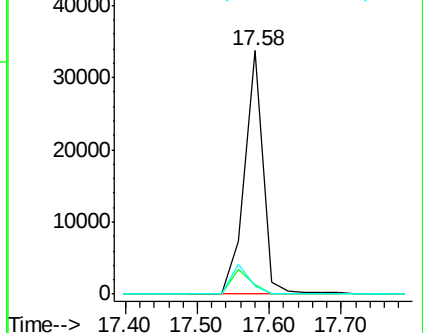
80 3.2 2.6 3.8

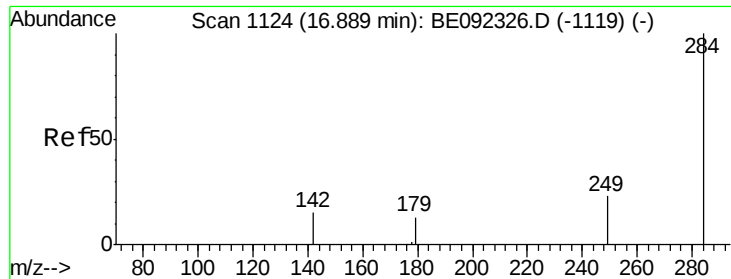


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

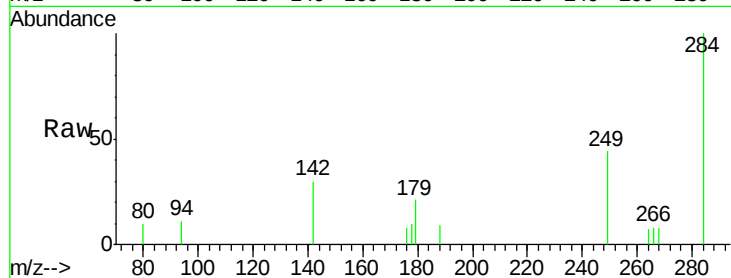




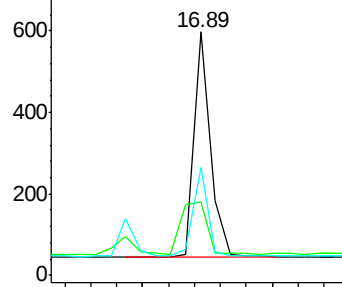
#19
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

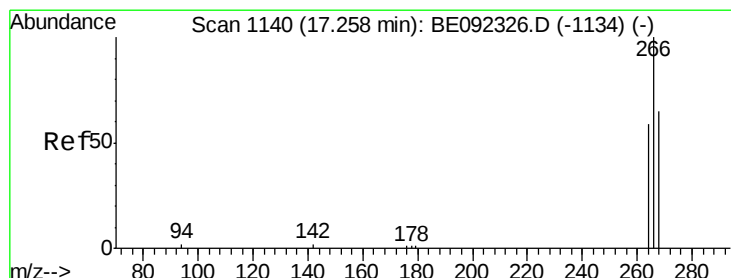
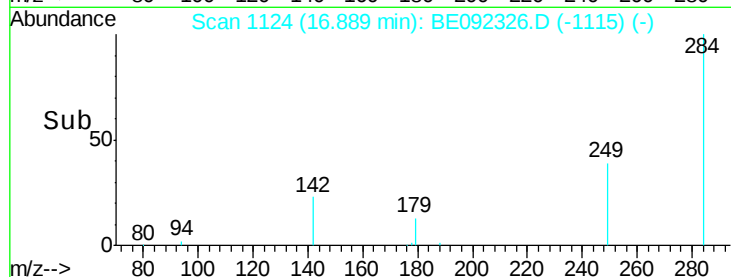
Tgt Ion: 284 Resp: 991
Ion Ratio Lower Upper
284 100
142 36.4 29.1 43.7
249 34.9 27.9 41.9



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

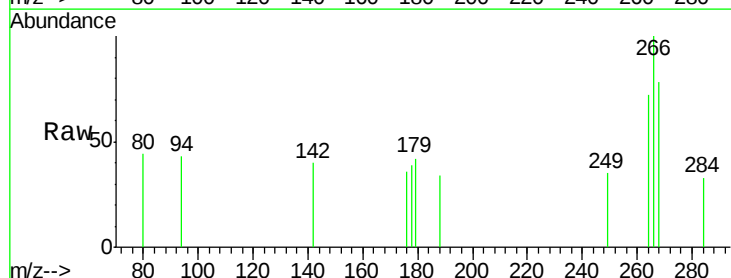


Time-->

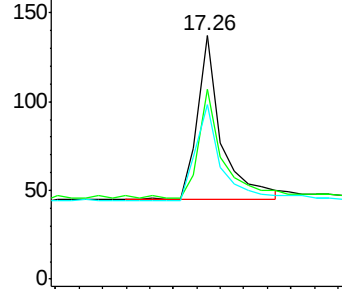


#20
Pentachlorophenol
Concen: 0.42 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092326.D
Acq: 1 Sep 2016 13:21

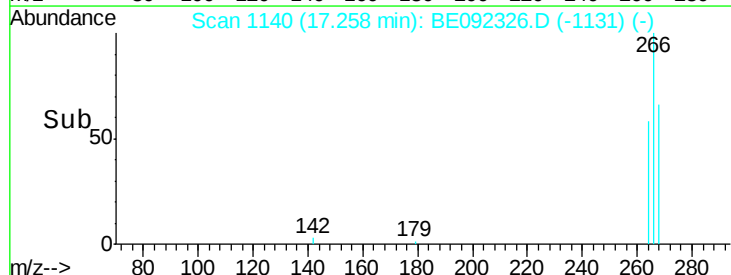
Tgt Ion: 266 Resp: 264
Ion Ratio Lower Upper
266 100
268 78.1 62.5 93.7
264 71.5 57.2 85.8

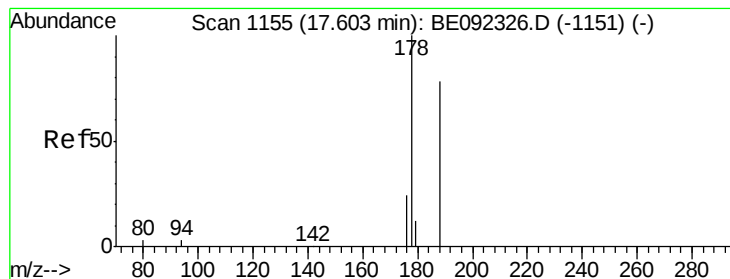


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#21

Phenanthrene

Concen: 0.39 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

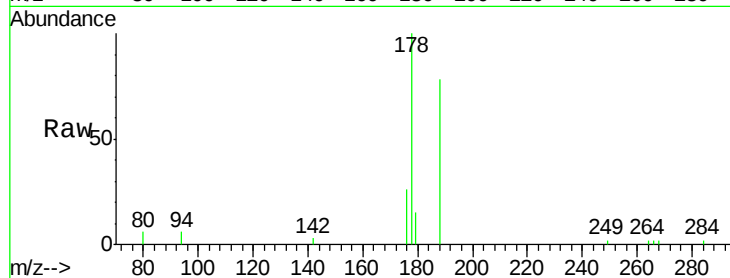
Tgt Ion:178 Resp: 5636

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

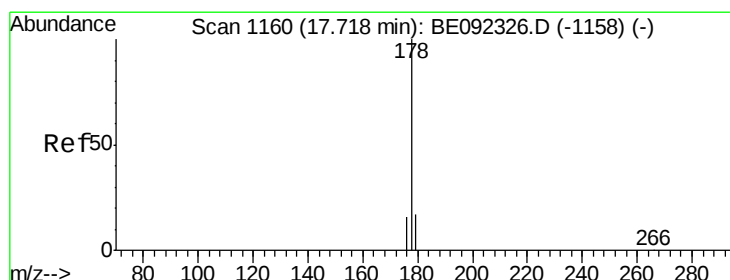
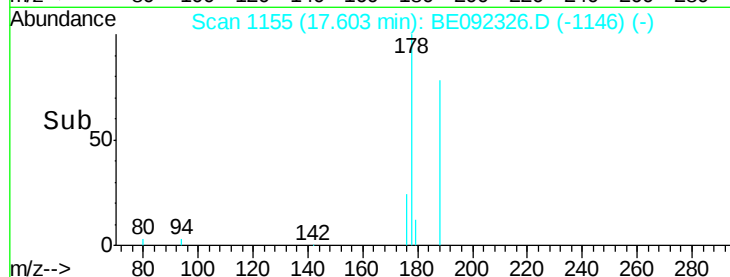
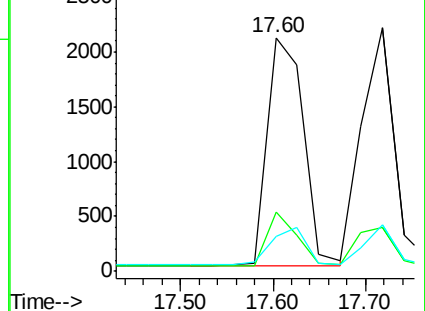
179 0.0 0.0 0.0



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: 0.40 ng

RT: 17.72 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

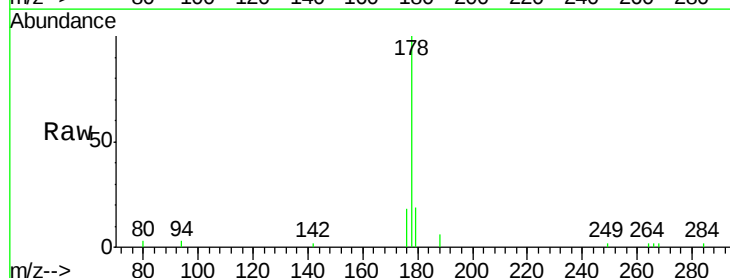
Tgt Ion:178 Resp: 5229

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

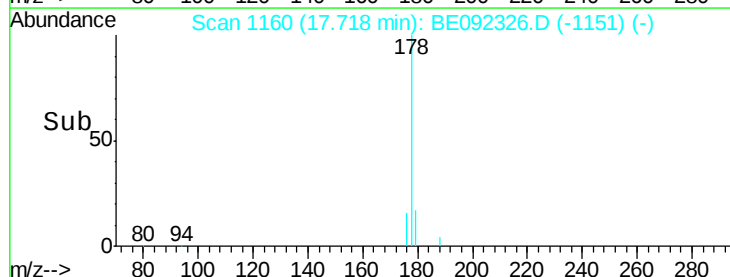
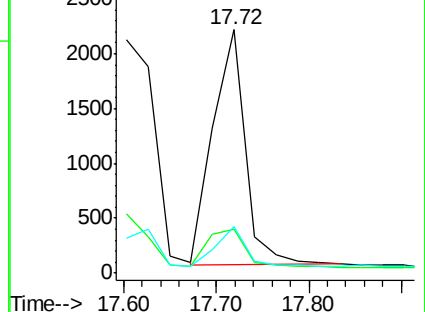
179 15.2 12.2 18.2

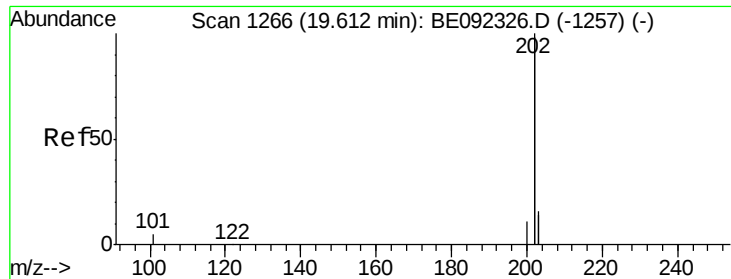


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.43 ng

RT: 19.61 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

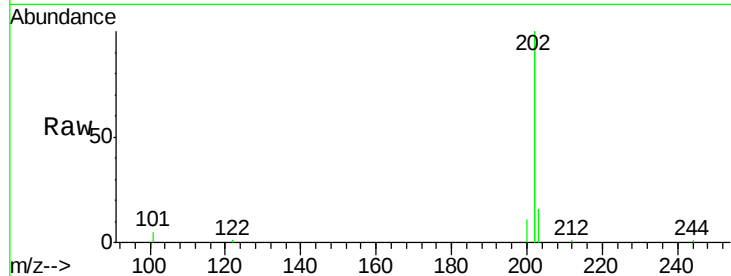
Tgt Ion: 202 Resp: 28055

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

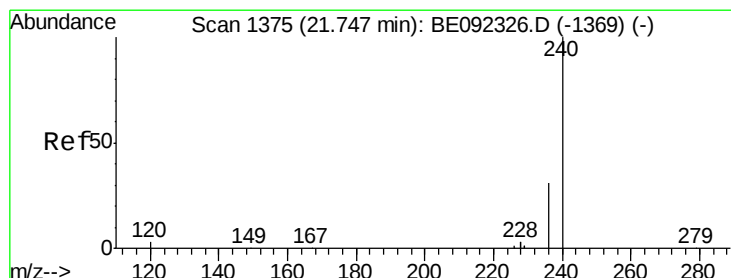
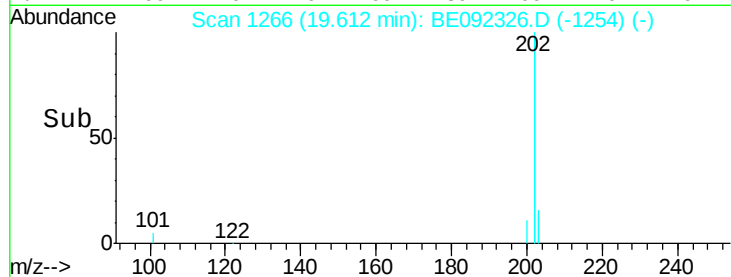
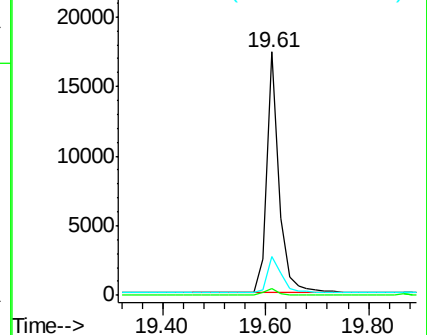
203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

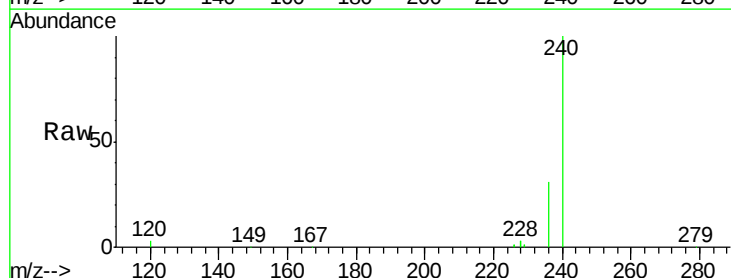
Tgt Ion: 240 Resp: 87748

Ion Ratio Lower Upper

240 100

120 3.3 2.6 4.0

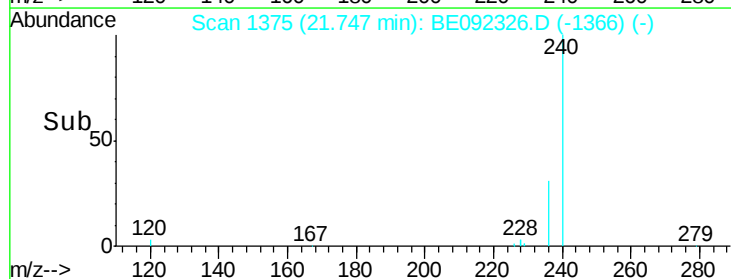
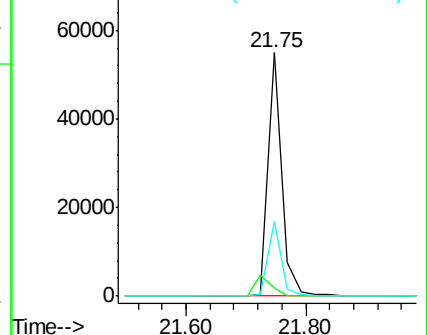
236 30.8 24.6 37.0

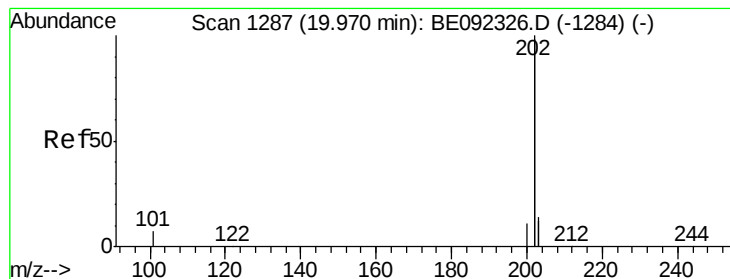


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.37 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

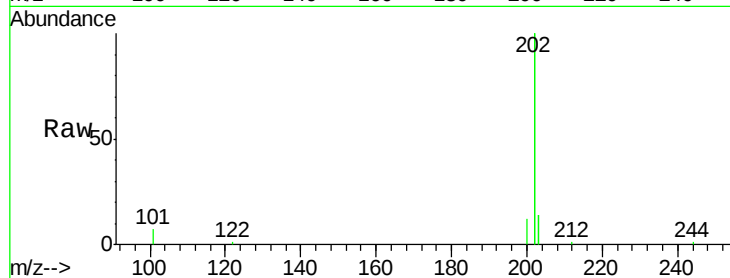
Tgt Ion: 202 Resp: 30340

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

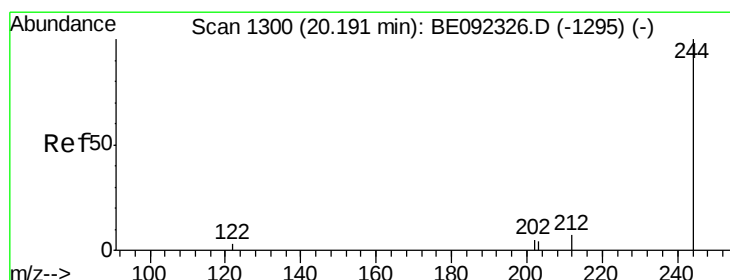
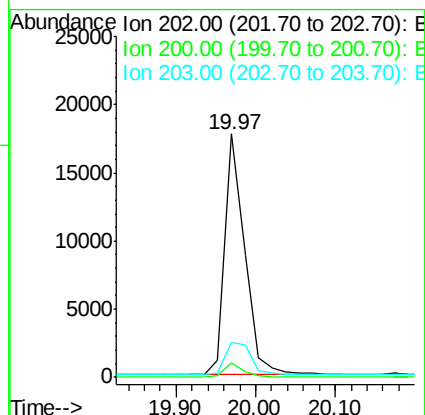
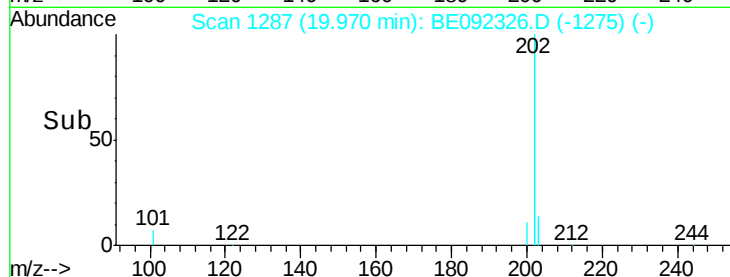
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.38 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

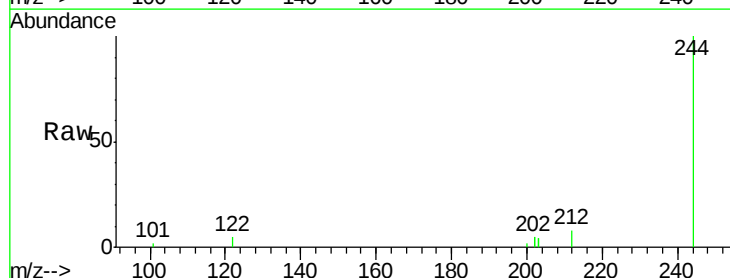
Tgt Ion: 244 Resp: 4551

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

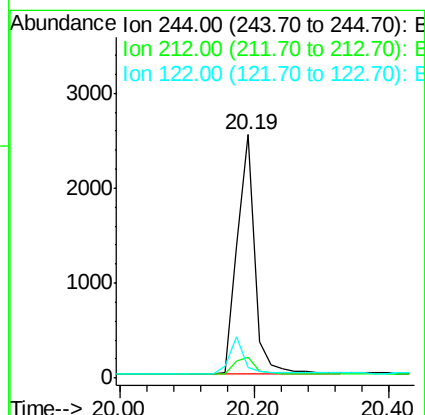
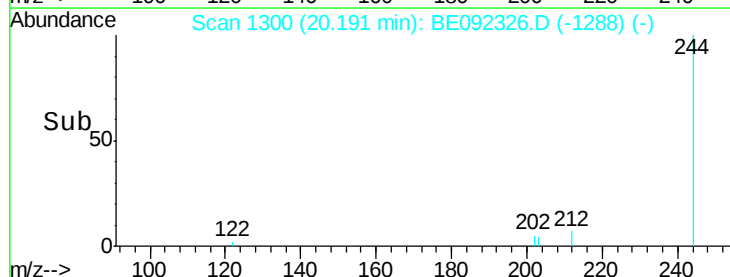
122 4.5 3.6 5.4

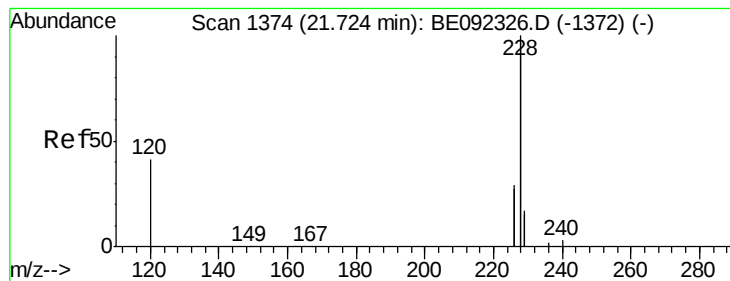


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.73 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

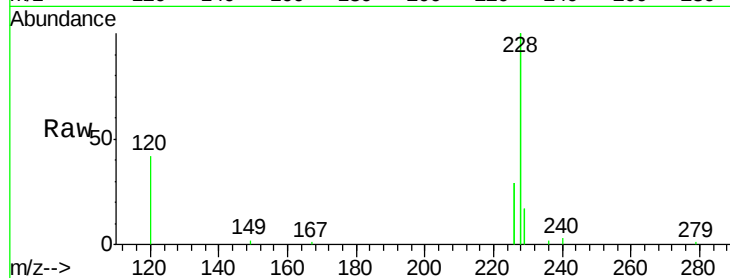
Tgt Ion:228 Resp: 67586

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

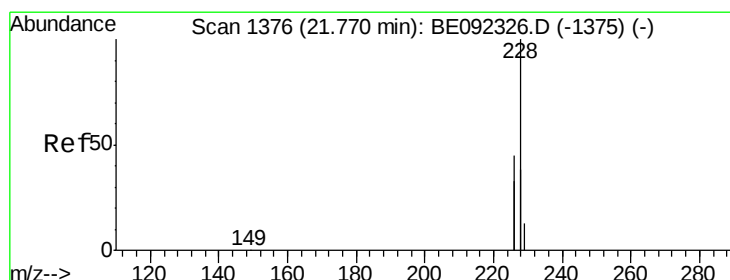
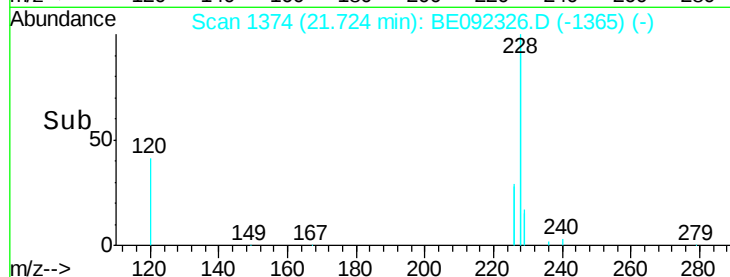
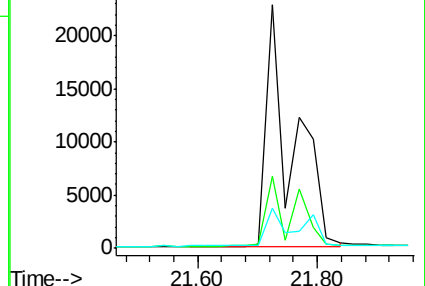
229 16.6 13.3 19.9



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



#28

Chrysene

Concen: 0.83 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.05 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

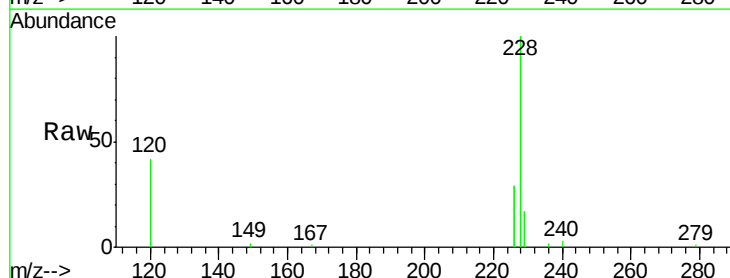
Tgt Ion:228 Resp: 68018

Ion Ratio Lower Upper

228 100

226 29.5 36.3 54.5#

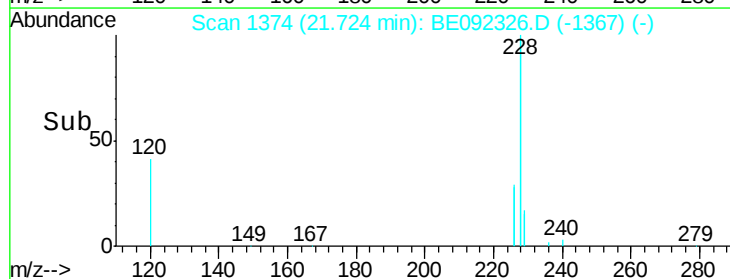
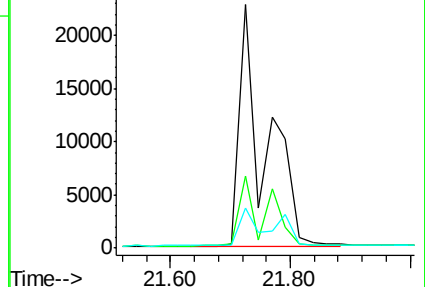
229 16.6 10.6 16.0#

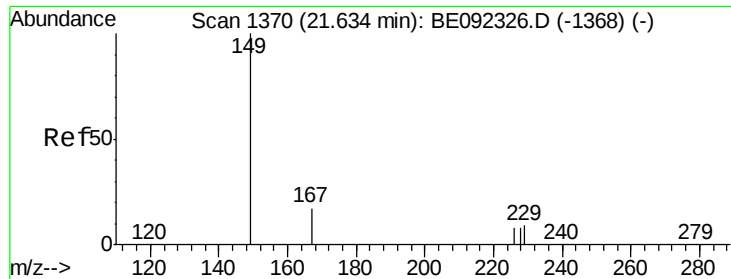


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 21.63 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

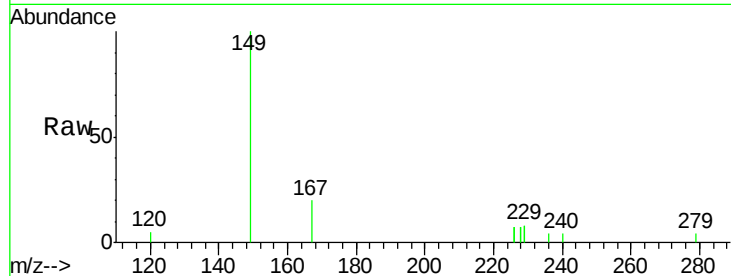
Tgt Ion:149 Resp: 3581

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

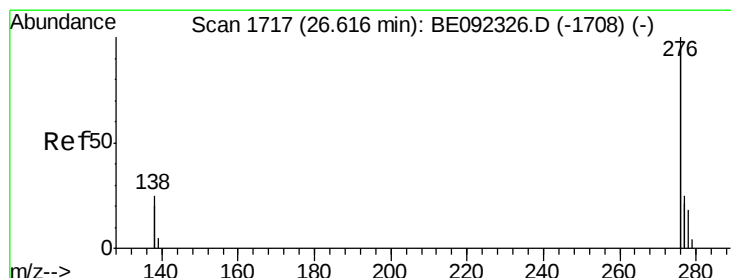
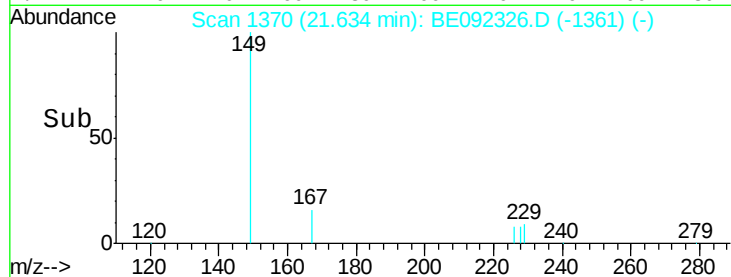
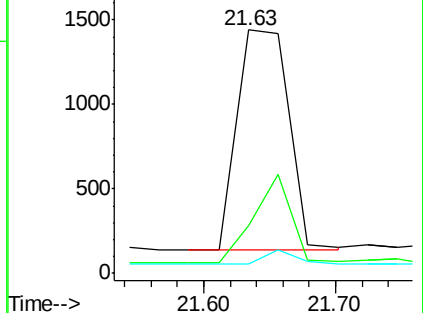
279 0.0 0.0 0.0



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: 0.43 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

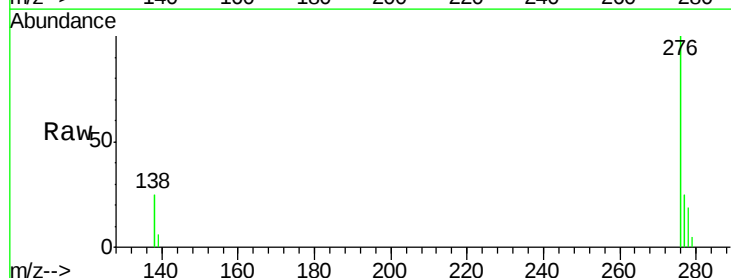
Tgt Ion:276 Resp: 36999

Ion Ratio Lower Upper

276 100

138 25.4 20.3 30.5

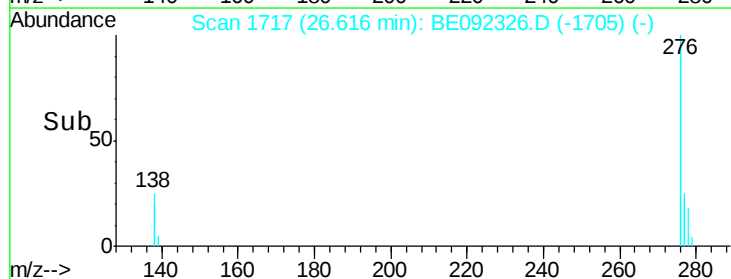
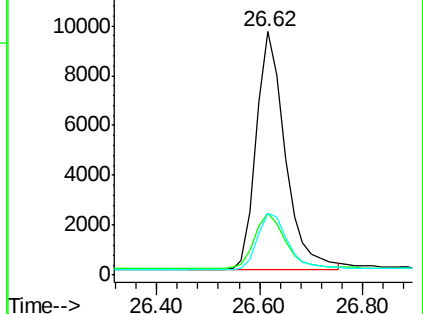
277 24.6 19.7 29.5

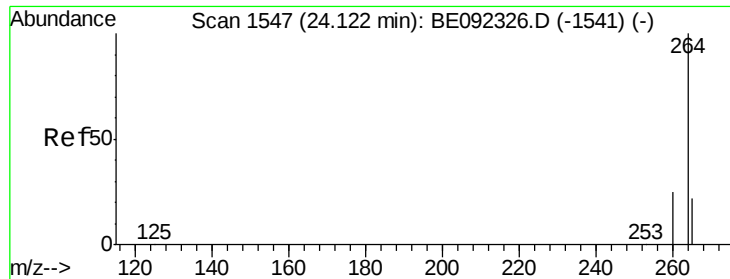


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

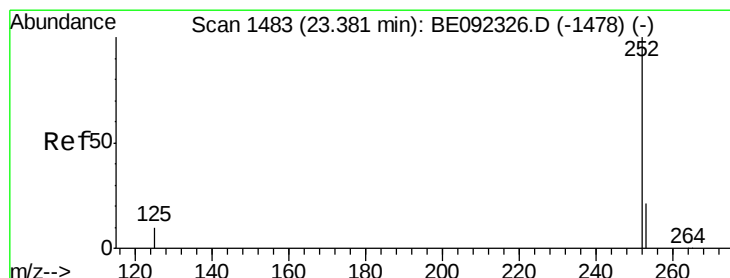
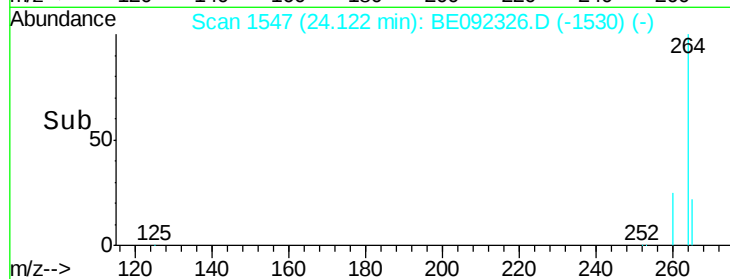
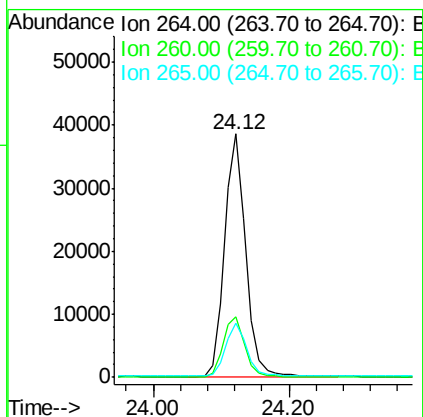
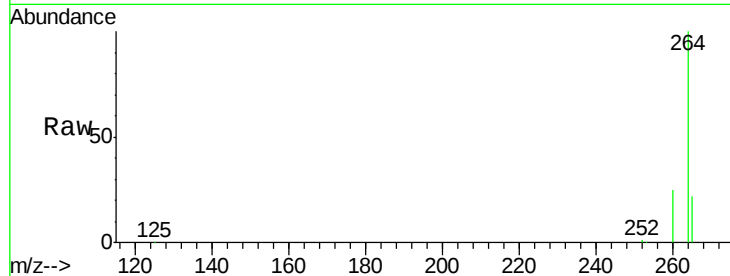




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BE092326.D
 Acq: 1 Sep 2016 13:21

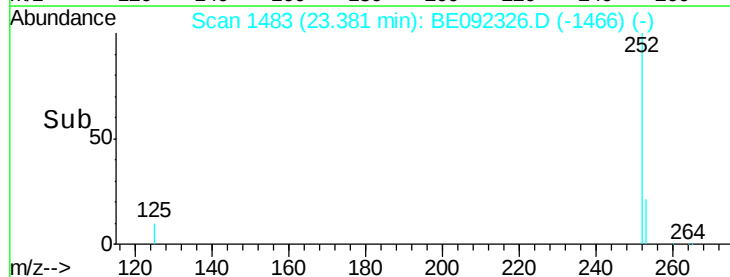
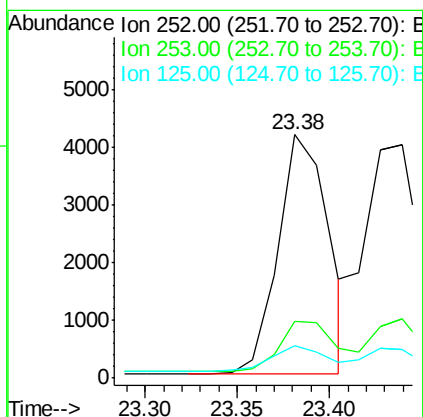
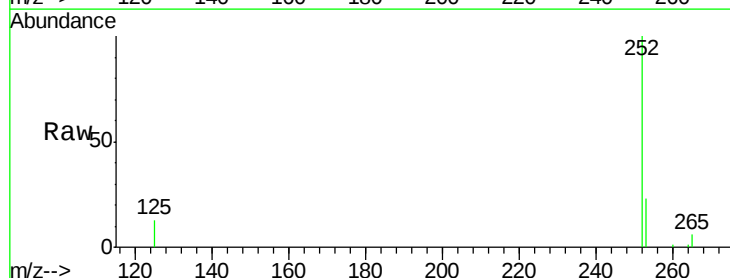
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

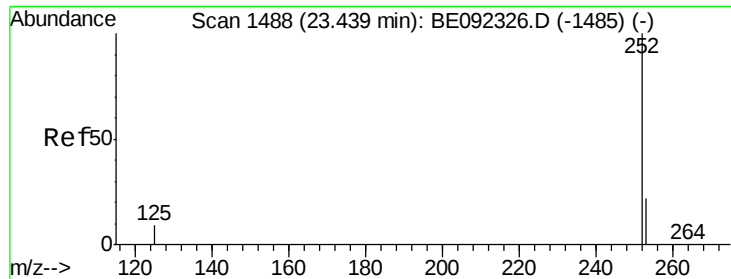
Tgt Ion: 264 Resp: 85315
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 22.4 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.39 ng
 RT: 23.38 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BE092326.D
 Acq: 1 Sep 2016 13:21

Tgt Ion: 252 Resp: 7875
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.7 28.1
 125 13.1 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.44 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

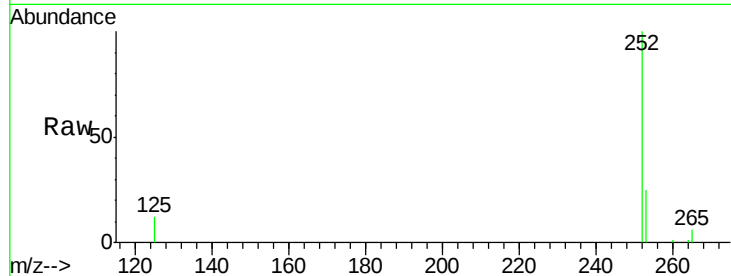
Tgt Ion:252 Resp: 8941

Ion Ratio Lower Upper

252 100

253 25.4 20.3 30.5

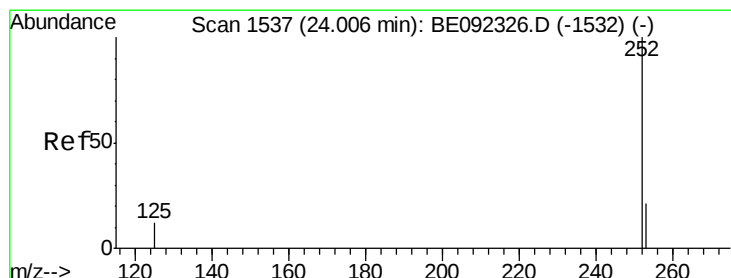
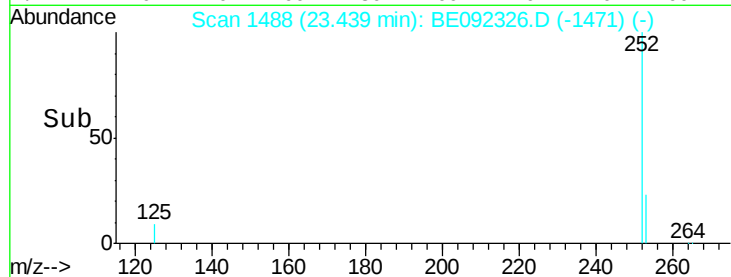
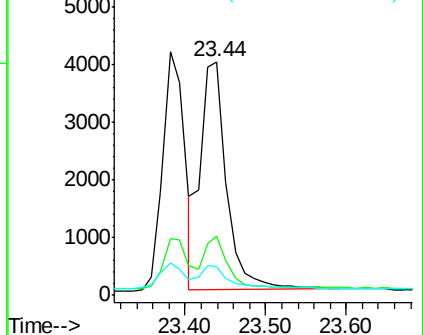
125 12.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.39 ng

RT: 24.01 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

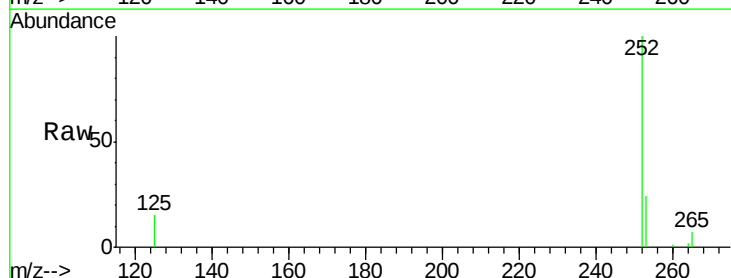
Tgt Ion:252 Resp: 8025

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

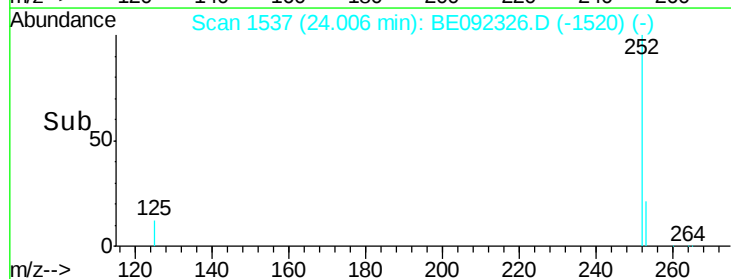
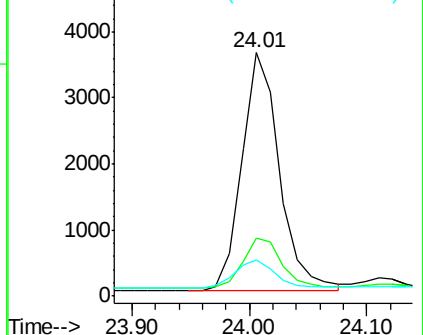
125 14.8 11.8 17.8

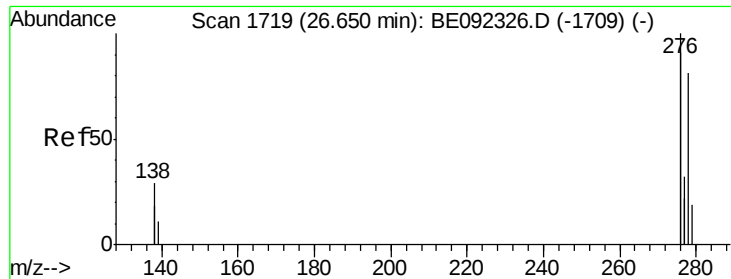


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 26.65 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

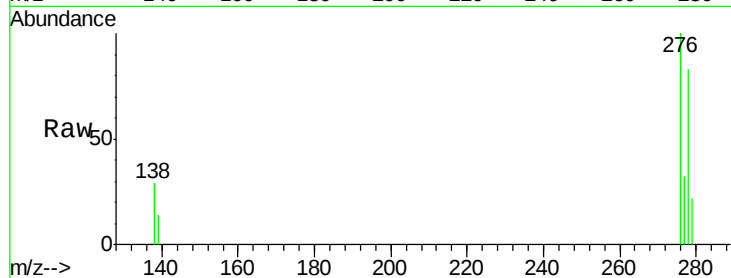
Tgt Ion:278 Resp: 7516

Ion Ratio Lower Upper

278 100

139 17.3 13.8 20.8

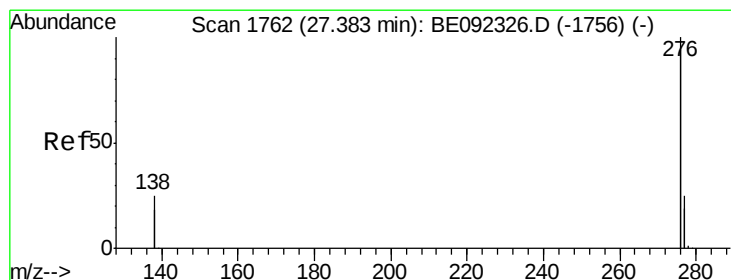
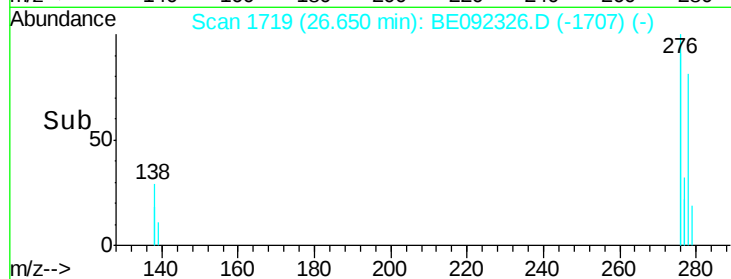
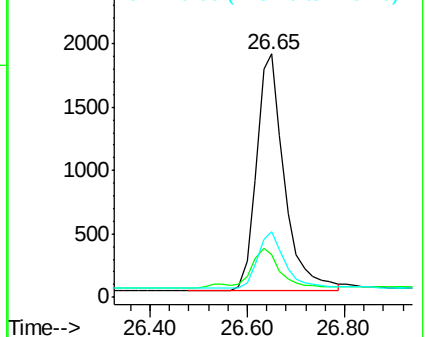
279 26.8 21.4 32.2



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: 0.40 ng

RT: 27.38 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BE092326.D

Acq: 1 Sep 2016 13:21

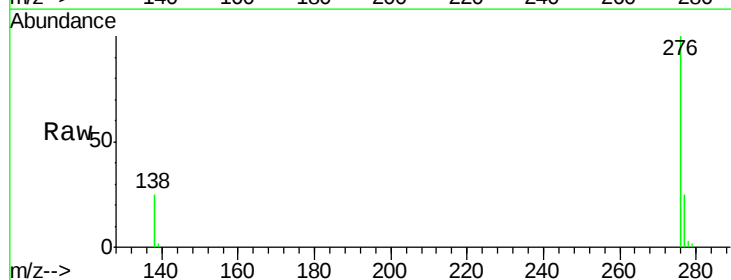
Tgt Ion:276 Resp: 31695

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 24.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

