

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
 Data File : BE092960.D
 Acq On : 9 May 2017 11:59
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 09 17:12:59 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3193	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1604	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4017	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4666	0.40	ng	0.00
33) Perylene-d12	23.70	264	4371	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	835	0.53	ng	0.00
5) Phenol-d6	6.94	99	1117	0.50	ng	0.00
8) Nitrobenzene-d5	8.93	82	973	0.45	ng	0.02
11) 2-Methylnaphthalene-d10	12.13	152	1803	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	151	0.60	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	2652	0.36	ng	0.01
24) Fluoranthene-d10	19.15	212	4363	0.47	ng	0.00
28) Terphenyl-d14	19.74	244	2794	0.34	ng	0.00

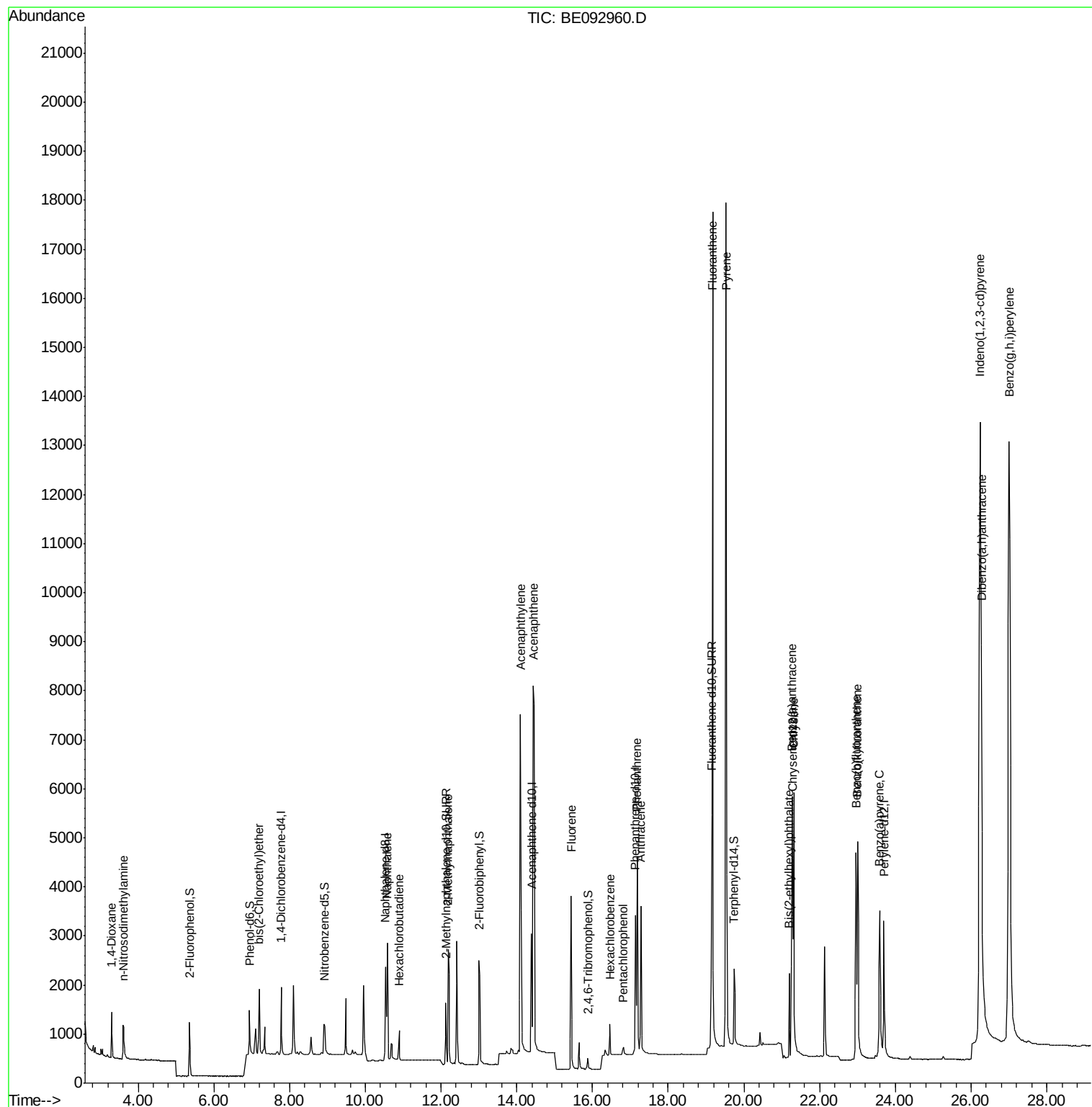
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	563	0.42	ng	99
3) n-Nitrosodimethylamine	3.61	42	522	0.50	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1143	0.44	ng	99
9) Naphthalene	10.58	128	3361	0.39	ng	# 86
10) Hexachlorobutadiene	10.89	225	464	0.40	ng	94
12) 2-Methylnaphthalene	12.19	142	2049	0.39	ng	95
16) Acenaphthylene	14.10	152	10582	0.42	ng	98
17) Acenaphthene	14.45	154	2014	0.40	ng	96
18) Fluorene	15.44	166	2525	0.40	ng	99
20) Hexachlorobenzene	16.47	284	751	0.44	ng	# 100
21) Pentachlorophenol	16.81	266	176	0.56	ng	# 84
22) Phenanthrene	17.18	178	4799	0.42	ng	96
23) Anthracene	17.27	178	3970	0.46	ng	99
25) Fluoranthene	19.17	202	21755	0.45	ng	# 97
27) Pyrene	19.53	202	22795	0.38	ng	# 100
29) Benzo(a)anthracene	21.27	228	4703	0.43	ng	# 83
30) Chrysene	21.32	228	5584	0.40	ng	# 84
31) Bis(2-ethylhexyl)phthalate	21.20	149	1946	0.65	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.24	276	31554	0.63	ng	99
34) Benzo(b)fluoranthene	22.96	252	6750	0.47	ng	# 84
35) Benzo(k)fluoranthene	23.01	252	6510	0.46	ng	# 79
36) Benzo(a)pyrene	23.58	252	5286	0.45	ng	# 74
37) Dibenzo(a,h)anthracene	26.27	278	6506	0.49	ng	# 76
38) Benzo(g,h,i)perylene	27.00	276	31166	0.56	ng	# 79

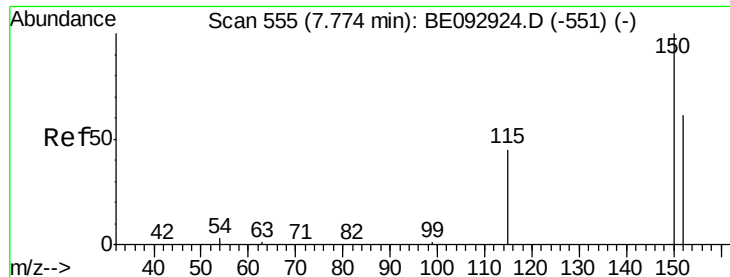
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

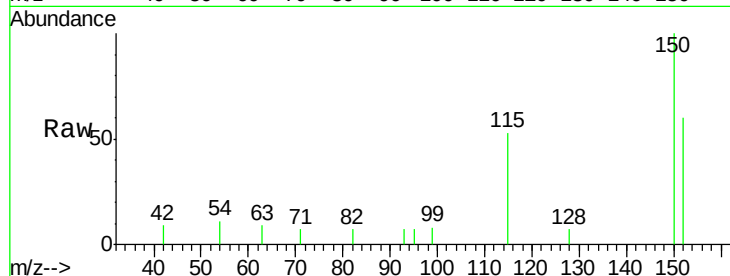
Tgt Ion:152 Resp: 706

Ion Ratio Lower Upper

152 100

150 167.7 129.9 194.9

115 89.7 62.6 93.8



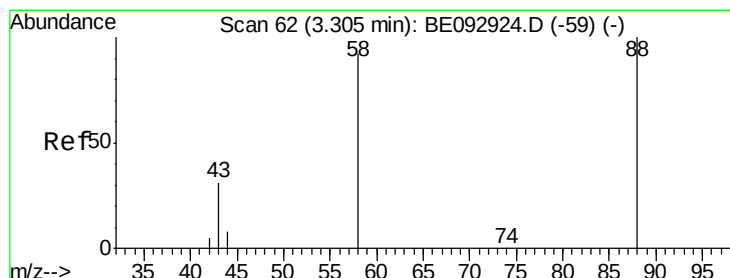
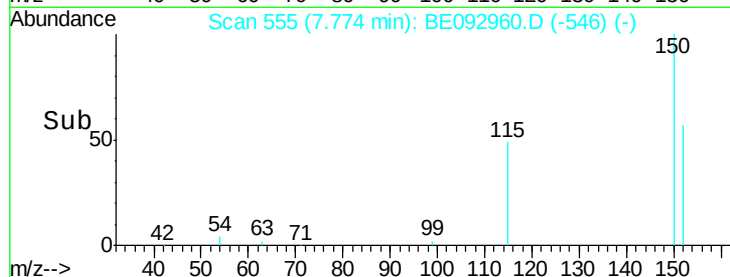
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.77

Time-->



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.30 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

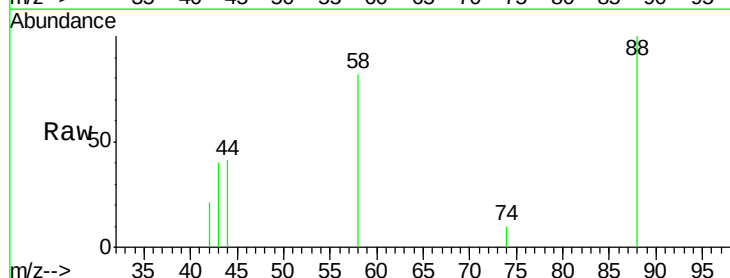
Tgt Ion: 88 Resp: 563

Ion Ratio Lower Upper

88 100

58 81.2 64.9 97.3

43 31.8 26.6 40.0



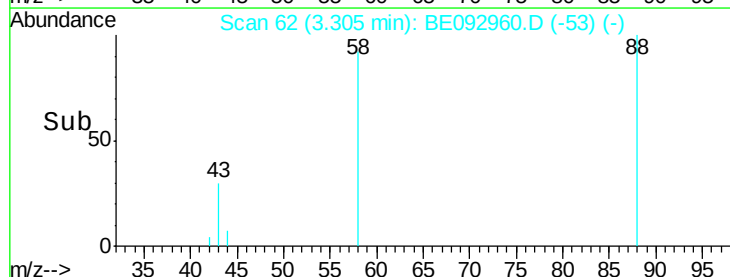
Abundance Ion 88.00 (87.70 to 88.70): BE0

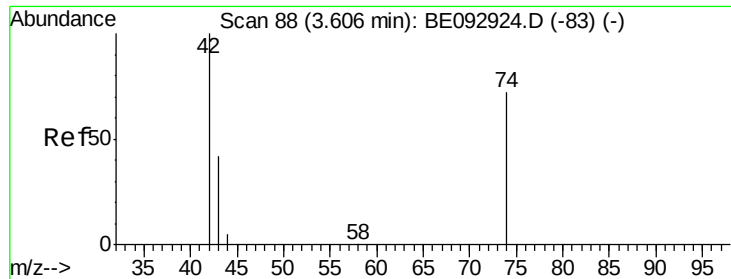
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.30

Time-->





#3

n-Nitrosodimethylamine

Concen: 0.50 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

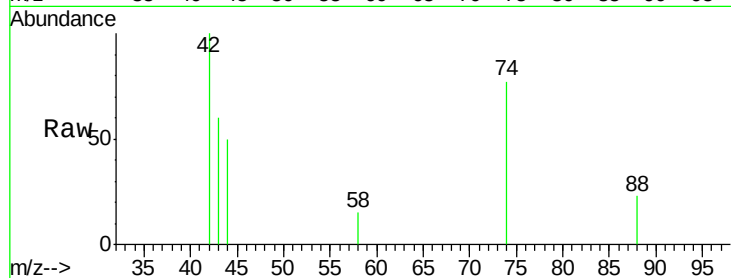
Tgt Ion: 42 Resp: 522

Ion Ratio Lower Upper

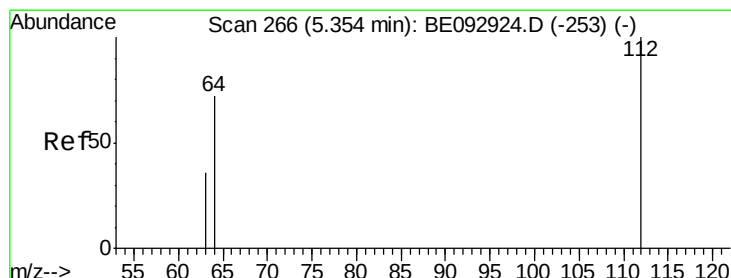
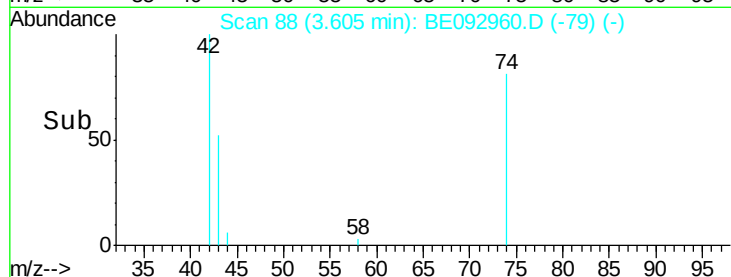
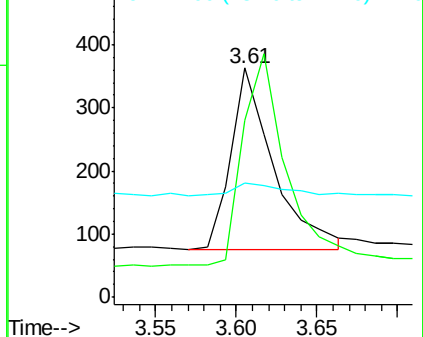
42 100

74 121.6 106.6 160.0

44 9.4 25.7 38.5#



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: 0.53 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

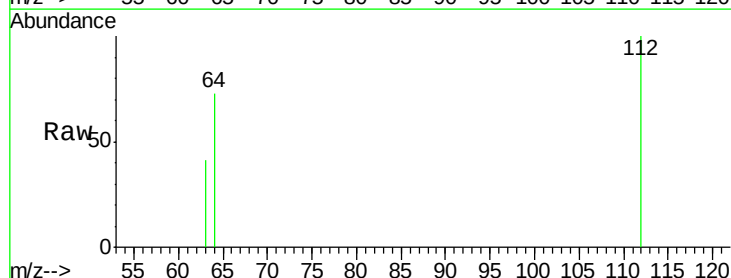
Tgt Ion: 112 Resp: 835

Ion Ratio Lower Upper

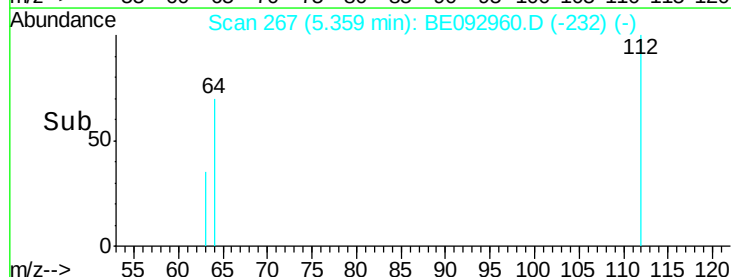
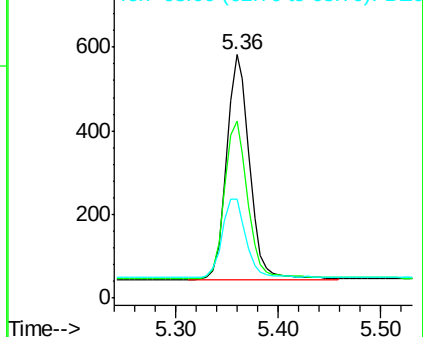
112 100

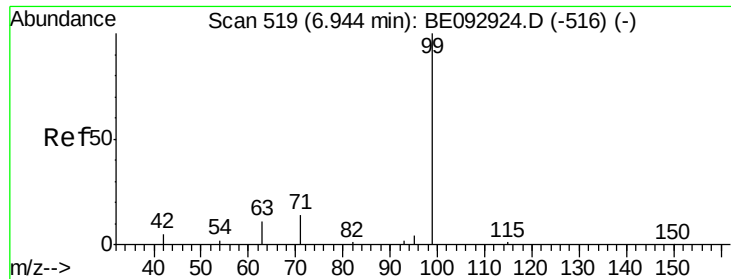
64 72.7 52.6 79.0

63 36.6 29.0 43.4



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: 0.50 ng

RT: 6.94 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

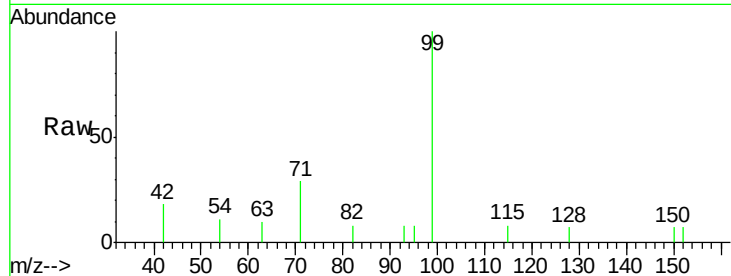
Tgt Ion: 99 Resp: 1117

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

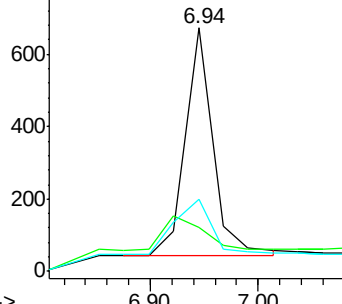
71 32.9 0.0 0.0#



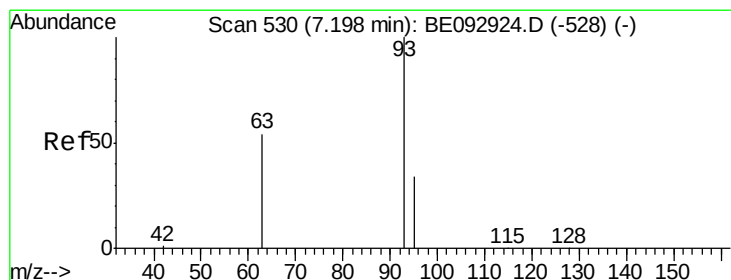
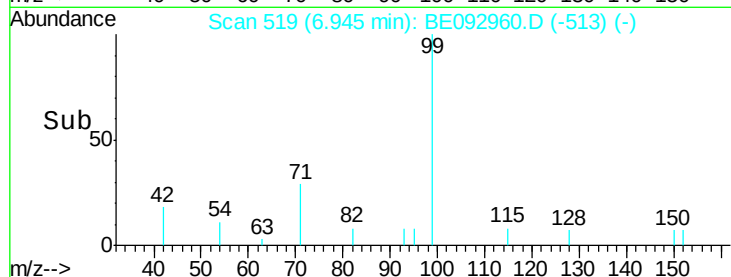
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.44 ng

RT: 7.20 min Scan# 530

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

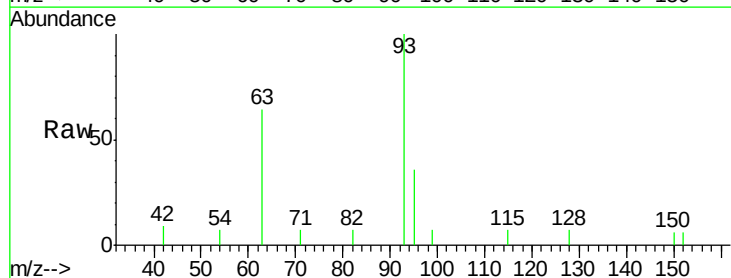
Tgt Ion: 93 Resp: 1143

Ion Ratio Lower Upper

93 100

63 75.7 61.2 91.8

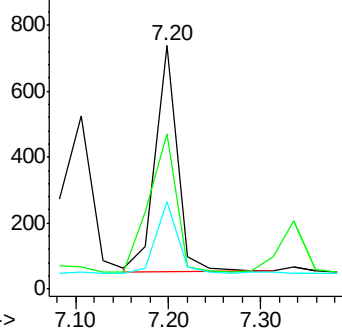
95 31.0 25.5 38.3



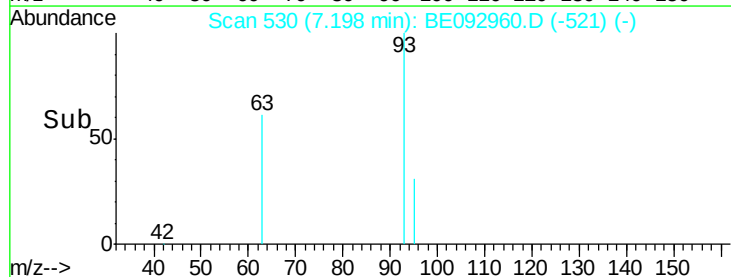
Abundance Ion 93.00 (92.70 to 93.70): BE0

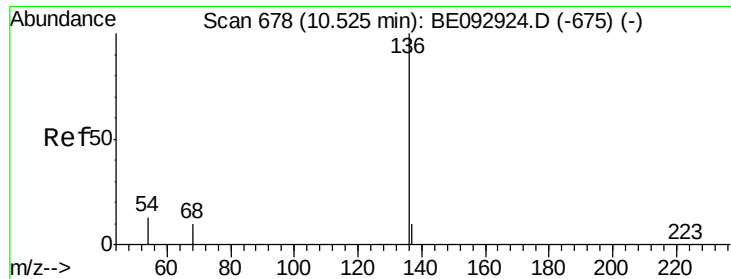
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 3193

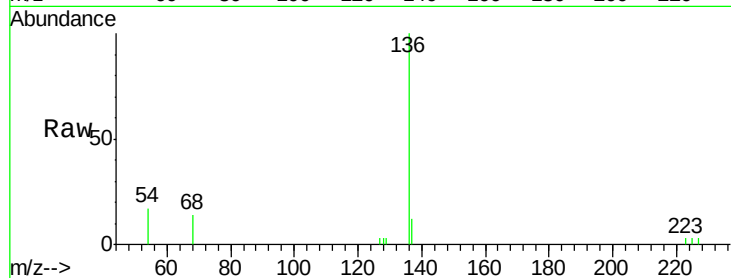
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 16.9 12.6 18.8

68 14.3 10.7 16.1

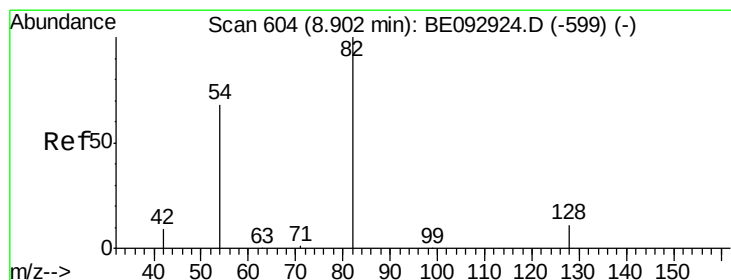
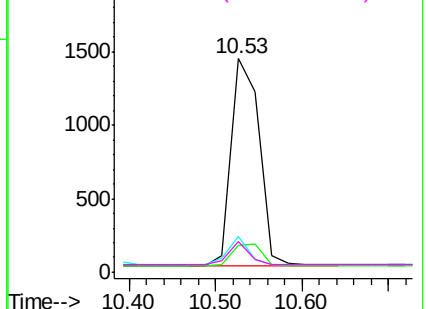
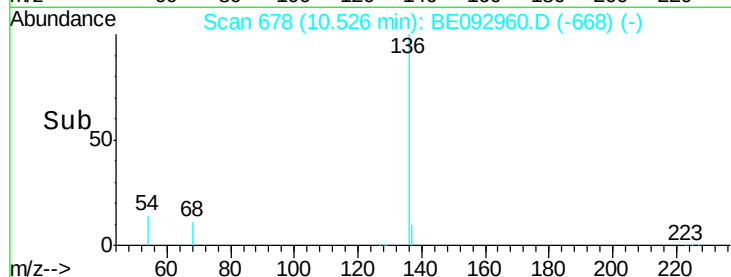


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.45 ng

RT: 8.93 min Scan# 605

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

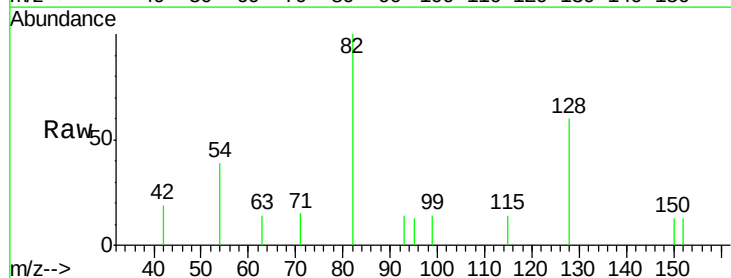
Tgt Ion: 82 Resp: 973

Ion Ratio Lower Upper

82 100

128 59.8 35.3 52.9#

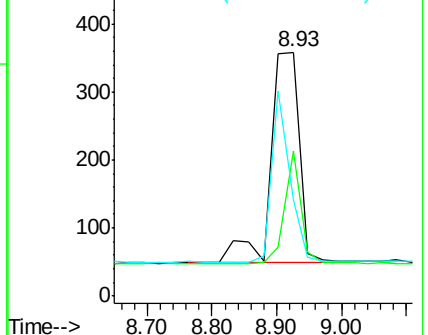
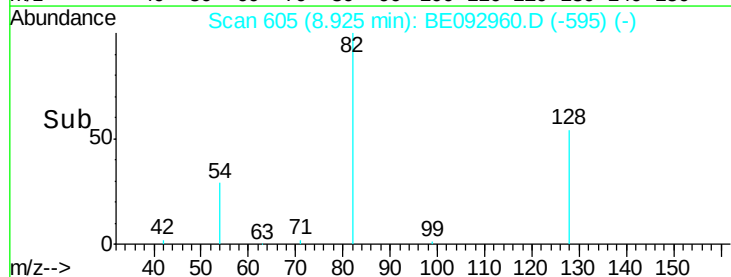
54 39.4 65.1 97.7#

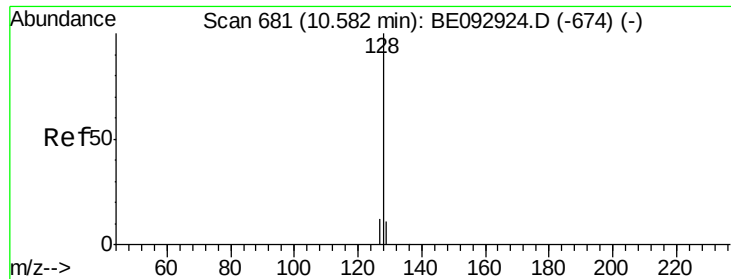


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

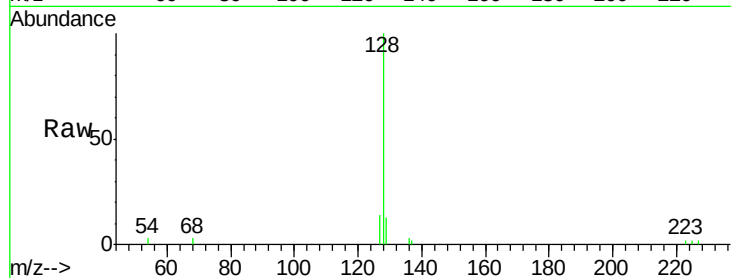
Tgt Ion:128 Resp: 3361

Ion Ratio Lower Upper

128 100

129 13.1 15.8 23.8#

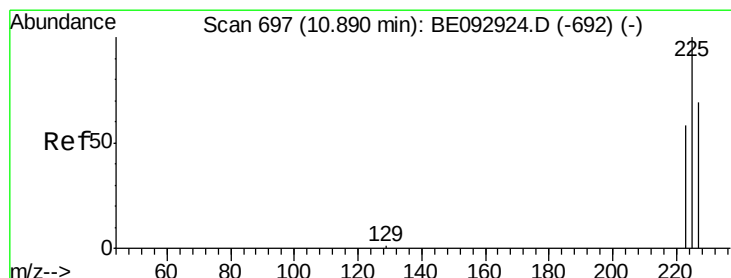
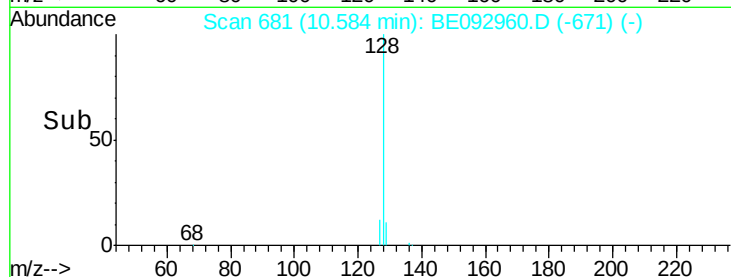
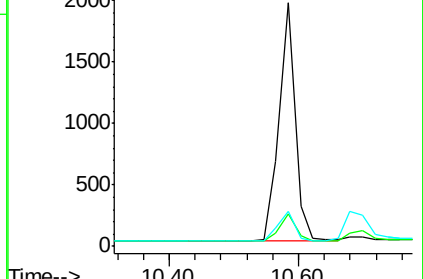
127 14.1 16.0 24.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

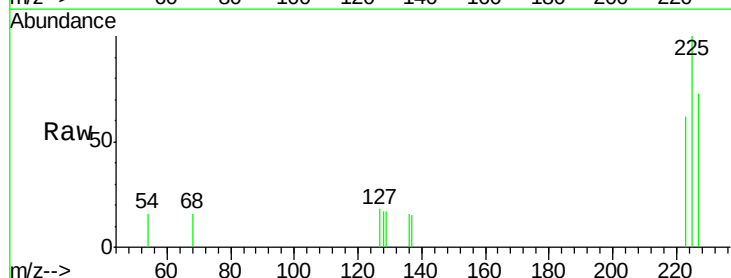
Tgt Ion:225 Resp: 464

Ion Ratio Lower Upper

225 100

223 61.6 55.4 83.2

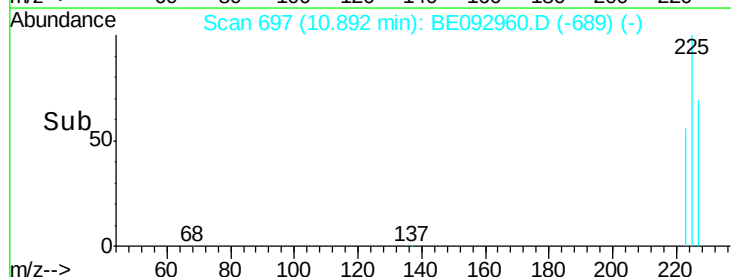
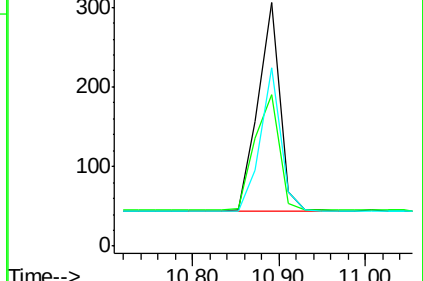
227 63.6 52.2 78.4

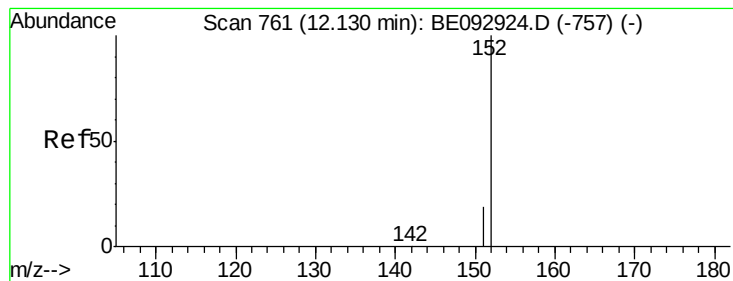


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.38 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

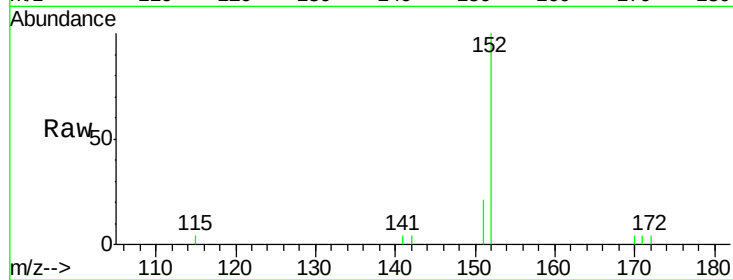
SSTDCCC0.4

Tgt Ion:152 Resp: 1803

Ion Ratio Lower Upper

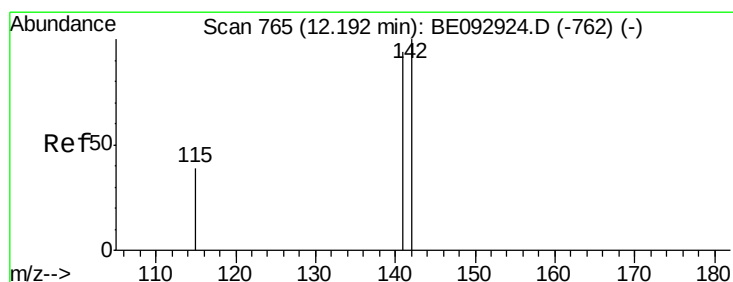
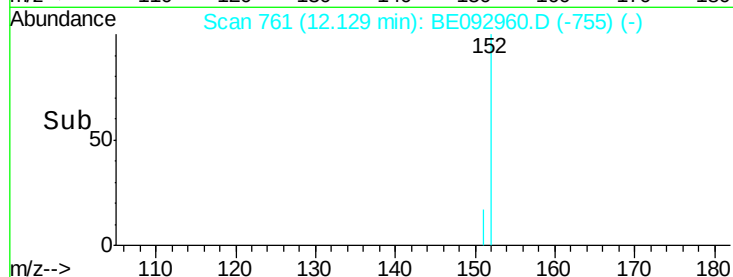
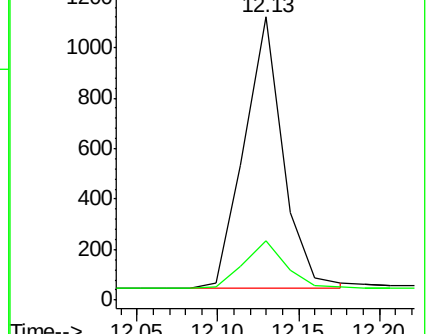
152 100

151 19.0 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

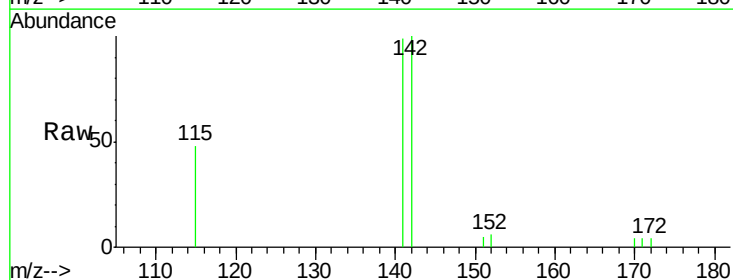
Tgt Ion:142 Resp: 2049

Ion Ratio Lower Upper

142 100

141 99.1 76.0 114.0

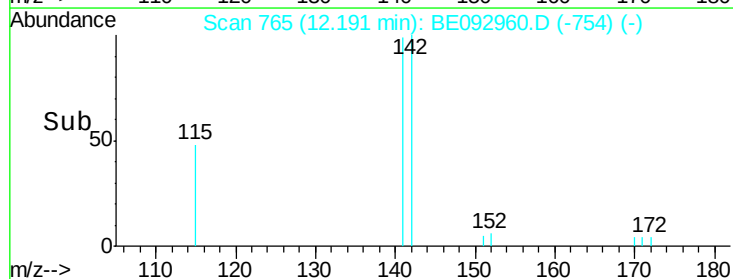
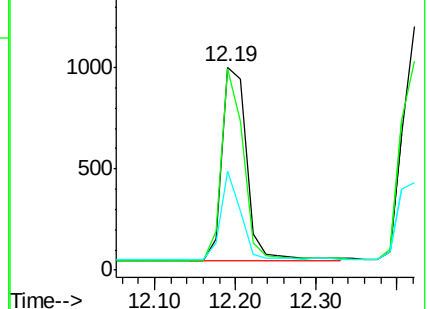
115 48.5 41.6 62.4

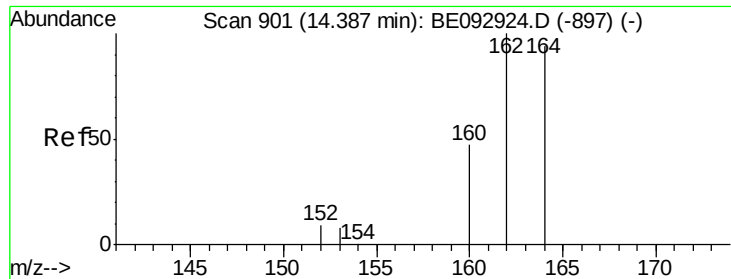


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

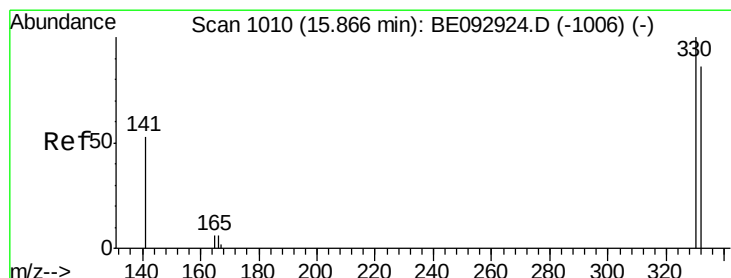
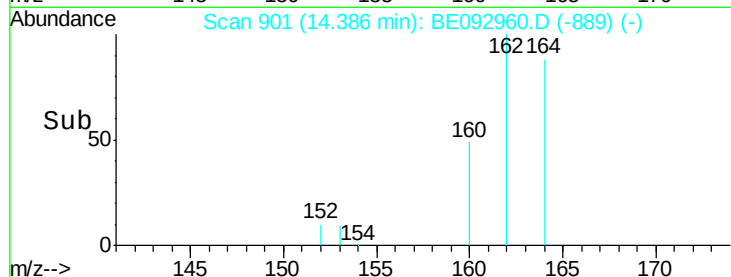
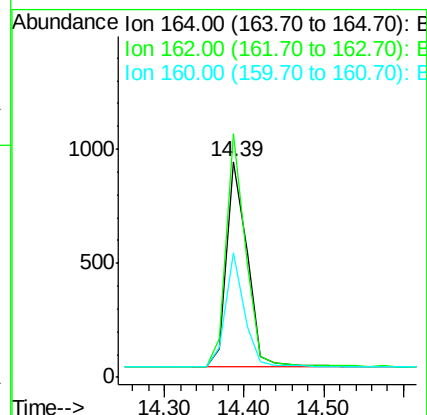
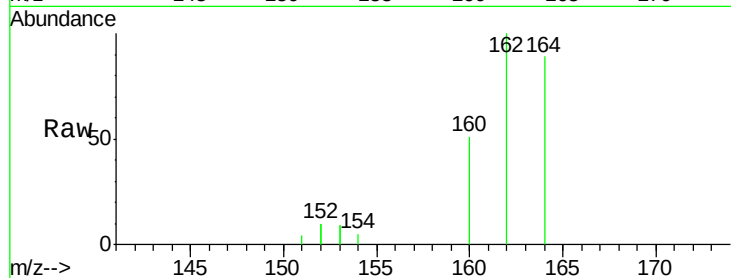




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

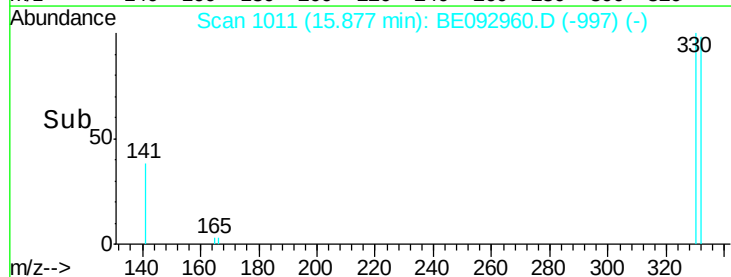
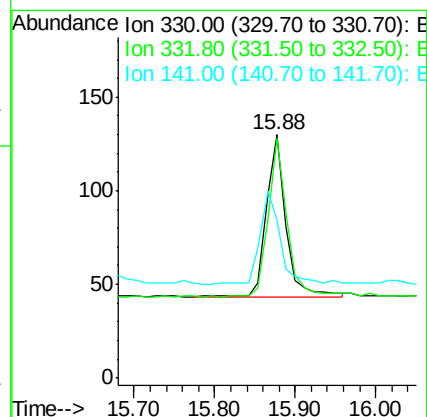
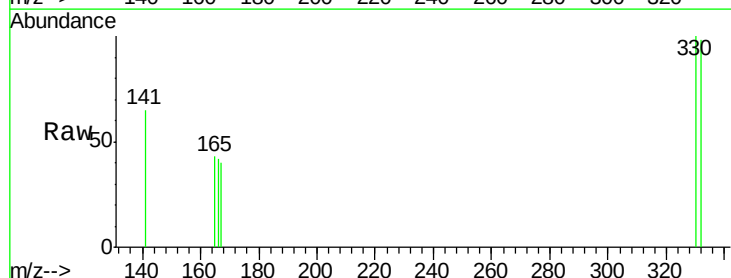
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

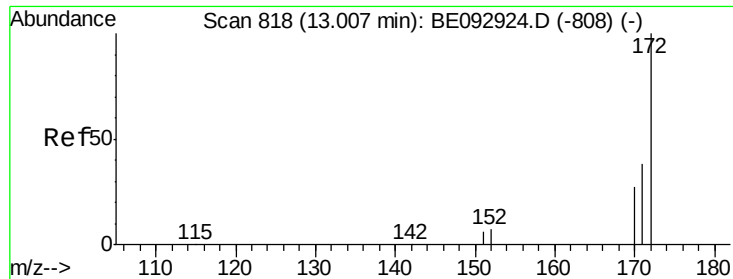
Tgt Ion:164 Resp: 1604
Ion Ratio Lower Upper
164 100
162 112.9 86.6 130.0
160 57.7 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 95.4 69.1 103.7
141 58.9 54.6 81.8

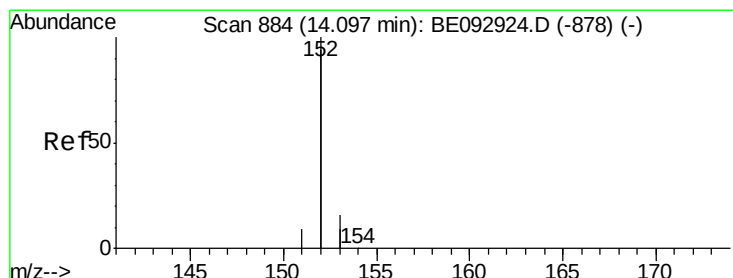
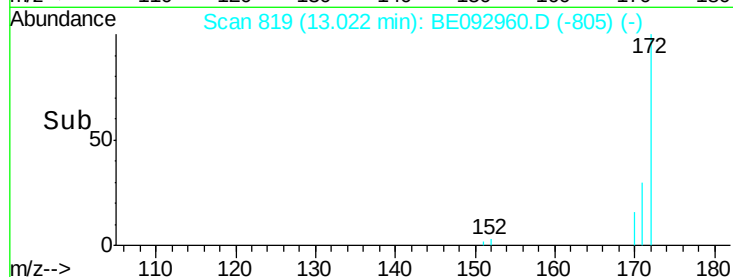
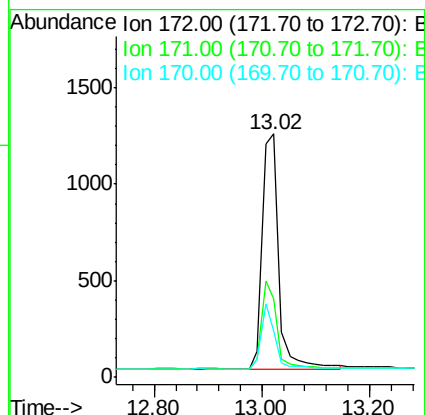
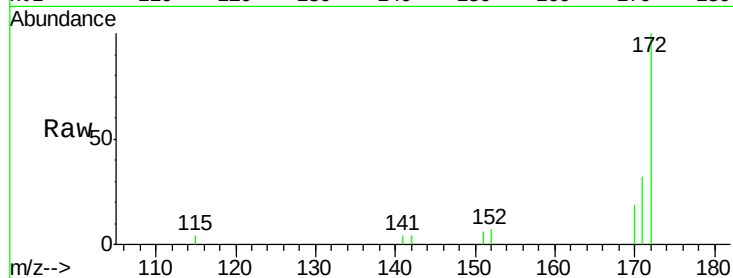




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

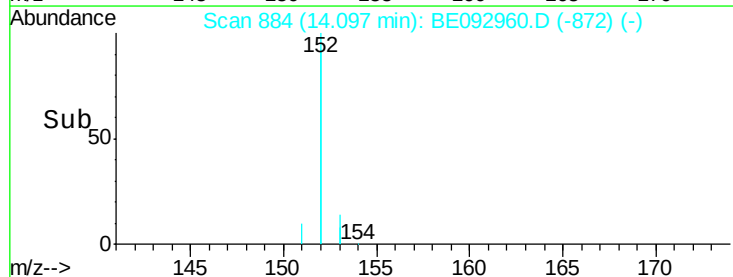
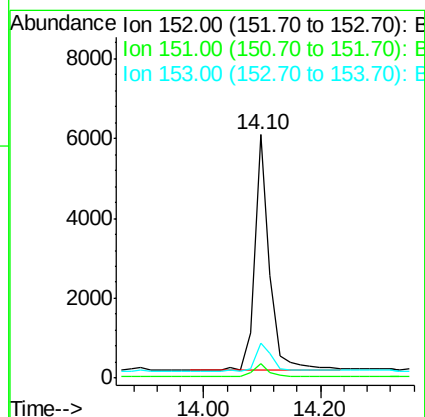
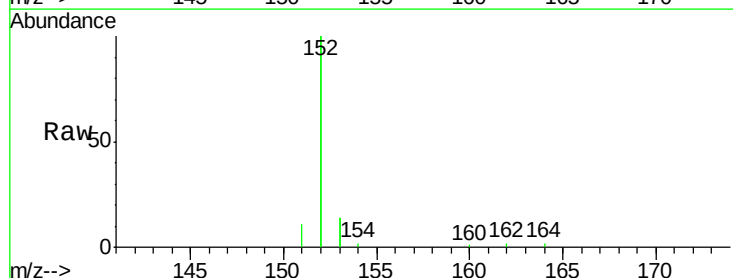
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

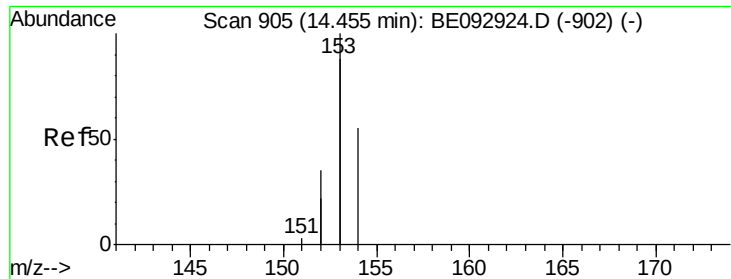
Tgt Ion:172 Resp: 2652
Ion Ratio Lower Upper
172 100
171 32.1 35.8 53.6#
170 19.3 28.5 42.7#



#16
Acenaphthylene
Concen: 0.42 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:152 Resp: 10582
Ion Ratio Lower Upper
152 100
151 5.0 3.8 5.8
153 13.4 10.0 15.0

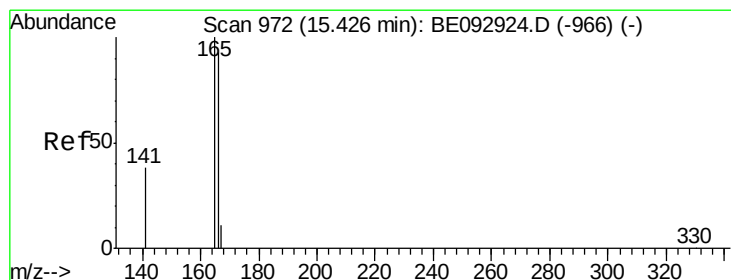
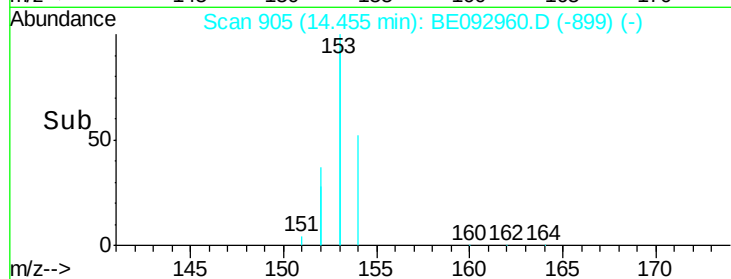
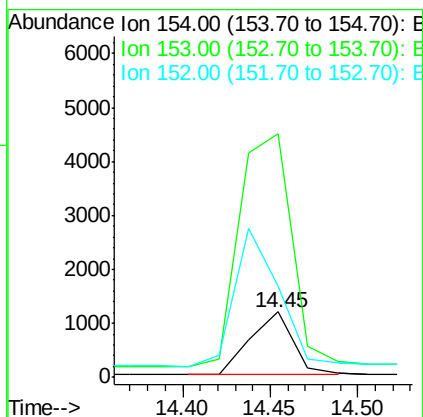
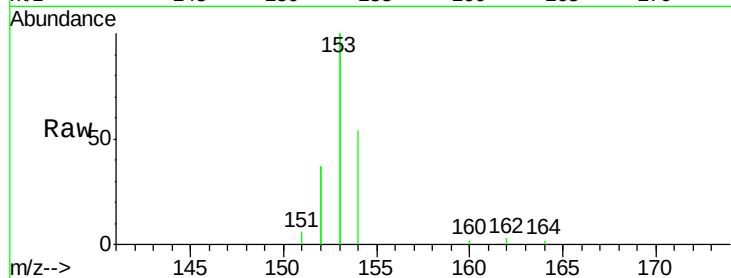




#17
Acenaphthene
Concen: 0.40 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

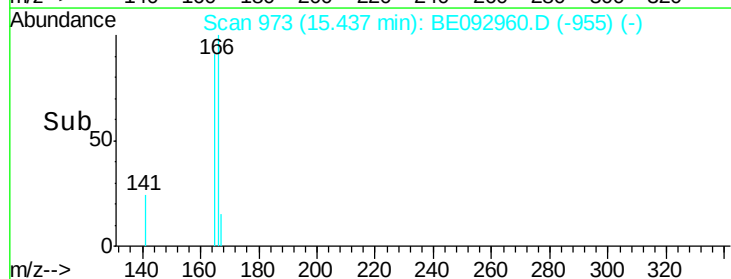
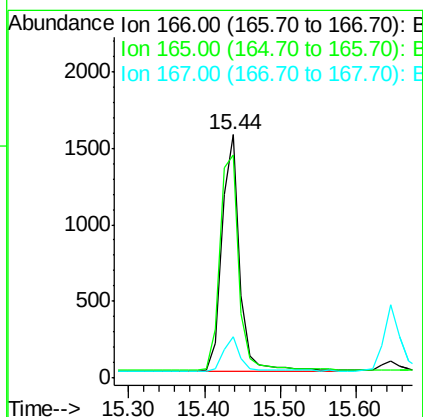
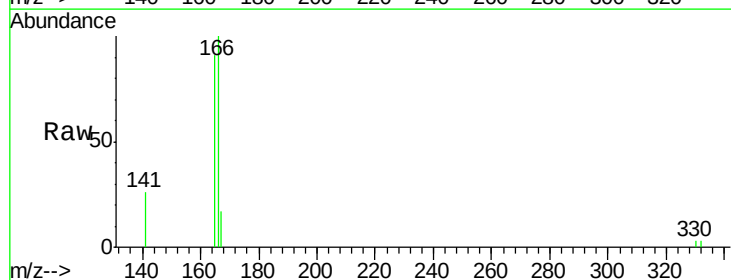
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

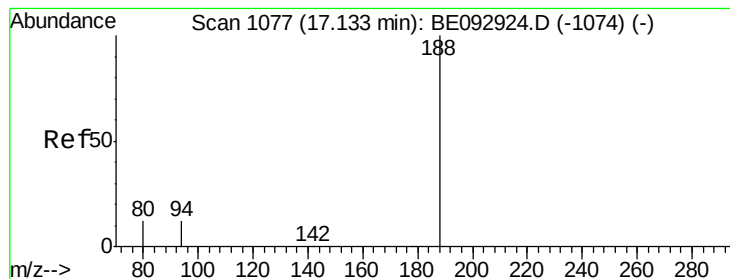
Tgt Ion:154 Resp: 2014
Ion Ratio Lower Upper
154 100
153 455.6 355.6 533.4
152 225.3 177.8 266.8



#18
Fluorene
Concen: 0.40 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:166 Resp: 2525
Ion Ratio Lower Upper
166 100
165 99.9 80.7 121.1
167 14.7 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

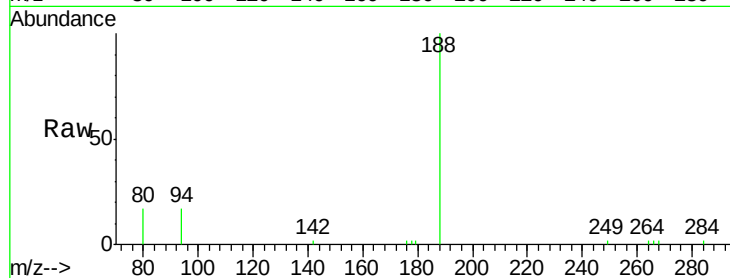
Tgt Ion:188 Resp: 4017

Ion Ratio Lower Upper

188 100

94 16.5 10.2 15.4#

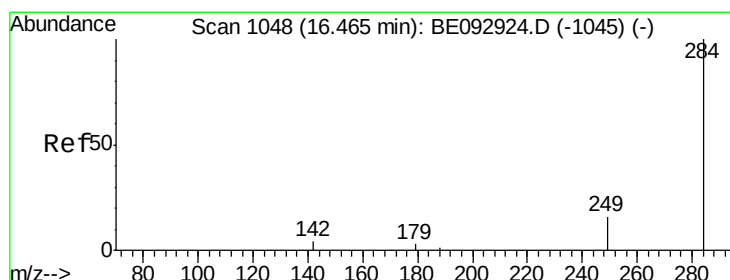
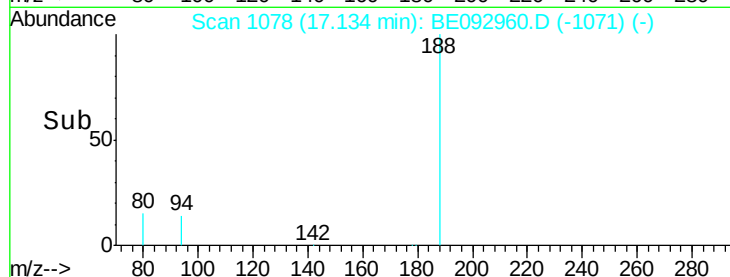
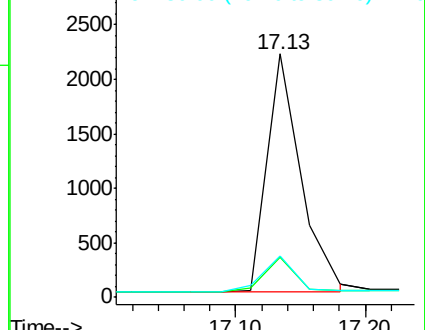
80 17.2 10.6 15.8#



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



#20

Hexachlorobenzene

Concen: 0.44 ng

RT: 16.47 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

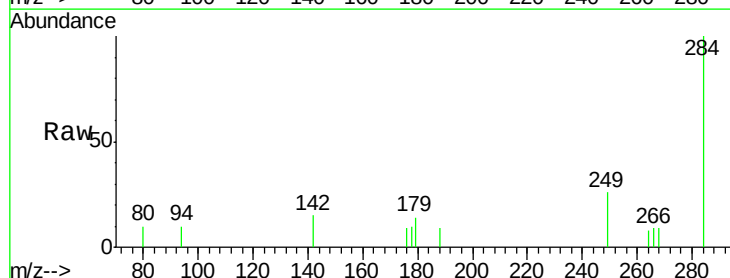
Tgt Ion:284 Resp: 751

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

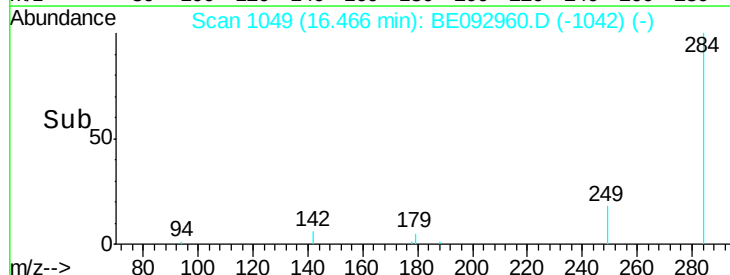
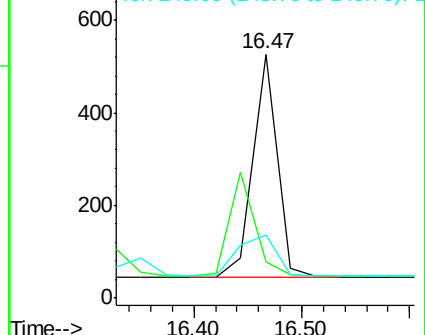
249 28.8 0.0 0.0#

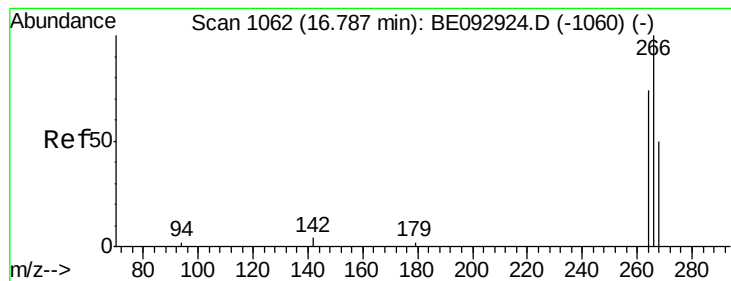


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.56 ng

RT: 16.81 min Scan# 1064

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

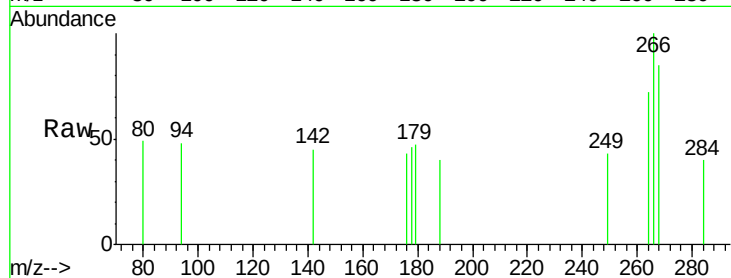
Tgt Ion:266 Resp: 176

Ion Ratio Lower Upper

266 100

264 72.3 75.4 113.2#

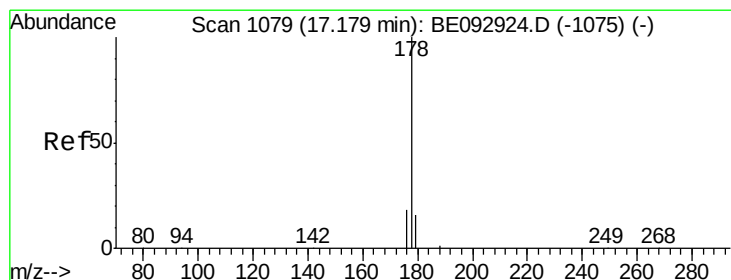
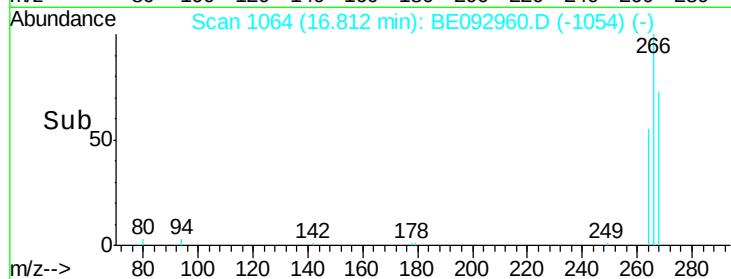
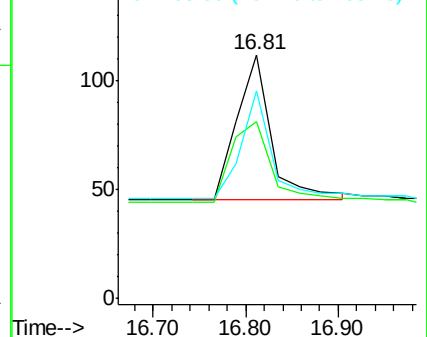
268 84.8 75.4 113.2



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#22

Phenanthrene

Concen: 0.42 ng

RT: 17.18 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

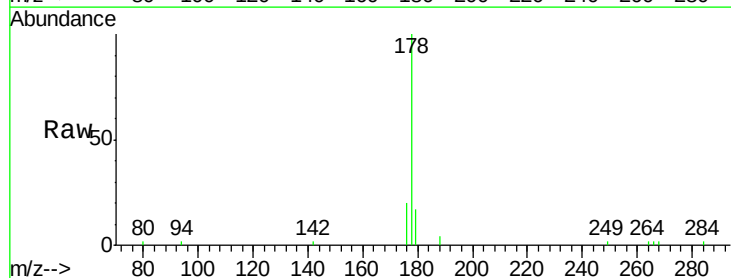
Tgt Ion:178 Resp: 4799

Ion Ratio Lower Upper

178 100

176 19.4 14.2 21.4

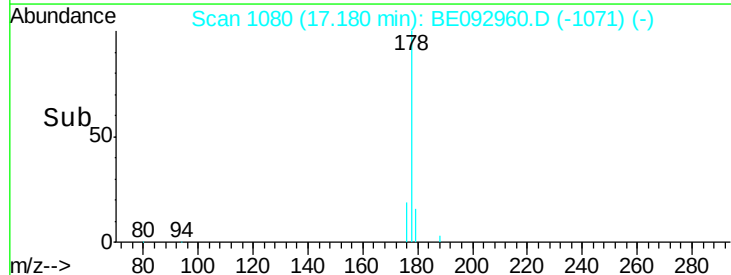
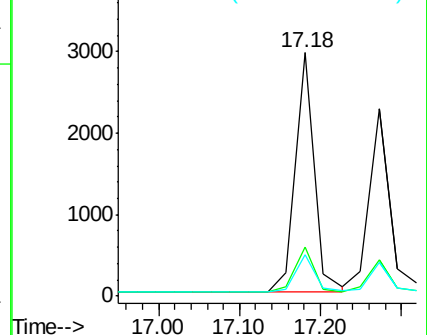
179 15.5 13.6 20.4

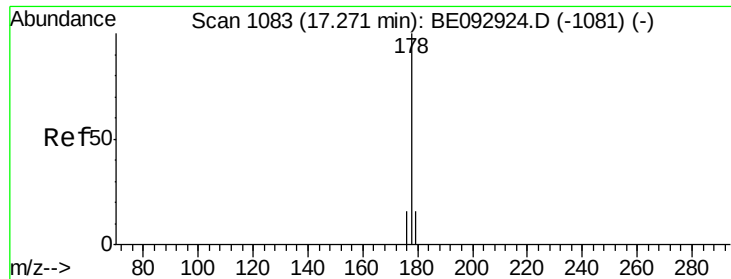


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.46 ng

RT: 17.27 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

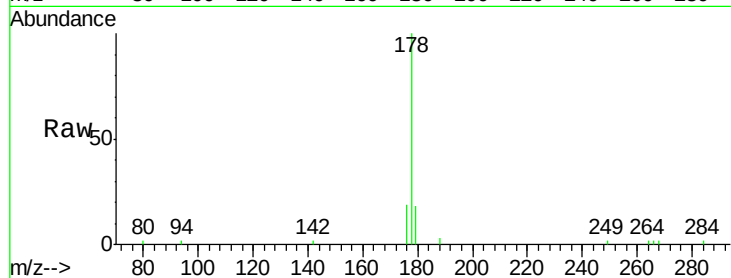
Tgt Ion:178 Resp: 3970

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

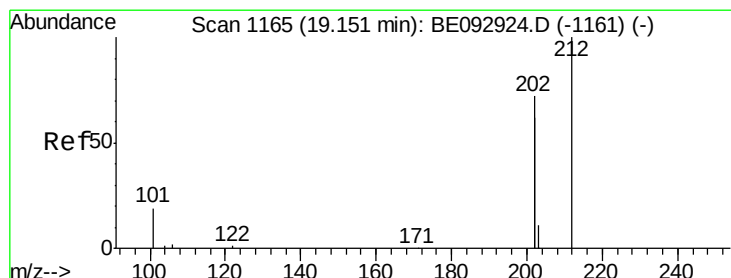
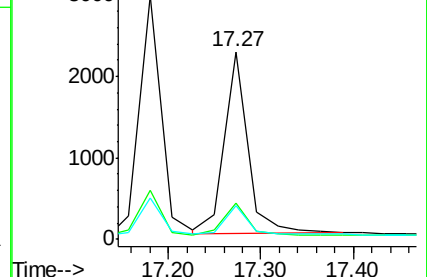
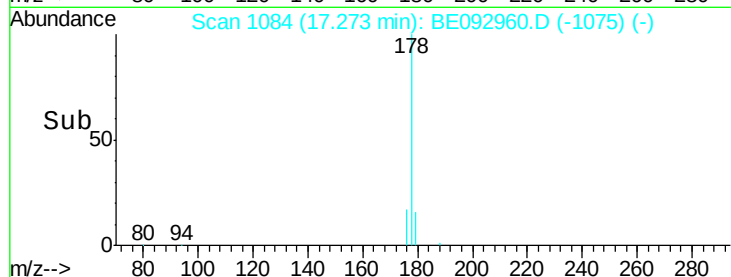
179 15.5 12.8 19.2



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



#24

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

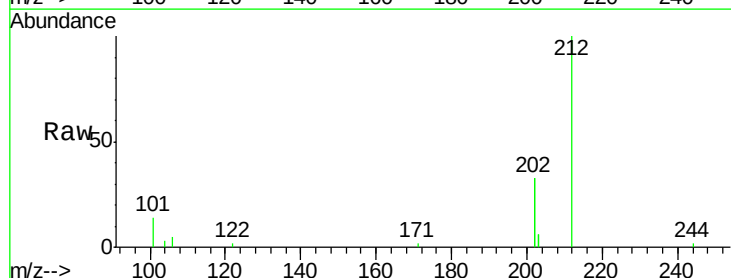
Tgt Ion:212 Resp: 4363

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

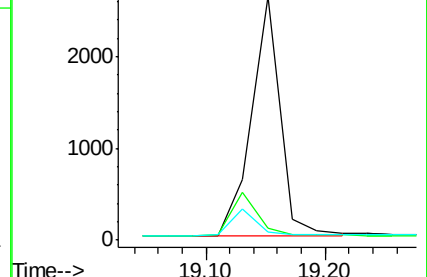
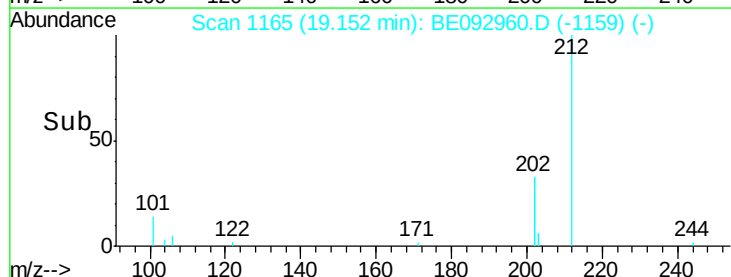
104 0.0 0.0 0.0

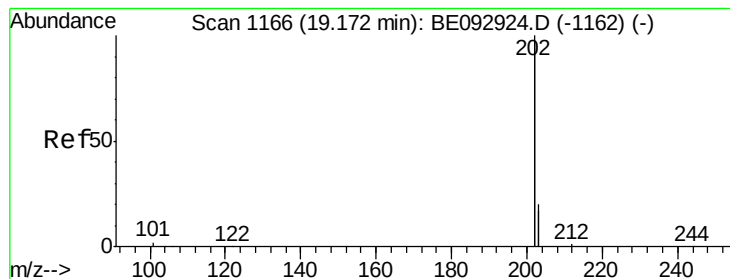


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.45 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

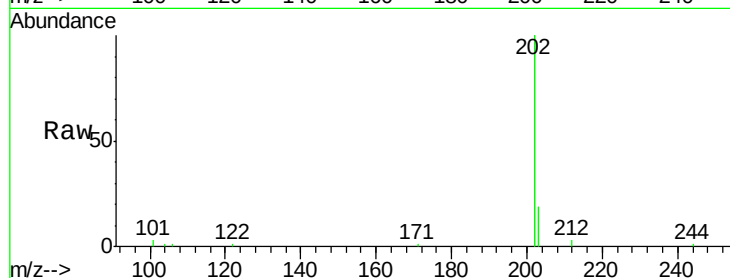
Tgt Ion:202 Resp: 21755

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

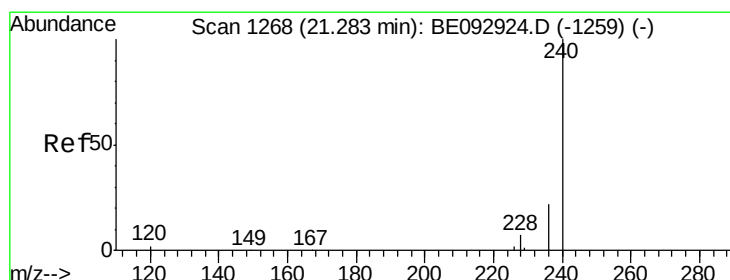
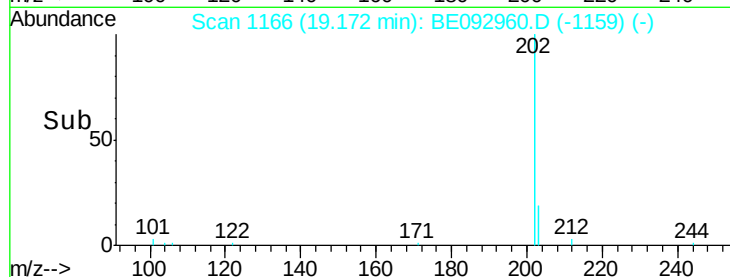
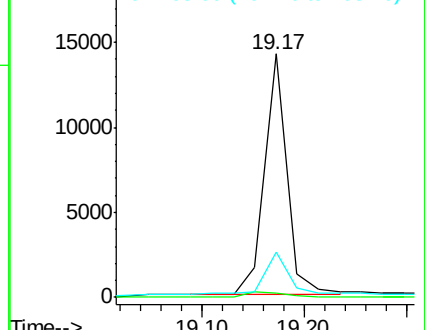
203 17.6 15.3 22.9



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



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

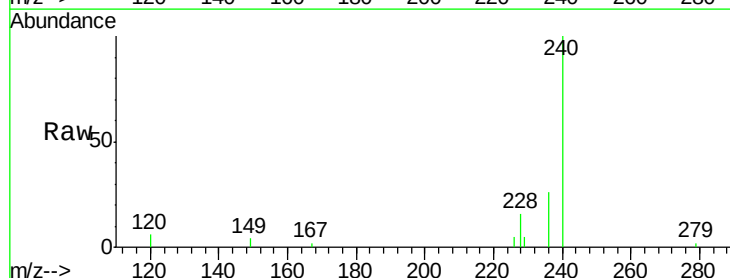
Tgt Ion:240 Resp: 4666

Ion Ratio Lower Upper

240 100

120 6.4 4.6 6.8

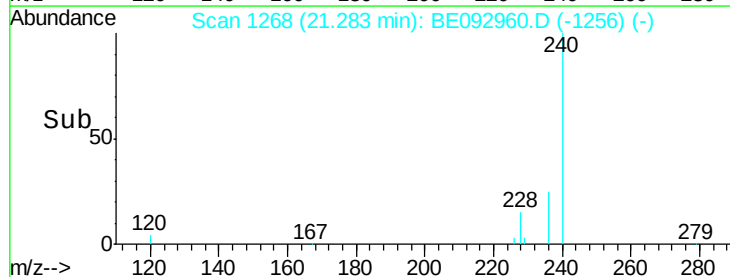
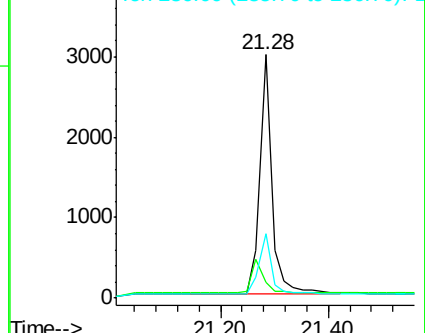
236 26.5 19.8 29.8

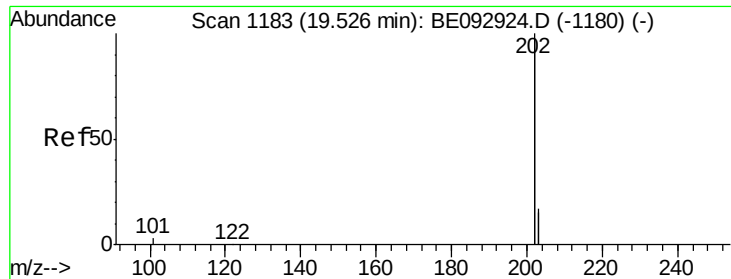


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

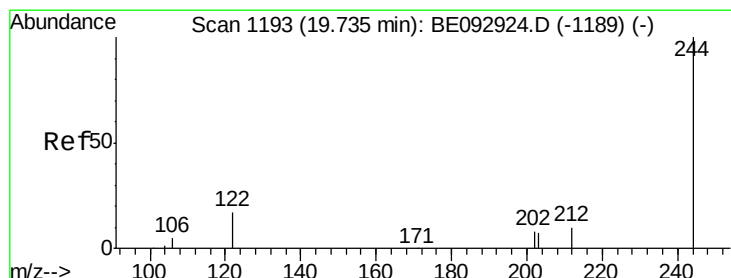
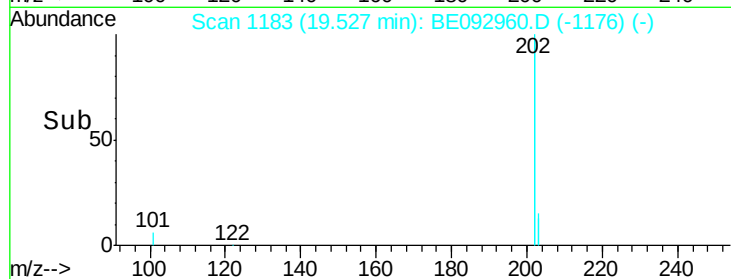
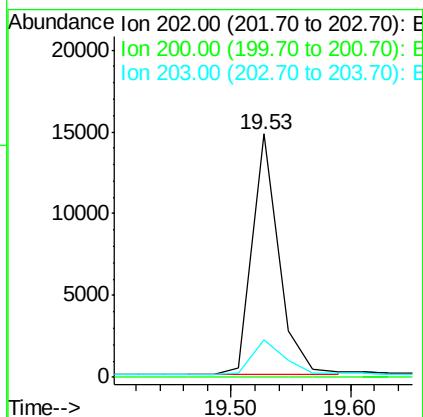
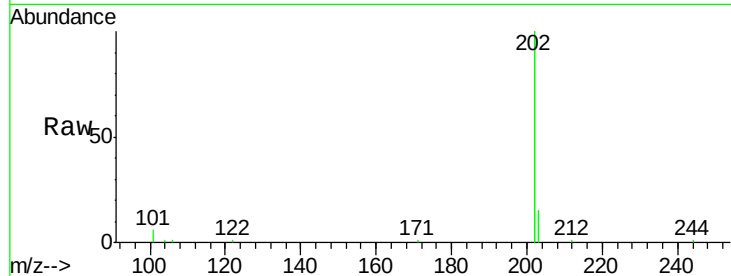




#27
 Pyrene
 Concen: 0.38 ng
 RT: 19.53 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BE092960.D
 Acq: 9 May 2017 11:59

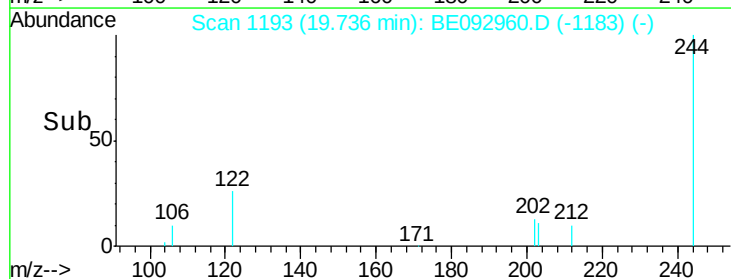
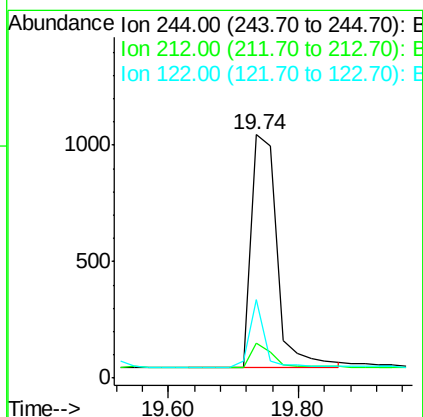
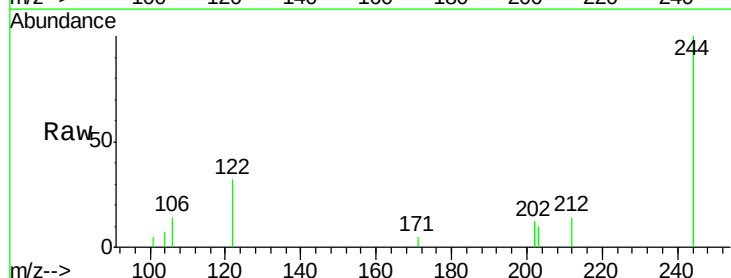
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

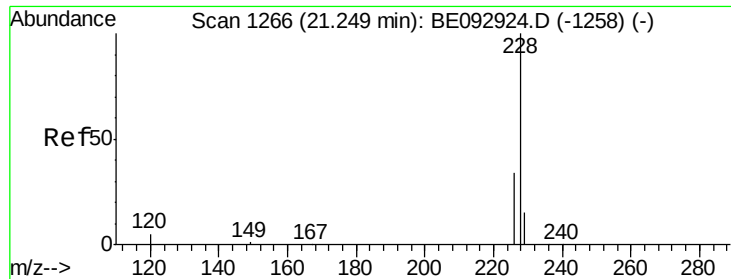
Tgt Ion: 202 Resp: 22795
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 16.8 13.5 20.3



#28
 Terphenyl-d14
 Concen: 0.34 ng
 RT: 19.74 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BE092960.D
 Acq: 9 May 2017 11:59

Tgt Ion: 244 Resp: 2794
 Ion Ratio Lower Upper
 244 100
 212 14.4 18.4 27.6#
 122 32.2 23.3 34.9





#29

Benzo(a)anthracene

Concen: 0.43 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

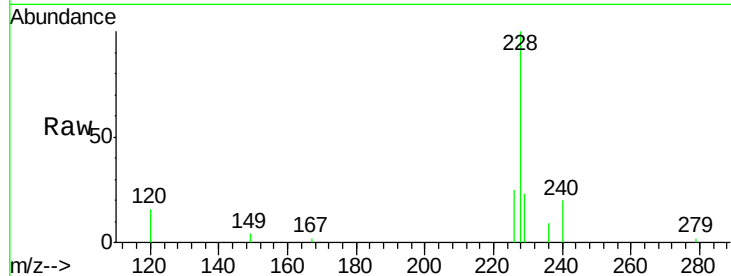
Tgt Ion:228 Resp: 4703

Ion Ratio Lower Upper

228 100

226 25.4 32.0 48.0#

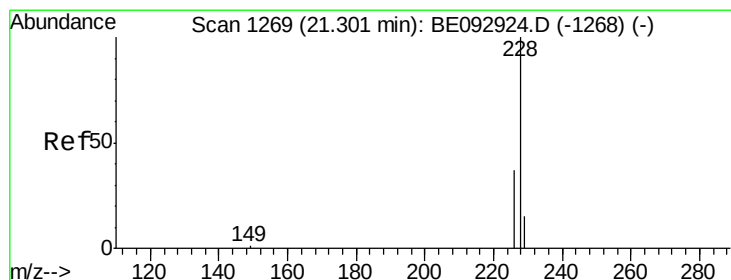
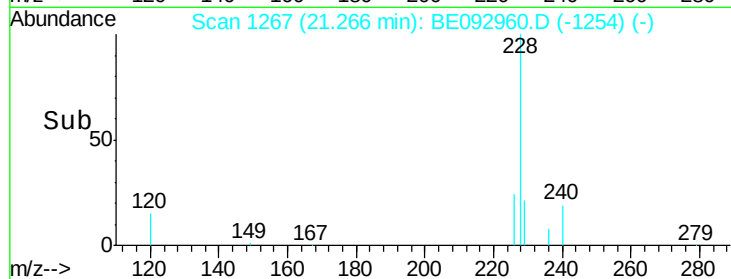
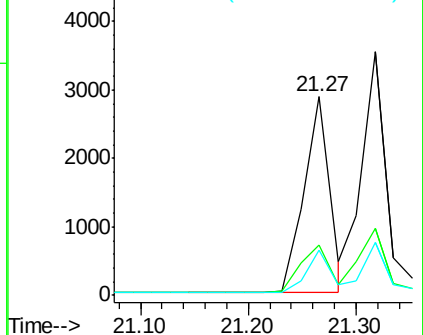
229 22.5 21.4 32.0



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



#30

Chrysene

Concen: 0.40 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

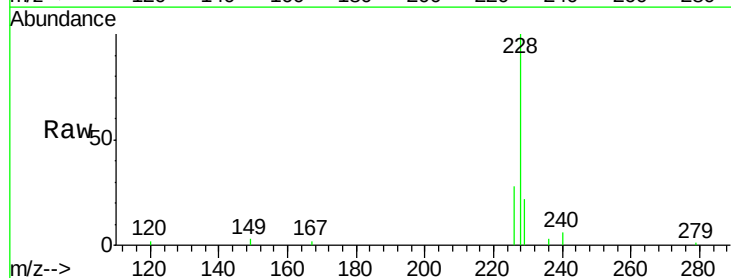
Tgt Ion:228 Resp: 5584

Ion Ratio Lower Upper

228 100

226 27.8 34.2 51.2#

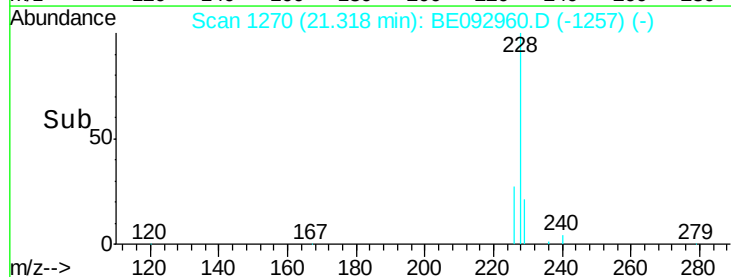
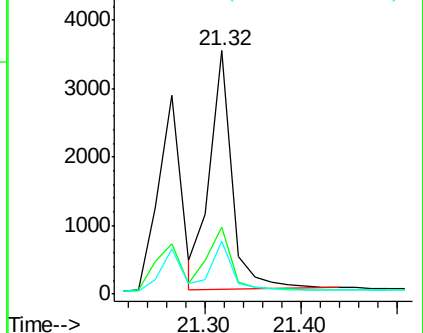
229 22.0 18.6 28.0

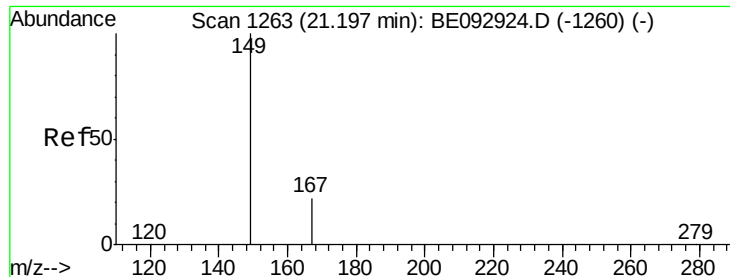


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

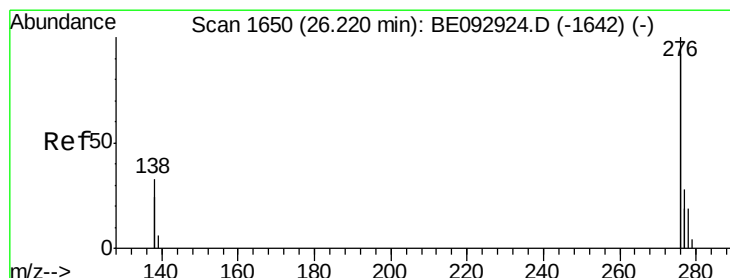
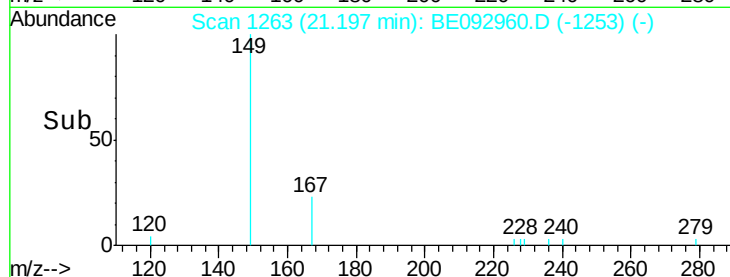
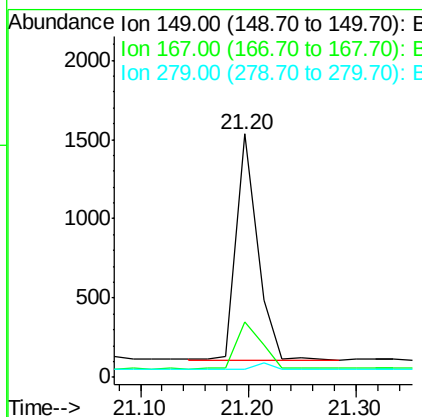
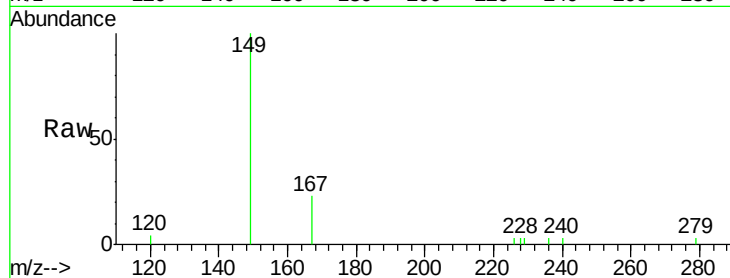




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.65 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092960.D
 Acq: 9 May 2017 11:59

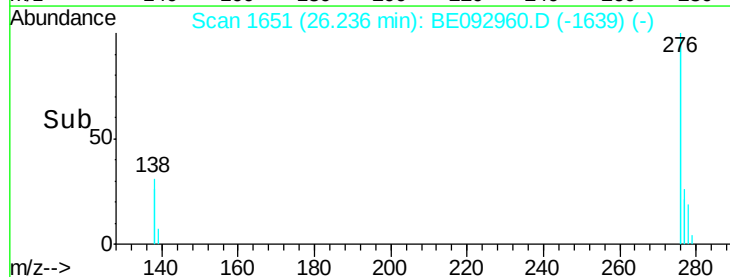
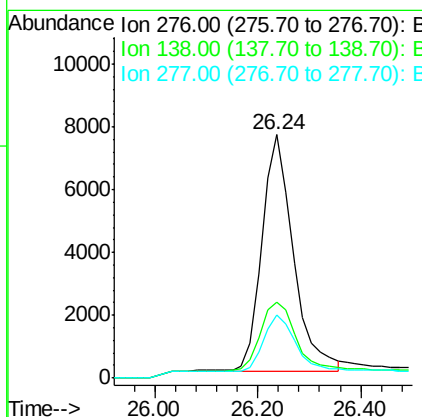
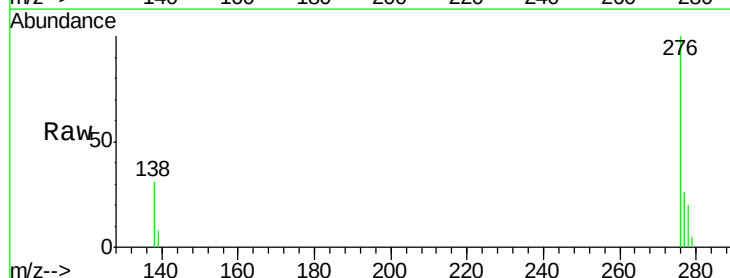
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

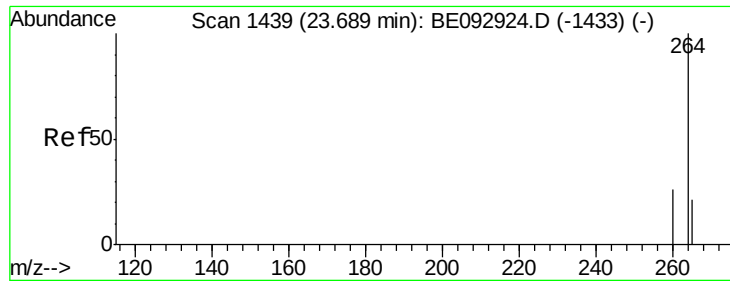
Tgt Ion:149 Resp: 1946
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.9 31.3
 279 2.6 0.0 0.0#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.63 ng
 RT: 26.24 min Scan# 1651
 Delta R.T. 0.02 min
 Lab File: BE092960.D
 Acq: 9 May 2017 11:59

Tgt Ion:276 Resp: 31554
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.8 38.6
 277 24.8 20.2 30.4





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

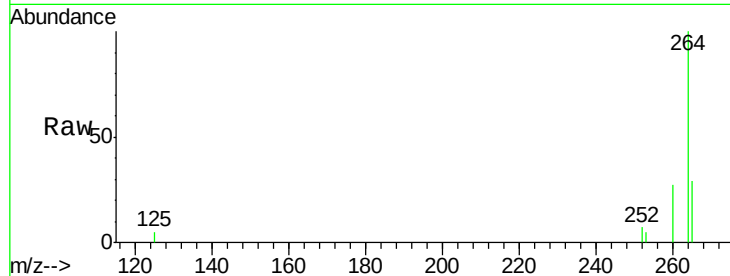
Tgt Ion:264 Resp: 4371

Ion Ratio Lower Upper

264 100

260 27.1 23.5 35.3

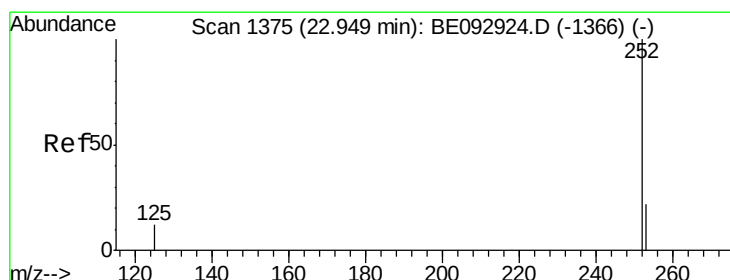
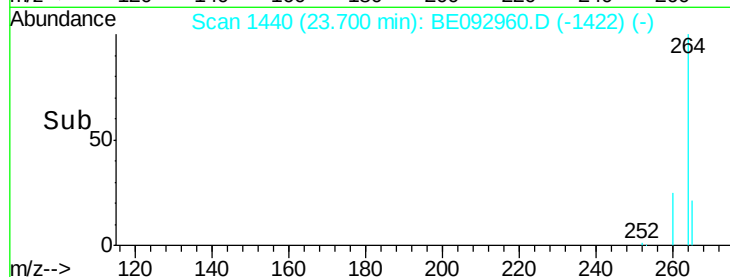
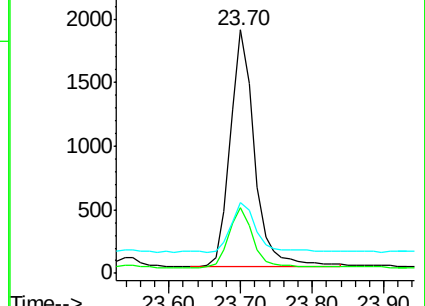
265 29.0 27.2 40.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#34

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 22.96 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

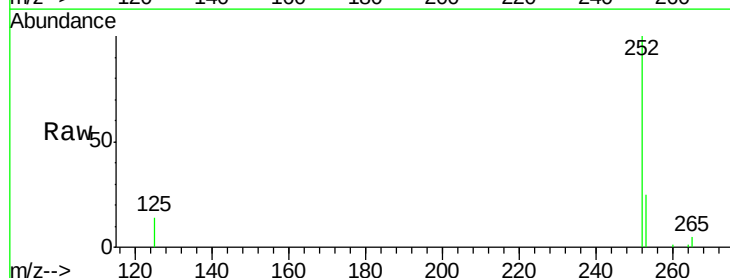
Tgt Ion:252 Resp: 6750

Ion Ratio Lower Upper

252 100

253 24.6 24.7 37.1#

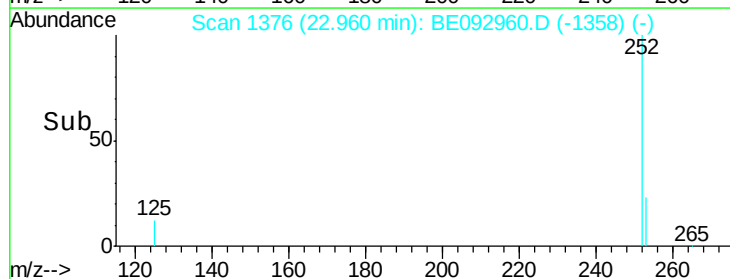
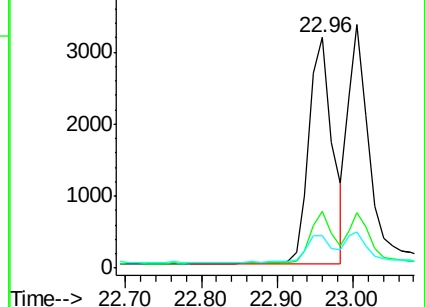
125 14.3 20.3 30.5#

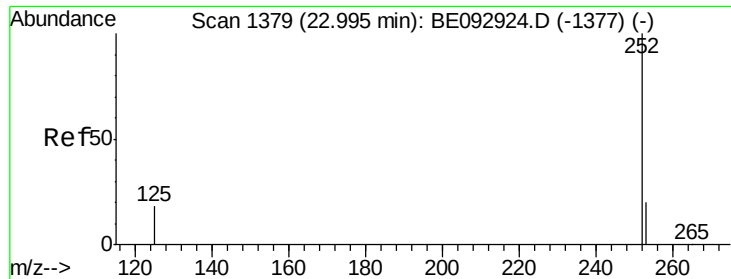


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(k)fluoranthene

Concen: 0.46 ng

RT: 23.01 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

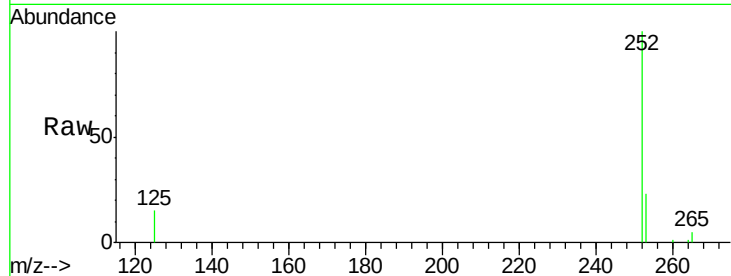
Tgt Ion:252 Resp: 6510

Ion Ratio Lower Upper

252 100

253 22.9 25.8 38.8#

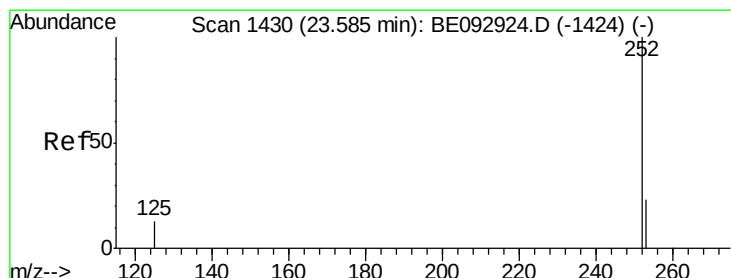
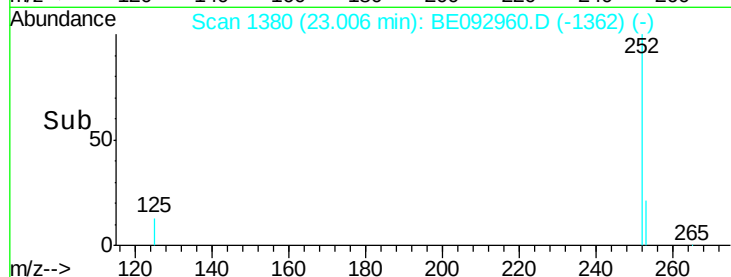
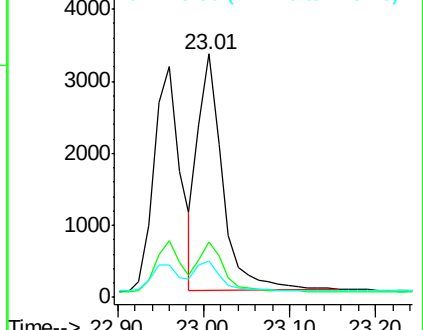
125 14.9 22.9 34.3#



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



#36

Benzo(a)pyrene

Concen: 0.45 ng

RT: 23.58 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

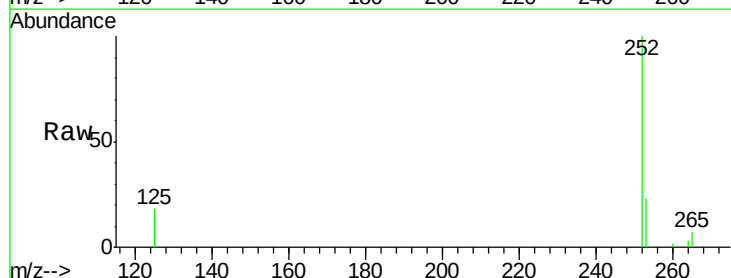
Tgt Ion:252 Resp: 5286

Ion Ratio Lower Upper

252 100

253 23.5 31.3 46.9#

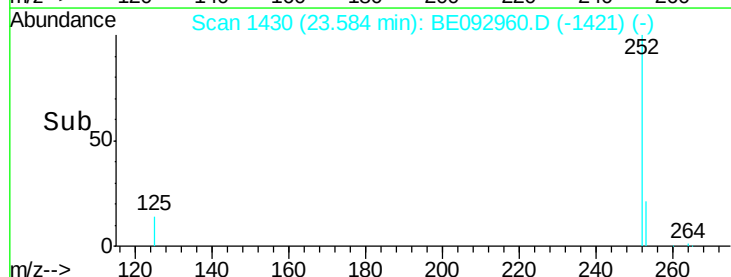
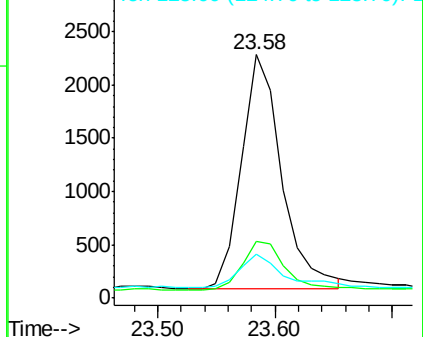
125 18.0 26.4 39.6#

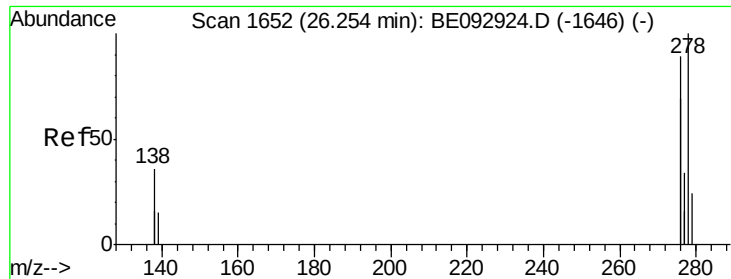


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.49 ng

RT: 26.27 min Scan# 1653

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

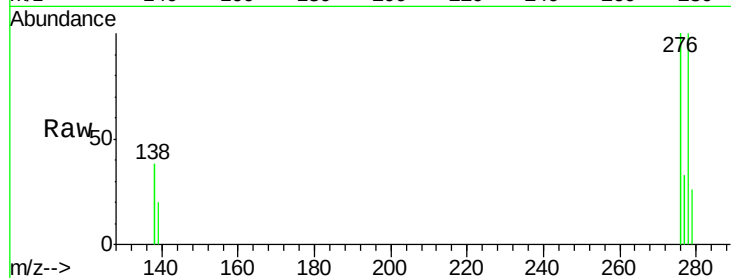
Tgt Ion: 278 Resp: 6506

Ion Ratio Lower Upper

278 100

139 20.4 27.4 41.2#

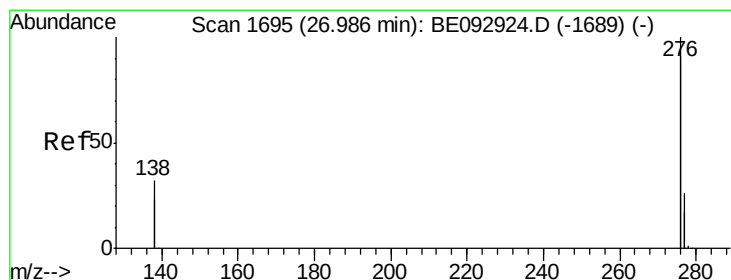
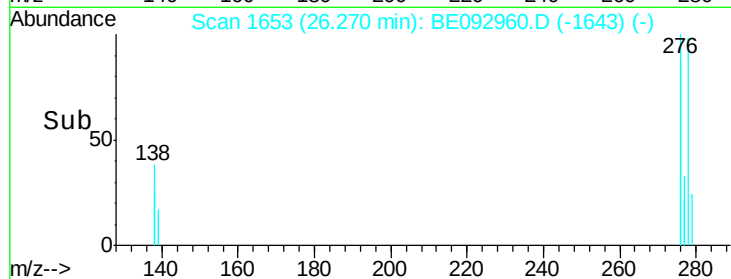
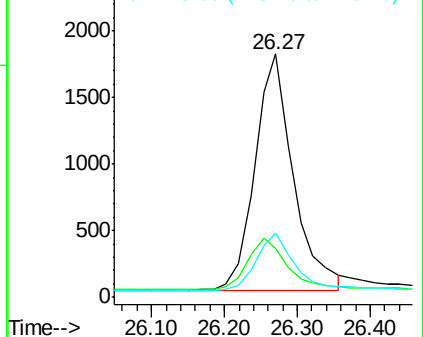
279 26.4 33.3 49.9#



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



#38

Benzo(g,h,i)perylene

Concen: 0.56 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092960.D

Acq: 9 May 2017 11:59

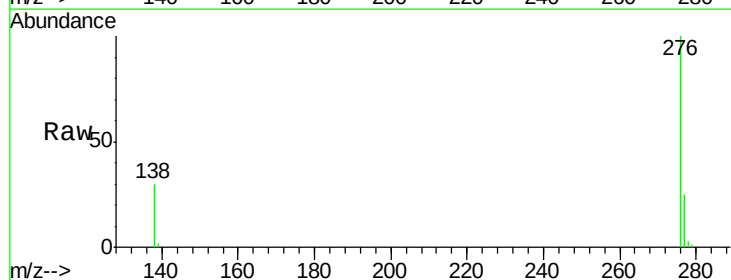
Tgt Ion: 276 Resp: 31166

Ion Ratio Lower Upper

276 100

277 24.8 29.9 44.9#

138 30.1 34.6 51.8#



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

