

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE093005.D
 Acq On : 11 May 2017 20:37
 Operator : SJ/MA
 Sample : I3058-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 12 01:24:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	981	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	4166	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2242	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6199	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5986	0.40	ng	0.00
34) Perylene-d12	23.70	264	5163	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	530	0.20	ng	0.00
5) Phenol-d6	6.92	99	509	0.15	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1122	0.34	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	2077	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.86	330	355	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3936	0.44	ng	0.00
25) Fluoranthene-d10	19.14	212	5802	0.35	ng	-0.01
29) Terphenyl-d14	19.74	244	5702	0.54	ng	0.00

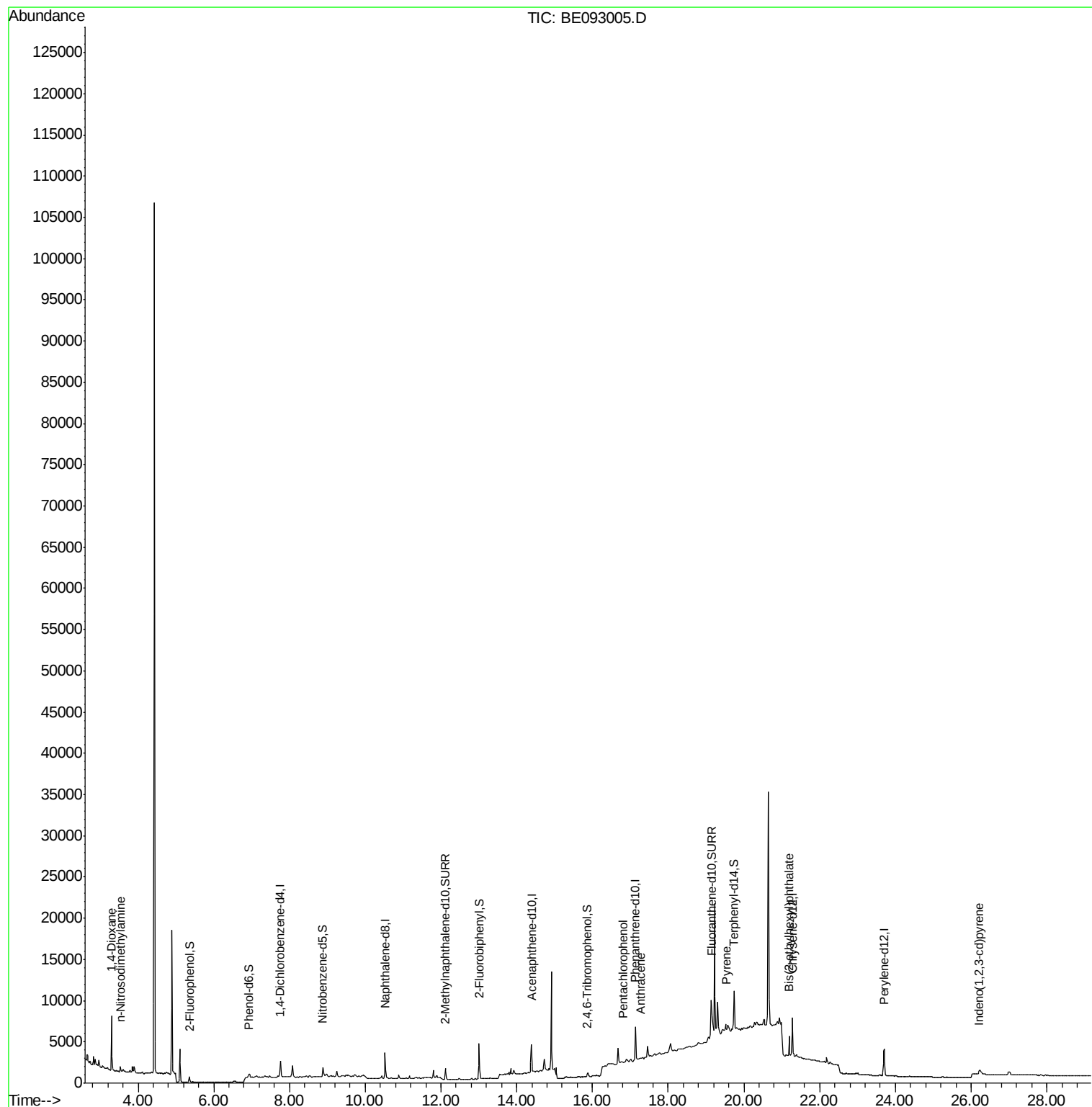
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	4016	2.04	ng	# 89
3) n-Nitrosodimethylamine	3.54	42	189	0.11	ng	# 1
21) Hexachlorobenzene	16.44	284	5	Below Cal		# 100
22) Pentachlorophenol	16.82	266	29	0.11	ng	# 87
24) Anthracene	17.28	178	658	0.05	ng	# 61
28) Pyrene	19.53	202	1725	0.02	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.20	149	2348	0.42	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.22	276	1178	0.02	ng	# 83

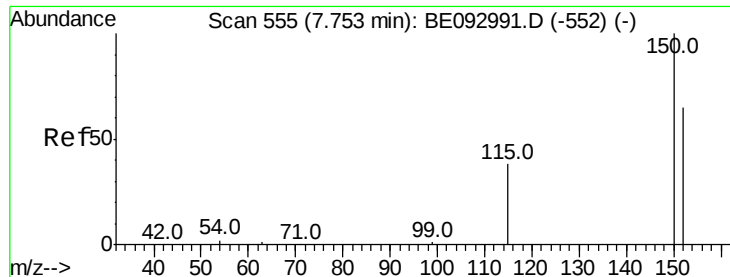
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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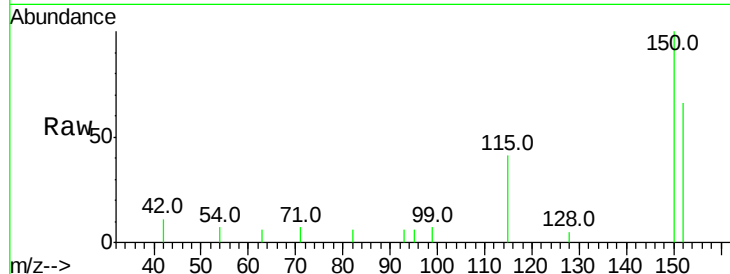


#1

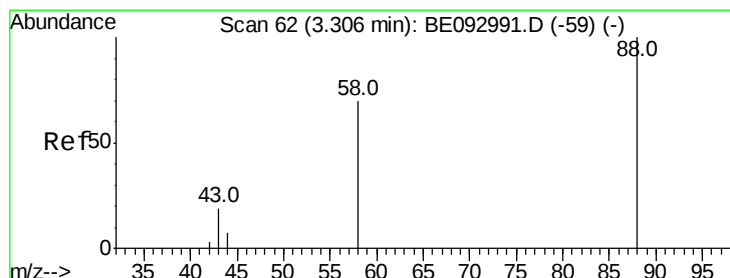
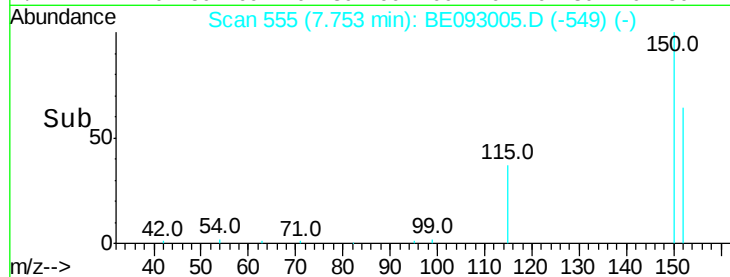
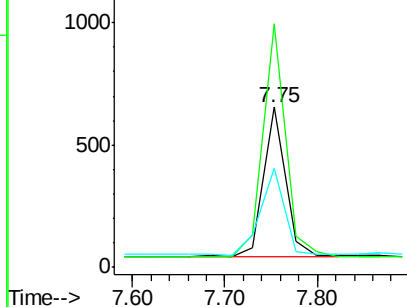
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 981
Ion Ratio Lower Upper
152 100
150 152.1 125.1 187.7
115 61.8 55.7 83.5



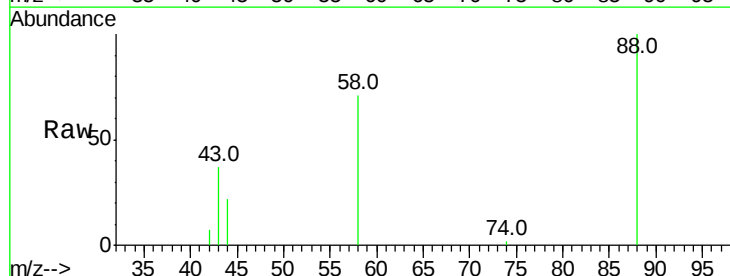
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



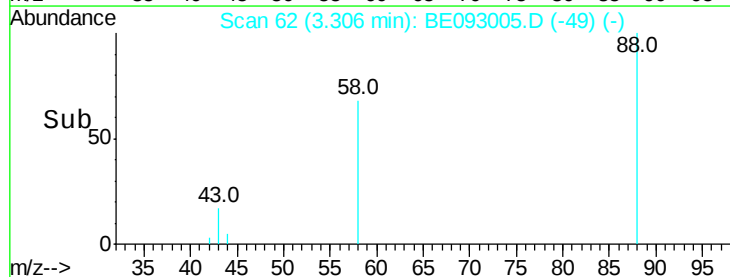
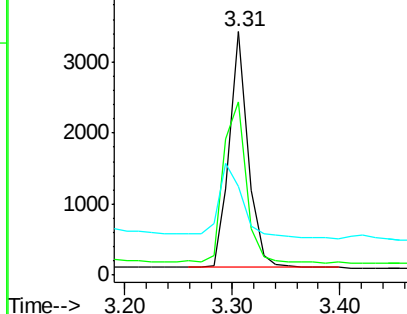
#2

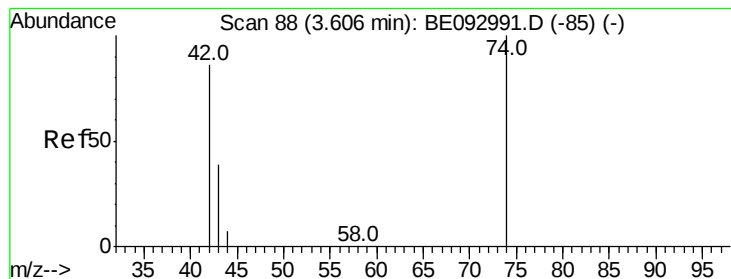
1,4-Dioxane
Concen: 2.04 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

Tgt Ion: 88 Resp: 4016
Ion Ratio Lower Upper
88 100
58 82.3 62.2 93.4
43 43.2 23.2 34.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.11 ng

RT: 3.54 min Scan# 82

Delta R.T. -0.07 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampleId :

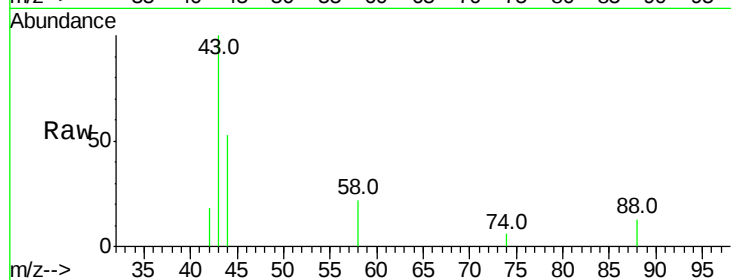
Tot Ion: 42 Resp: 189

Ion Ratio Lower Upper

42 100

74 2.1 99.1 148.7#

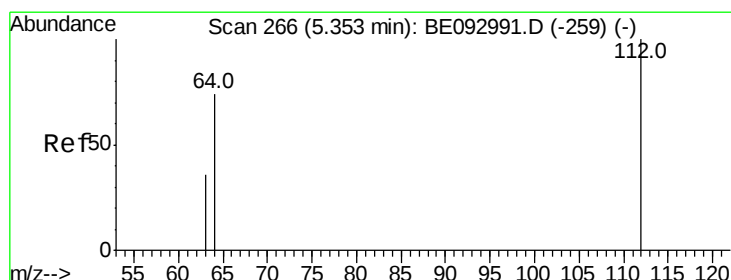
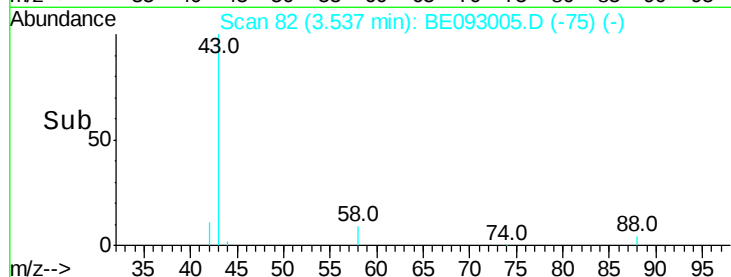
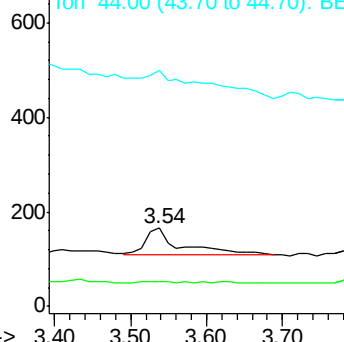
44 0.0 7.4 11.2#



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: 0.20 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

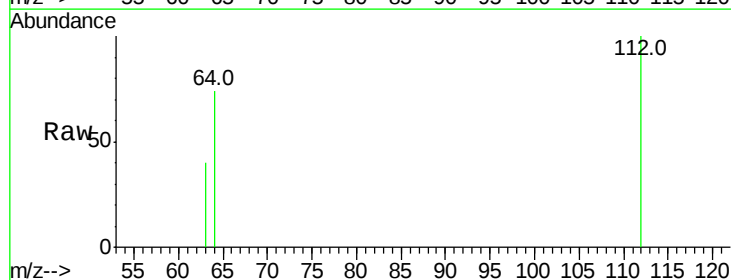
Tgt Ion: 112 Resp: 530

Ion Ratio Lower Upper

112 100

64 69.1 56.4 84.6

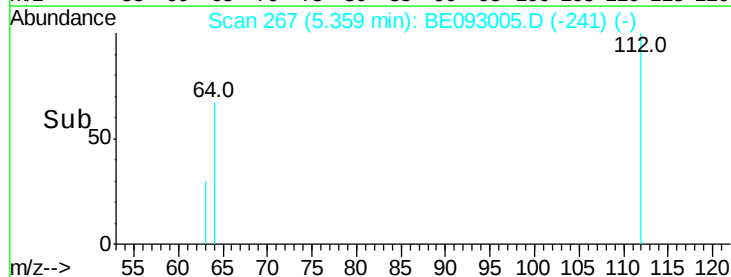
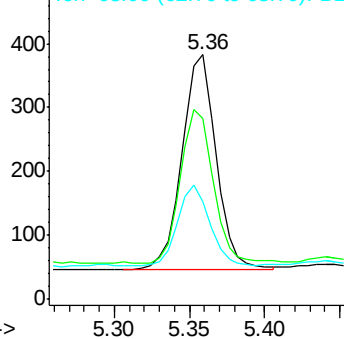
63 35.5 29.3 43.9

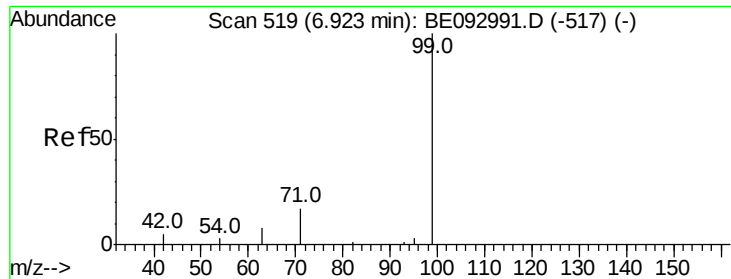


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.15 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampleId :

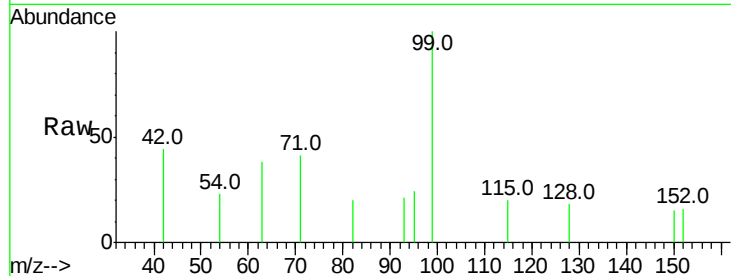
Tot Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

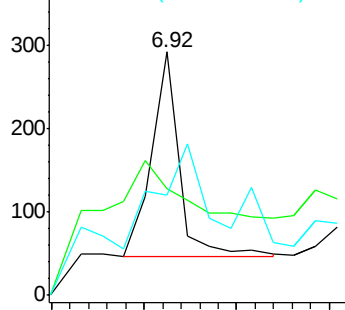
71 0.0 0.0 0.0



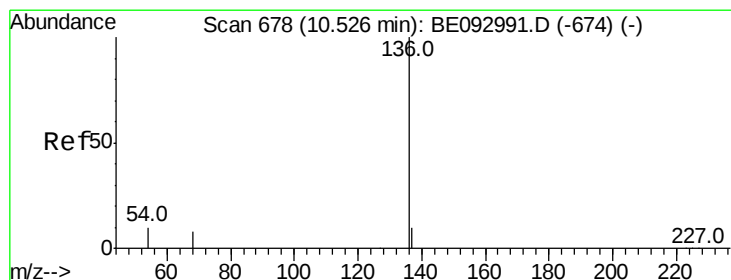
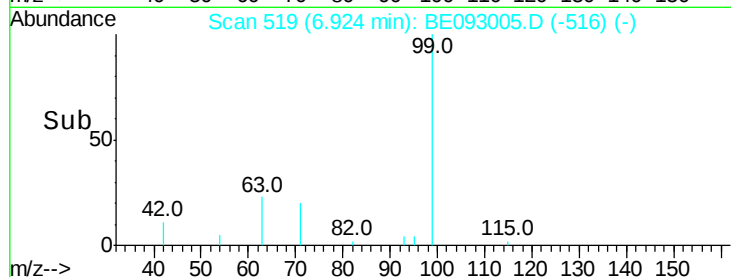
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Tgt Ion: 136 Resp: 4166

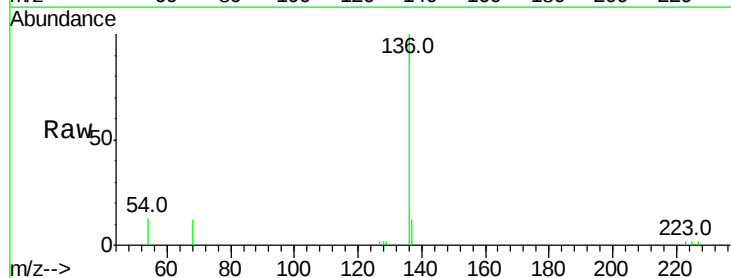
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 12.5 10.3 15.5

68 11.9 9.0 13.4

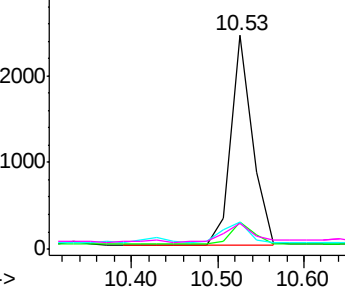


Abundance Ion 136.00 (135.70 to 136.70): E

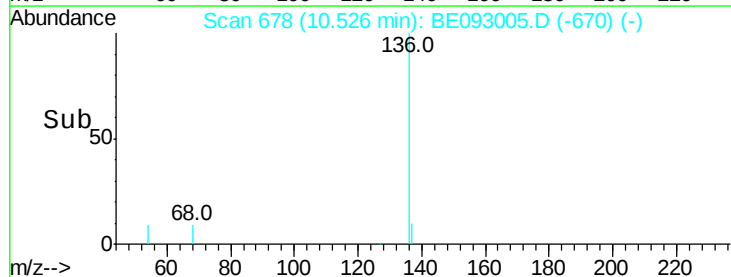
Ion 137.00 (136.70 to 137.70): E

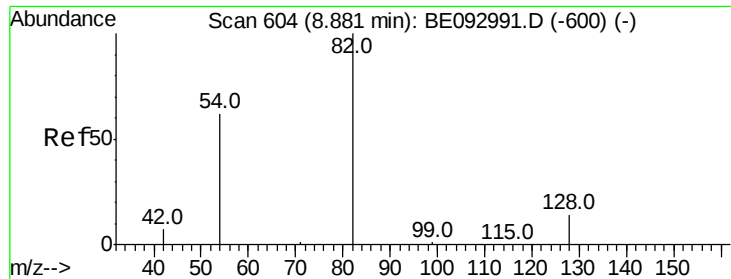
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60





#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampled :

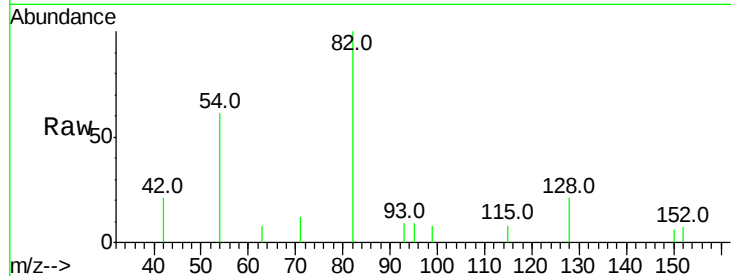
Tot Ion: 82 Resp: 1122

Ion Ratio Lower Upper

82 100

128 21.5 17.0 25.4

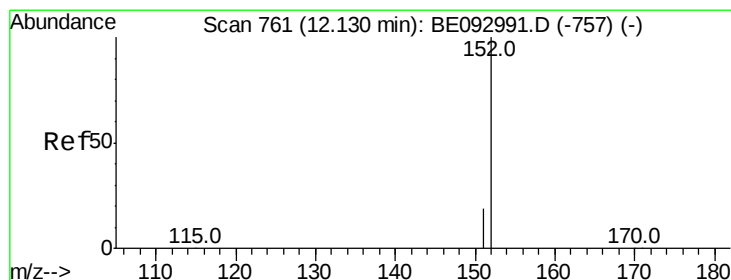
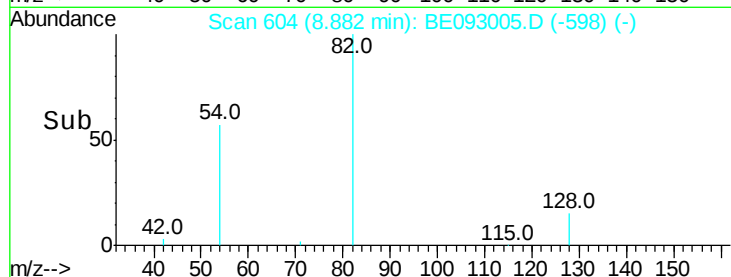
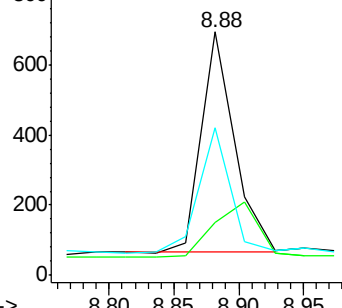
54 60.5 53.8 80.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.12 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093005.D

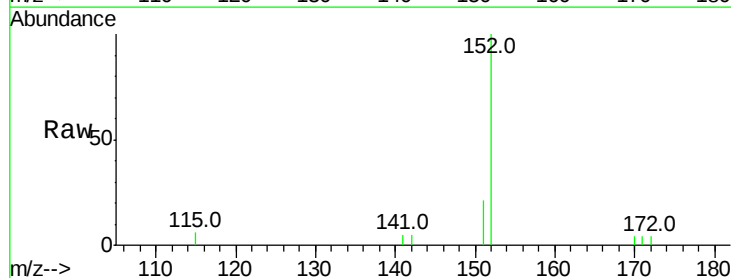
Acq: 11 May 2017 20:37

Tgt Ion: 152 Resp: 2077

Ion Ratio Lower Upper

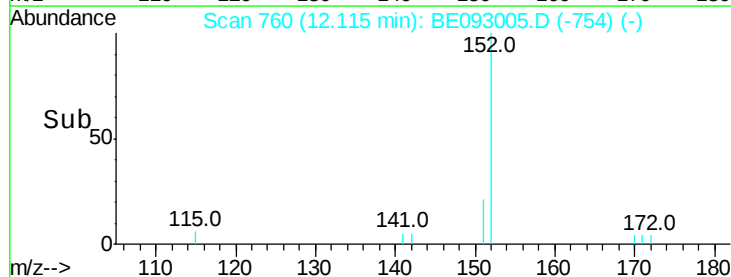
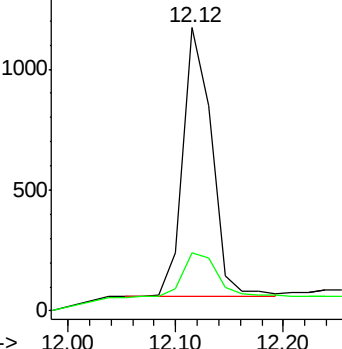
152 100

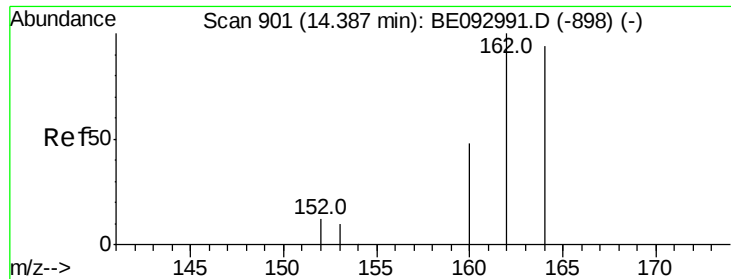
151 20.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

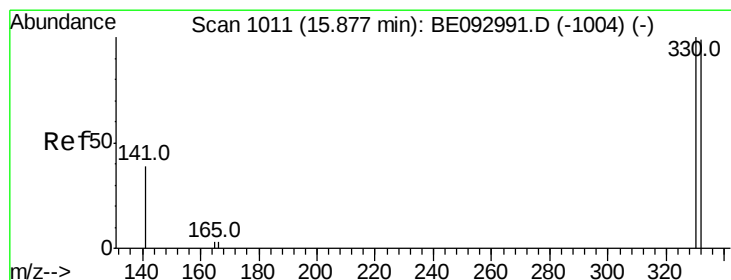
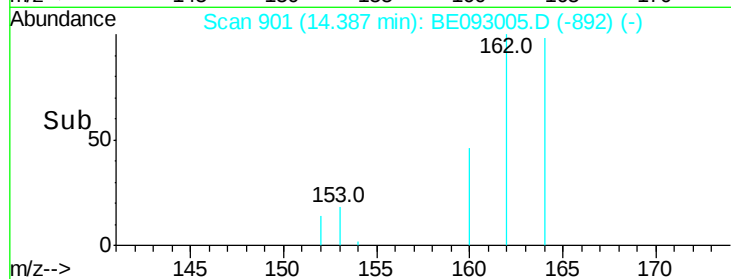
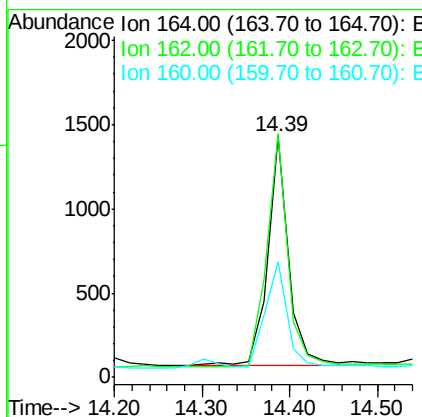
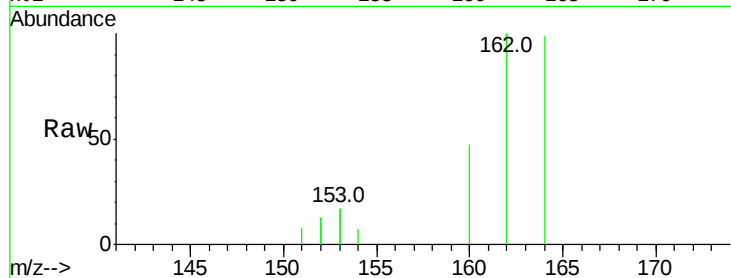




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

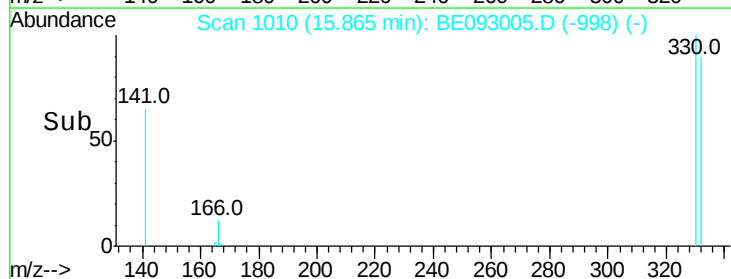
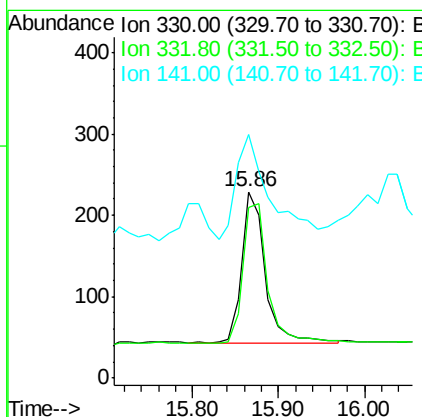
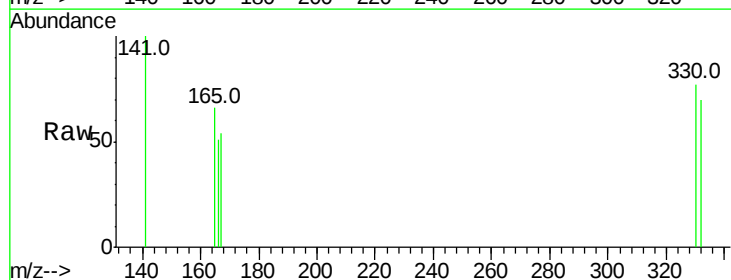
Instrument :
BNA_E
ClientSampleId :

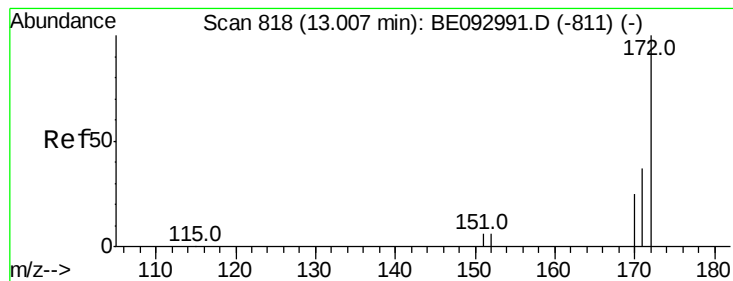
Tot Ion:164 Resp: 2242
Ion Ratio Lower Upper
164 100
162 101.2 84.6 127.0
160 47.9 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

Tgt Ion:330 Resp: 355
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 97.7 56.2 84.4#

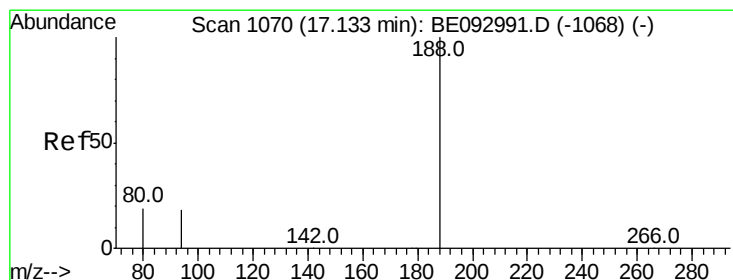
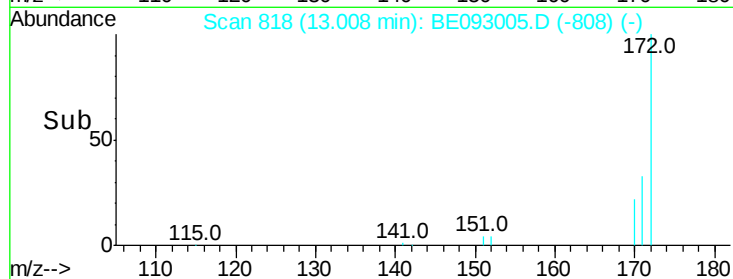
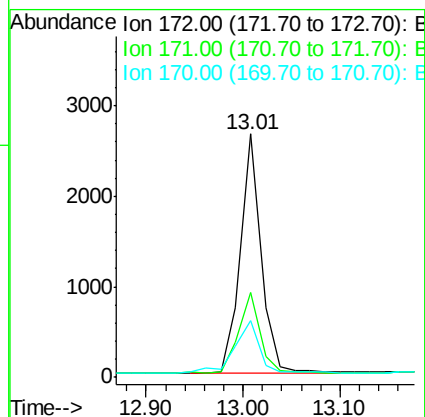
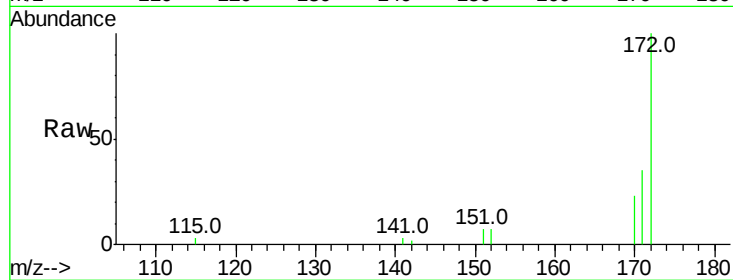




#15
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093005.D
 Acq: 11 May 2017 20:37

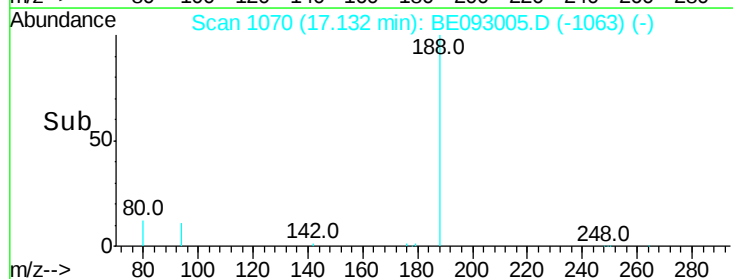
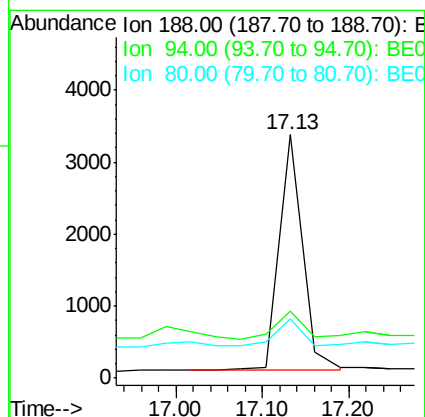
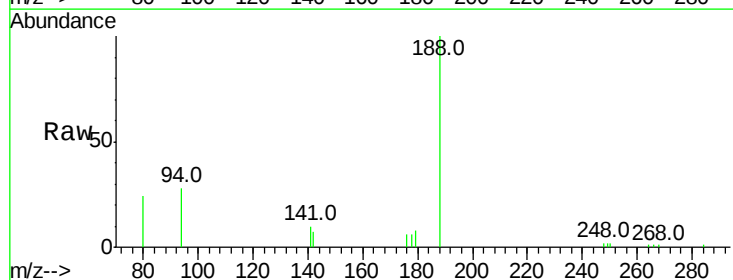
Instrument :
 BNA_E
 ClientSampleId :

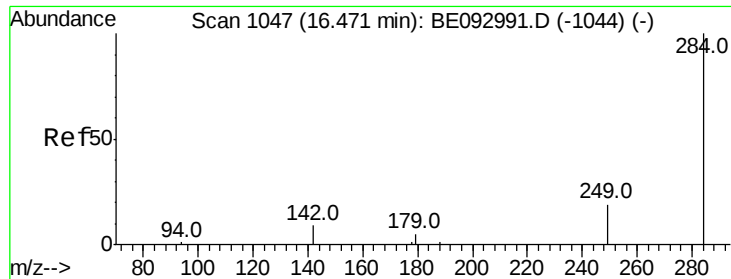
Tot Ion:172 Resp: 3936
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.8 44.6
 170 23.2 20.7 31.1



#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.13 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BE093005.D
 Acq: 11 May 2017 20:37

Tgt Ion:188 Resp: 6199
 Ion Ratio Lower Upper
 188 100
 94 27.6 11.3 16.9#
 80 24.3 11.7 17.5#





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.44 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BE093005.D

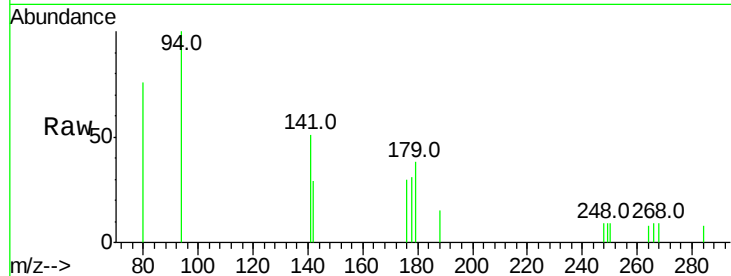
Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampled :

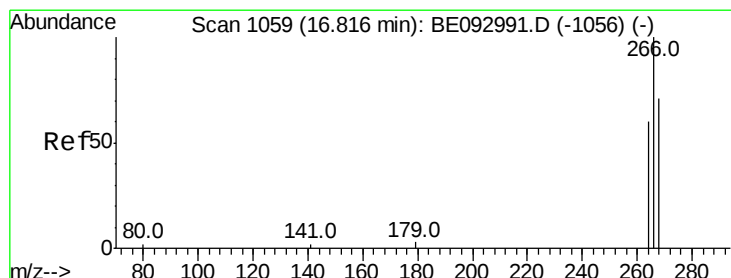
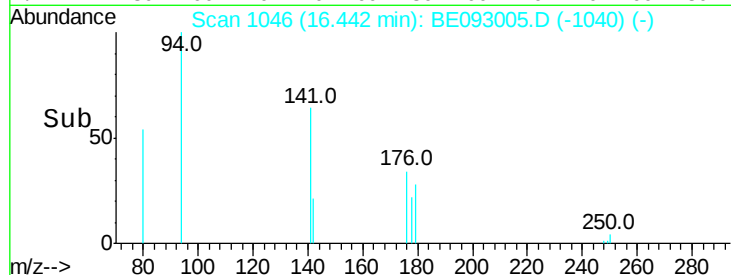
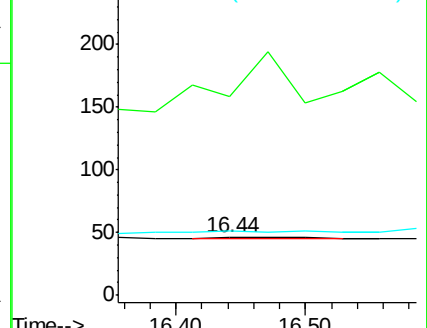
Tot Ion:	284	Resp:	5
Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	280.0	0.0	0.0#



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



#22

Pentachlorophenol

Concen: 0.11 ng

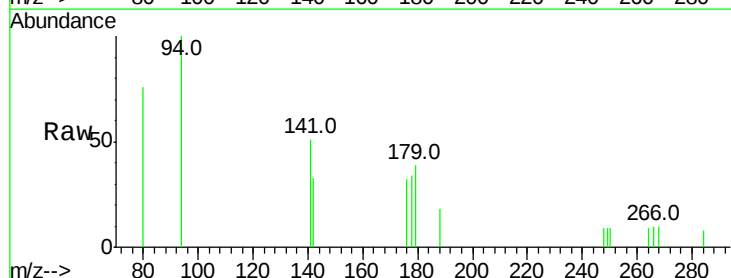
RT: 16.82 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

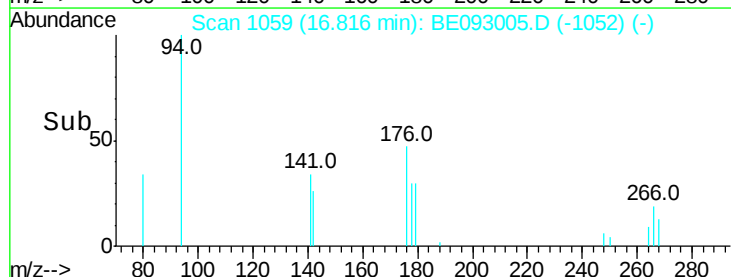
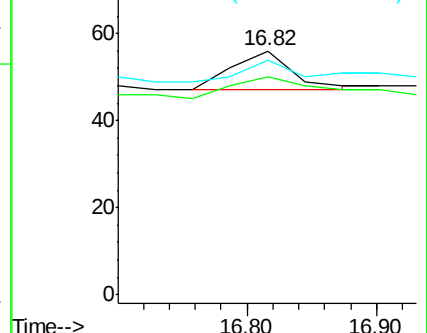
Tgt Ion:	266	Resp:	29
Ion	Ratio	Lower	Upper
266	100		
264	89.3	58.2	87.2#
268	96.4	71.9	107.9

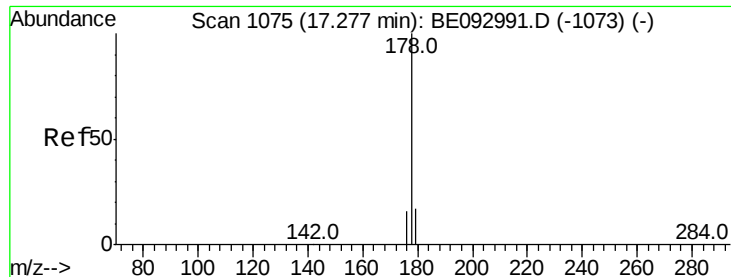


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#24

Anthracene

Concen: 0.05 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampled :

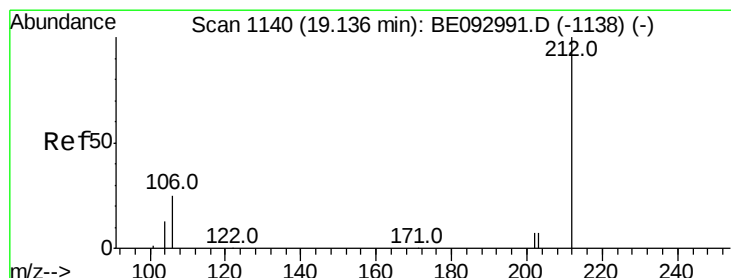
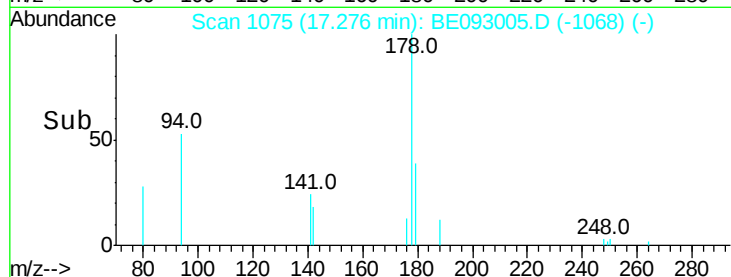
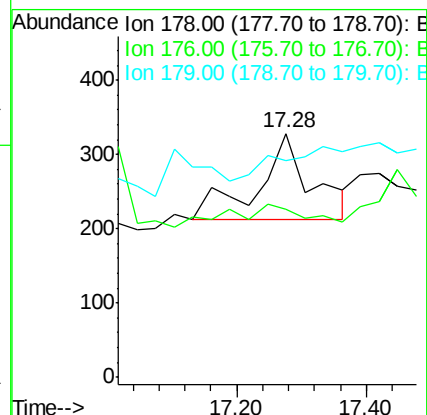
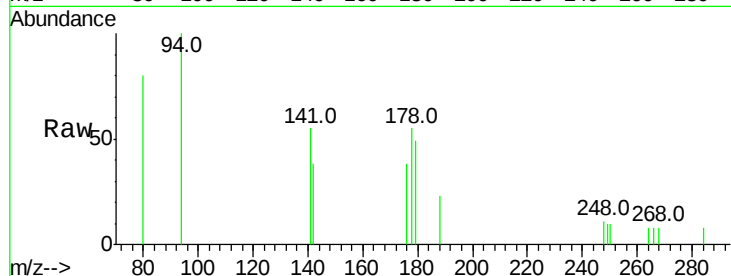
Tot Ion:178 Resp: 658

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

179 0.0 12.0 18.0#



#25

Fluoranthene-d10

Concen: 0.35 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

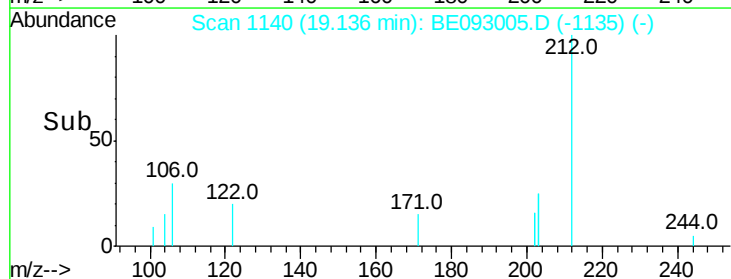
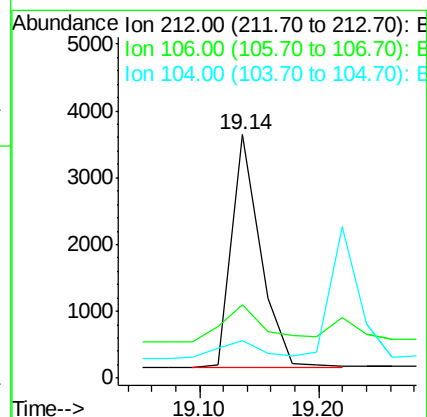
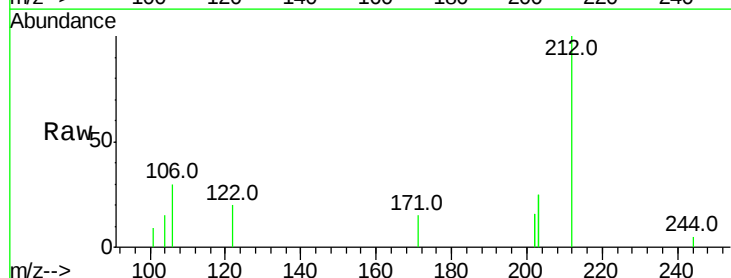
Tgt Ion:212 Resp: 5802

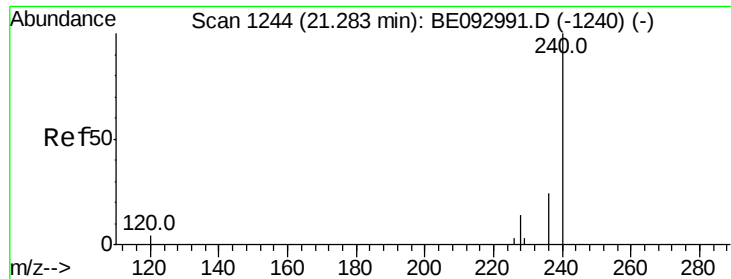
Ion Ratio Lower Upper

212 100

106 24.3 0.0 0.0#

104 11.2 0.0 0.0#

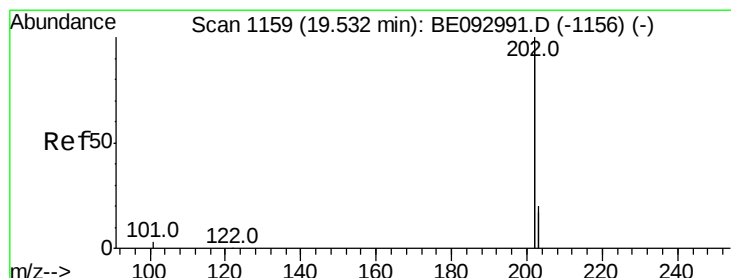
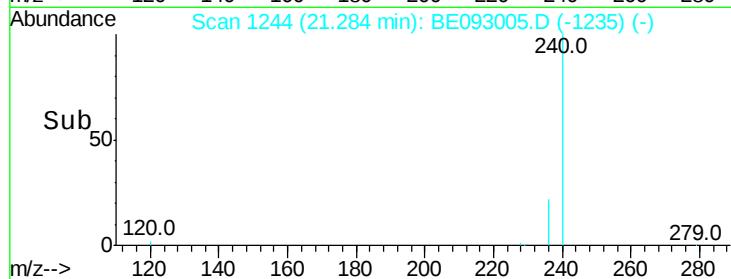
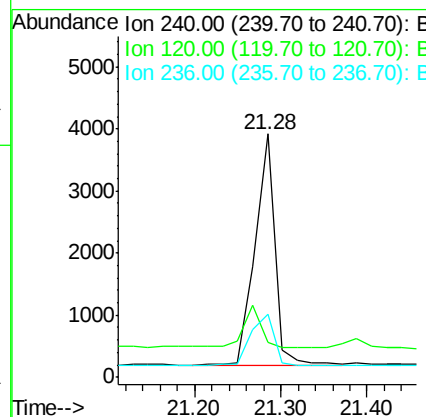
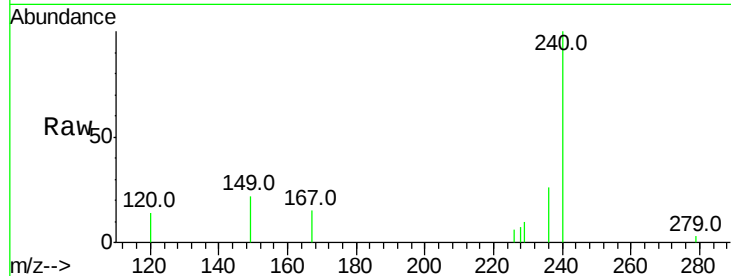




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

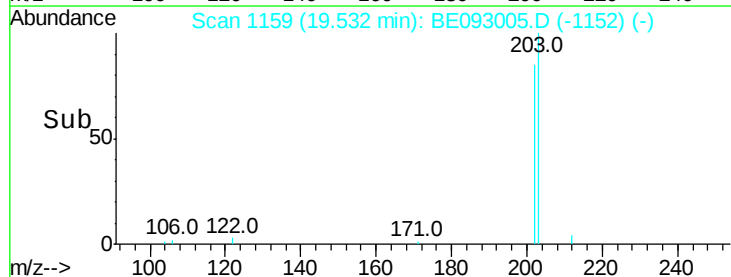
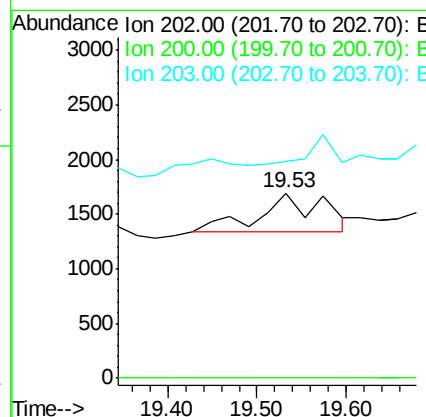
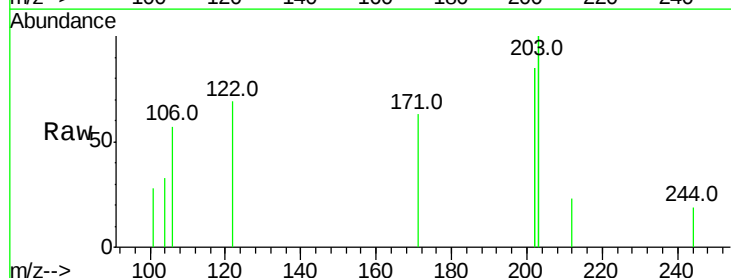
Instrument :
BNA_E
ClientSampleId :

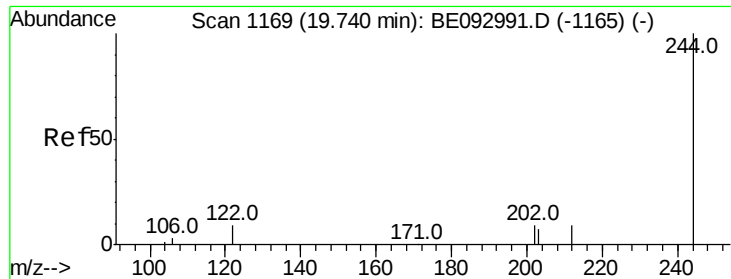
Tot Ion:240 Resp: 5986
Ion Ratio Lower Upper
240 100
120 14.2 4.6 7.0#
236 26.1 20.8 31.2



#28
Pyrene
Concen: 0.02 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

Tgt Ion:202 Resp: 1725
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 0.0 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.54 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampleId :

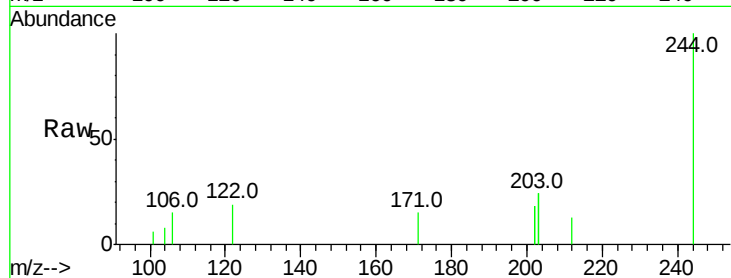
Tot Ion:244 Resp: 5702

Ion Ratio Lower Upper

244 100

212 12.6 10.6 16.0

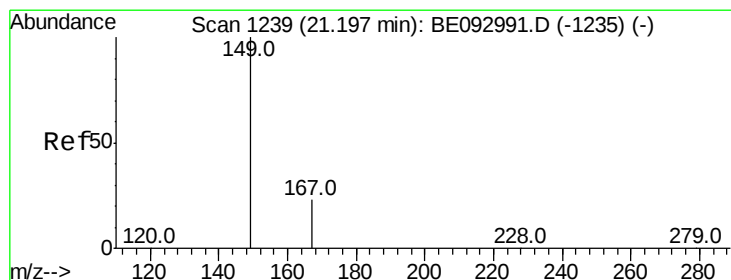
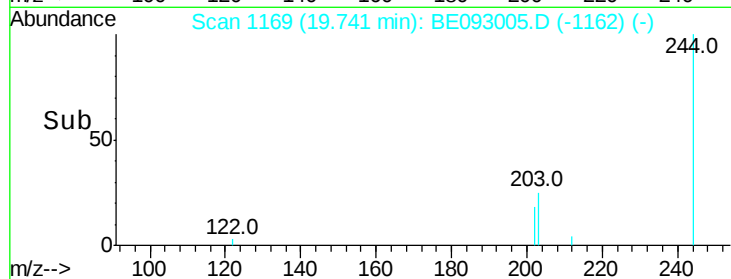
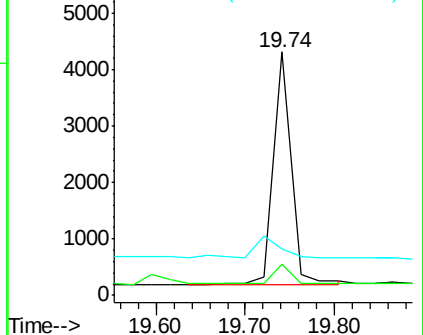
122 19.0 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.42 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

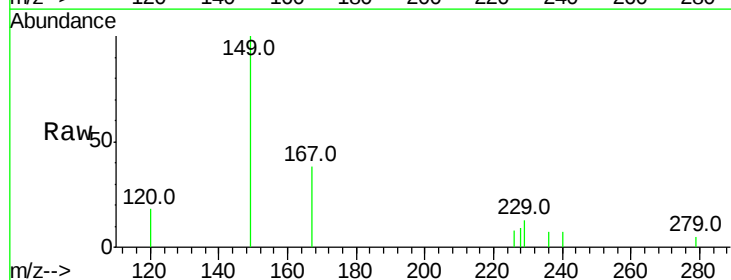
Tgt Ion:149 Resp: 2348

Ion Ratio Lower Upper

149 100

167 27.2 20.1 30.1

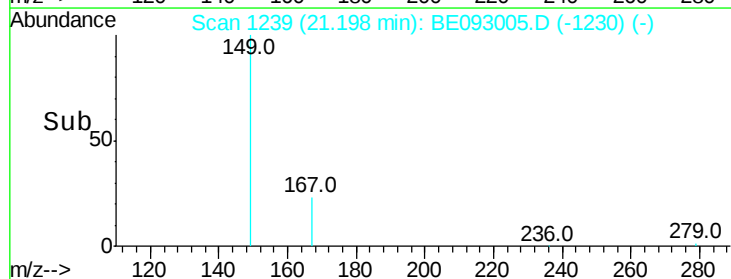
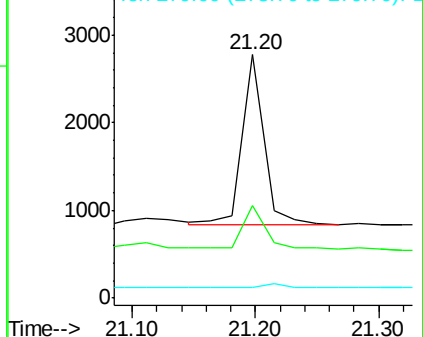
279 2.4 2.2 3.4

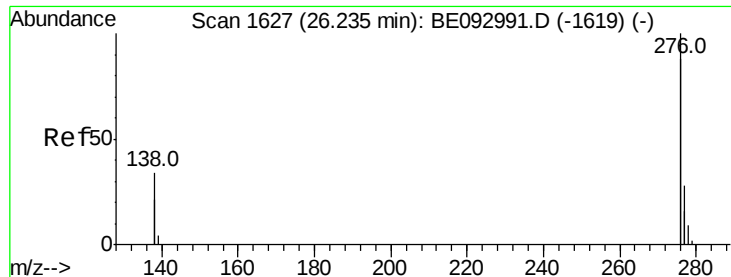


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 26.22 min Scan# 1626

Delta R.T. -0.02 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

Instrument :

BNA_E

ClientSampleId :

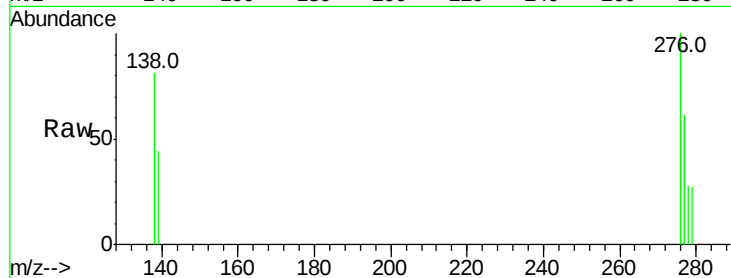
Tot Ion:276 Resp: 1178

Ion Ratio Lower Upper

276 100

138 47.5 27.4 41.2#

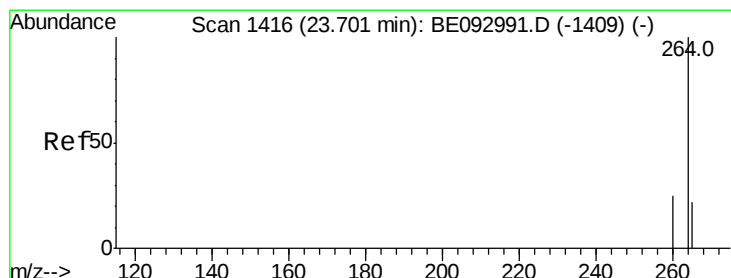
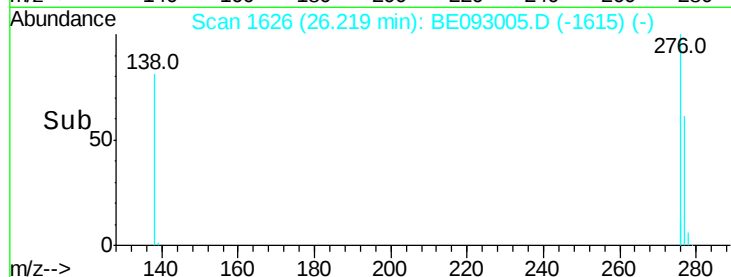
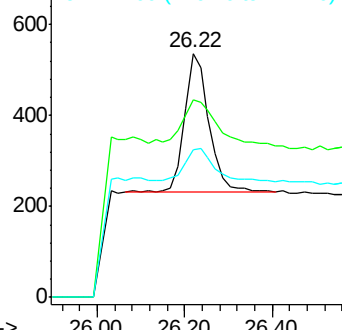
277 29.7 20.1 30.1



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

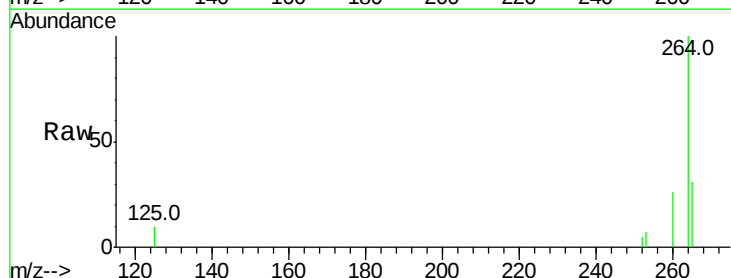
Tgt Ion:264 Resp: 5163

Ion Ratio Lower Upper

264 100

260 26.3 21.0 31.4

265 30.9 24.6 36.8



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

