

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093039.D
 Acq On : 15 May 2017 18:03
 Operator : SJ/MA
 Sample : I3079-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-170509

Quant Time: May 16 02:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1154	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4802	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2435	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	7771	0.40	ng	0.00
27) Chrysene-d12	21.27	240	7036	0.40	ng	-0.02
34) Perylene-d12	23.69	264	6125	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	0.00	112	0d	0.00	ng	
5) Phenol-d6	6.92	99	534	0.11	ng	0.00
8) Nitrobenzene-d5	8.88	82	1428	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2233	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	353	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4983	0.50	ng	0.00
25) Fluoranthene-d10	19.14	212	6518	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	7840	0.60	ng	0.00

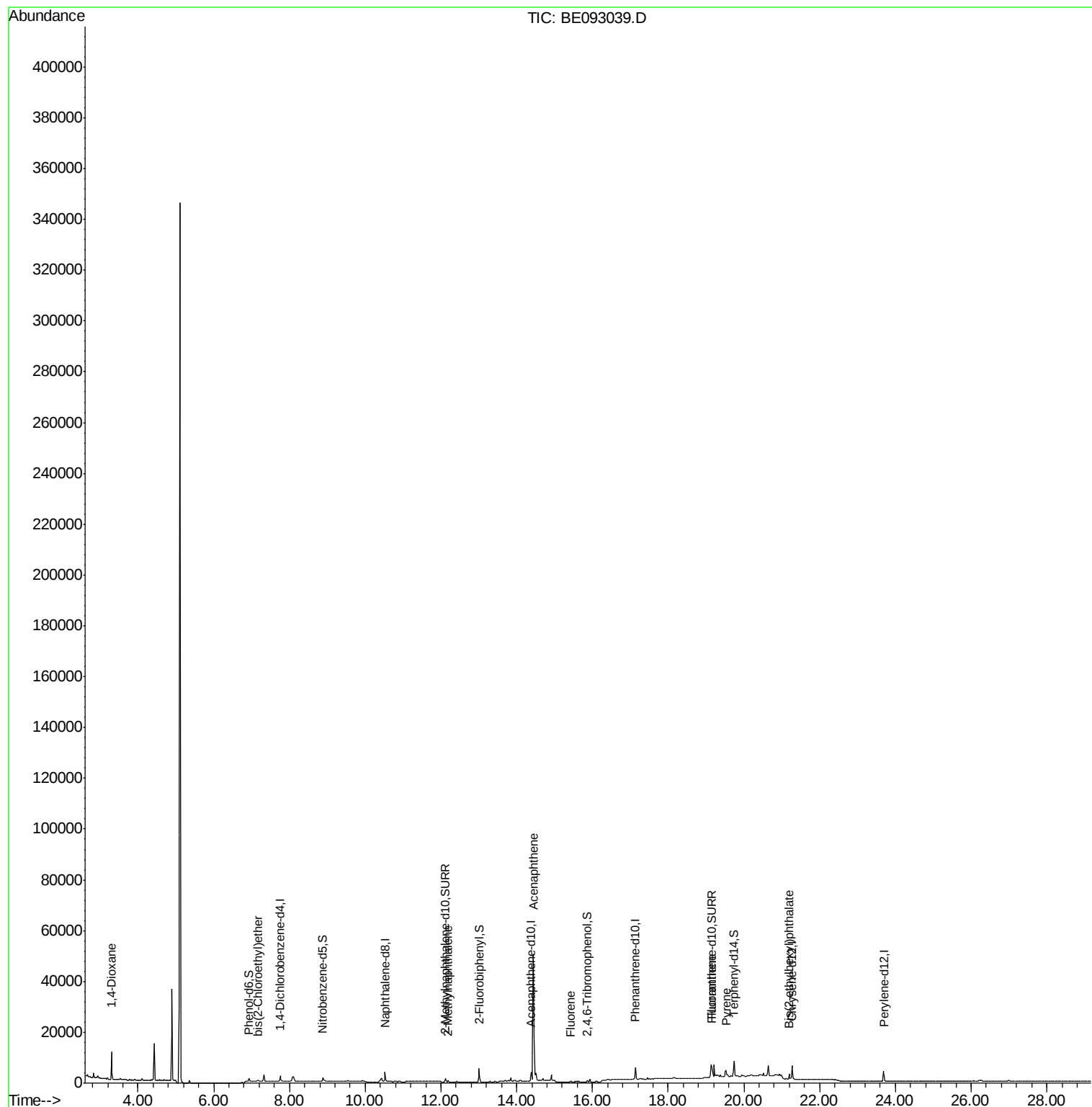
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	6410	3.01	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	522	0.13	ng	# 98
12) 2-Methylnaphthalene	12.19	142	408	0.05	ng	# 89
17) Acenaphthene	14.44	154	10278	1.34	ng	92
18) Fluorene	15.43	166	294	0.03	ng	# 60
26) Fluoranthene	19.16	202	4433	0.05	ng	# 98
28) Pyrene	19.53	202	5014	0.06	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.20	149	2147	0.26	ng	92

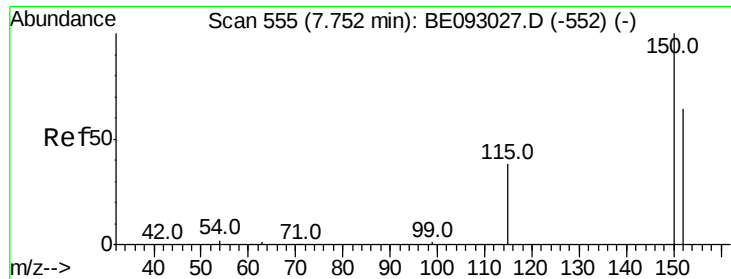
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093039.D
Acq On : 15 May 2017 18:03
Operator : SJ/MA
Sample : I3079-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF016MW001-170509

Quant Time: May 16 02:15:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

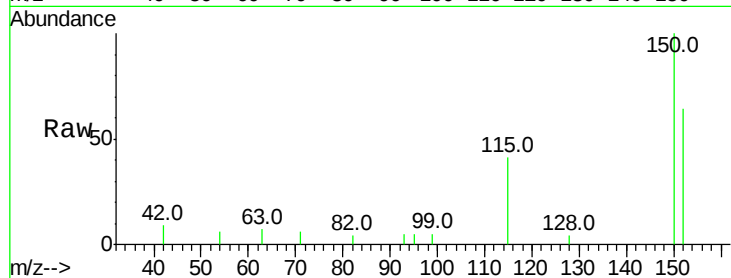
Tot Ion:152 Resp: 1154

Ion Ratio Lower Upper

152 100

150 156.2 125.1 187.7

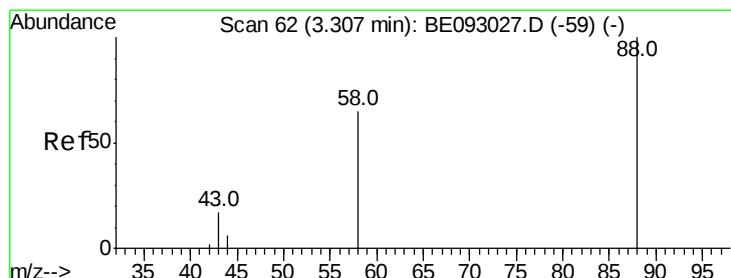
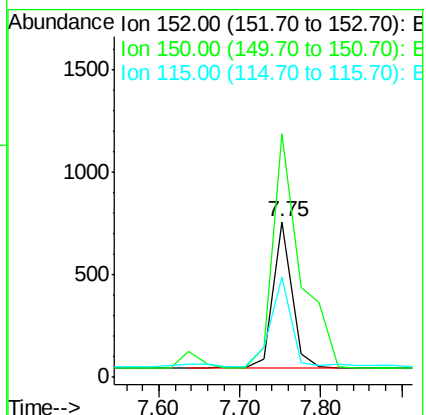
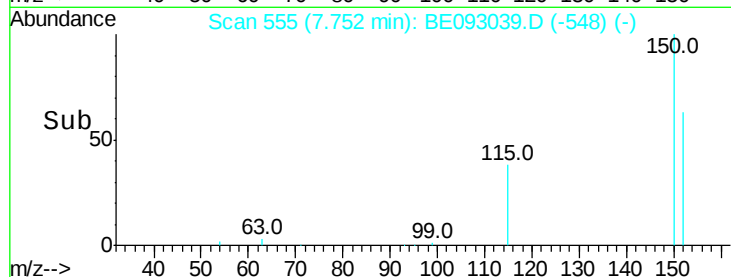
115 64.3 55.7 83.5



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: 3.01 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

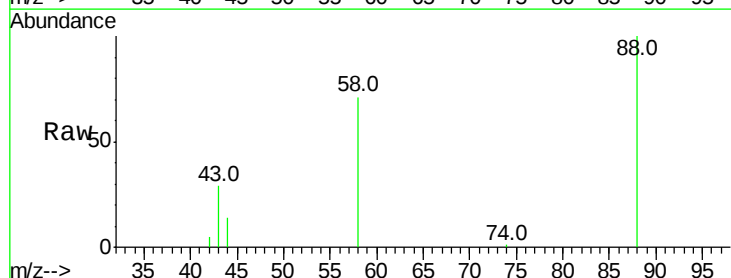
Tgt Ion: 88 Resp: 6410

Ion Ratio Lower Upper

88 100

58 80.8 62.2 93.4

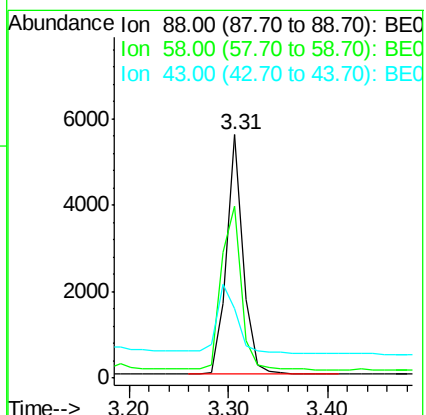
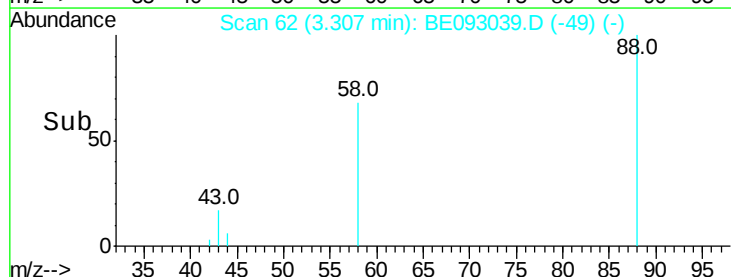
43 35.9 23.2 34.8#

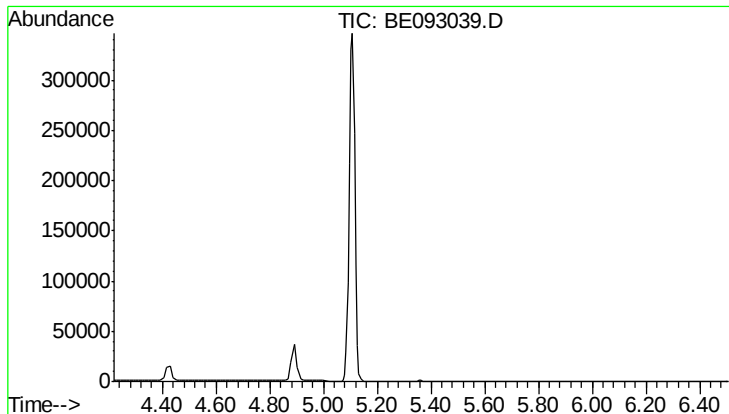


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

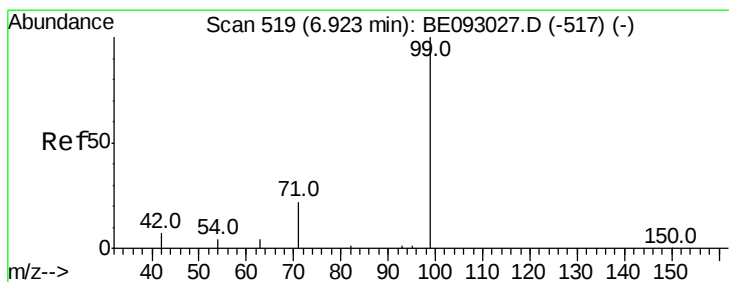
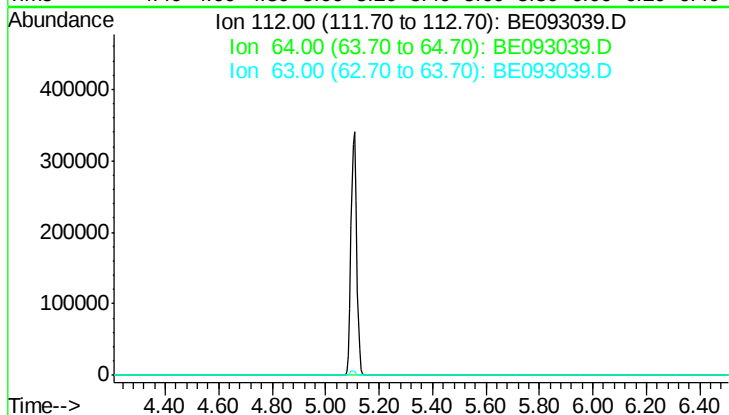




#4
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.36 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

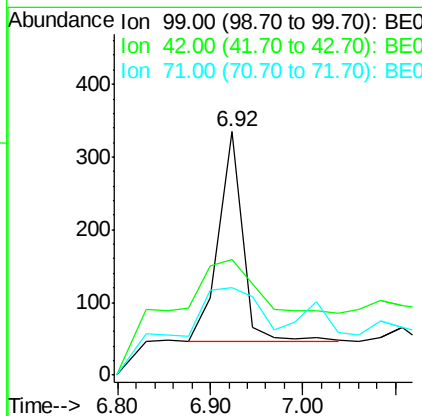
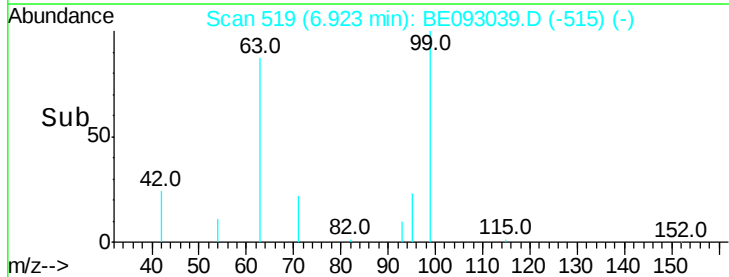
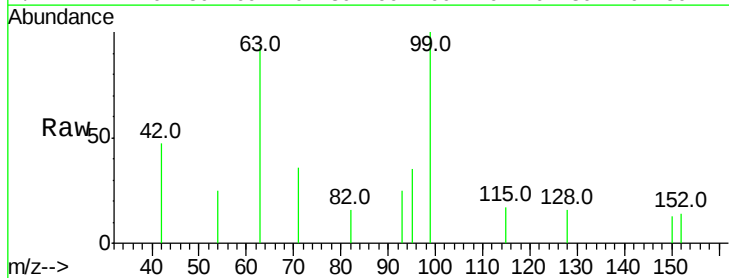
Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-170509

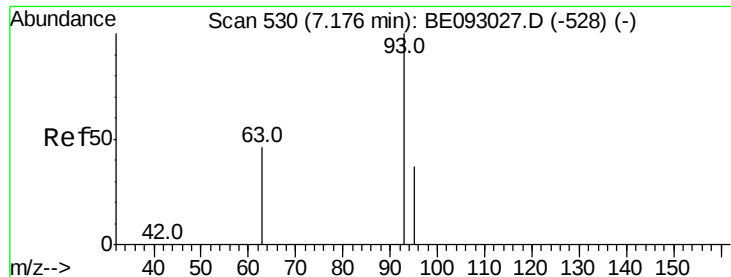
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 70.5
 63 36.6



#5
 Phenol-d6
 Concen: 0.11 ng
 RT: 6.92 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

Tgt Ion: 99 Resp: 534
 Ion Ratio Lower Upper
 99 100
 42 48.1 0.0 0.0#
 71 54.1 0.0 0.0#





#6

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

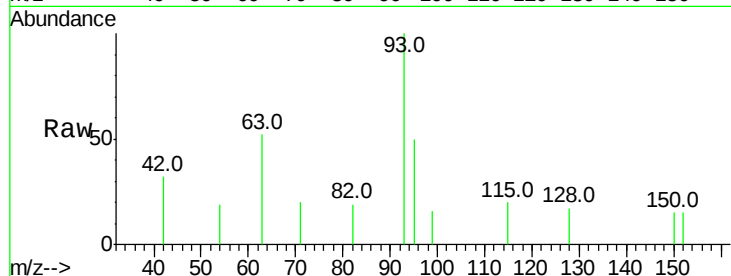
Tot Ion: 93 Resp: 522

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

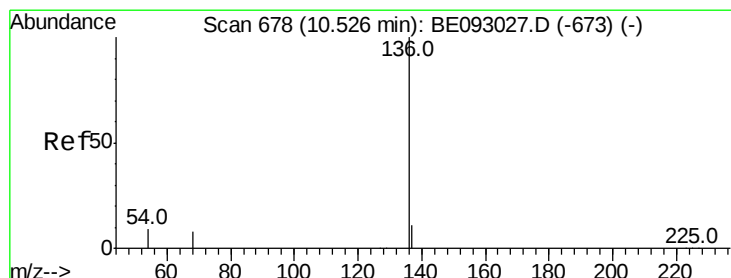
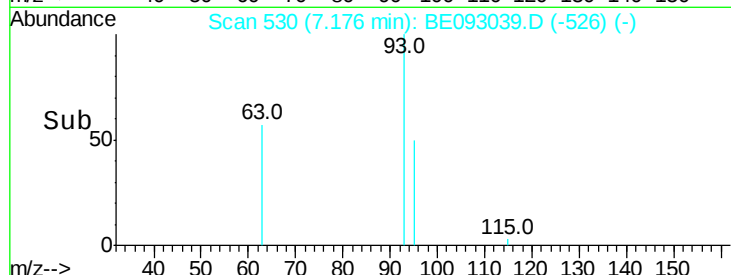
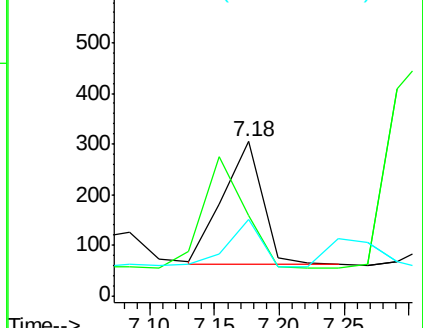
95 32.6 25.4 38.0



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Tgt Ion: 136 Resp: 4802

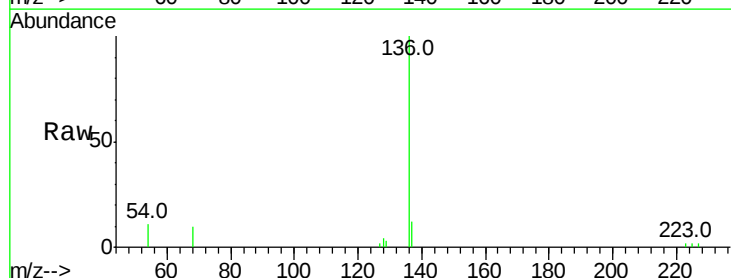
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 10.5 10.3 15.5

68 10.3 9.0 13.4

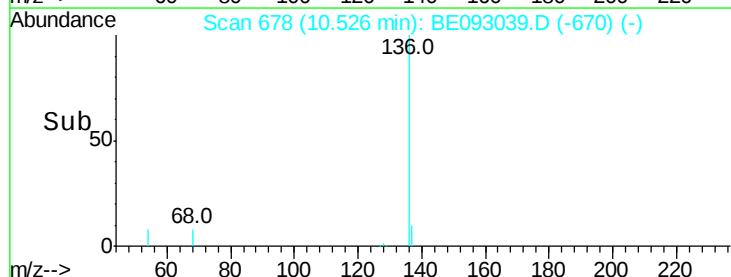
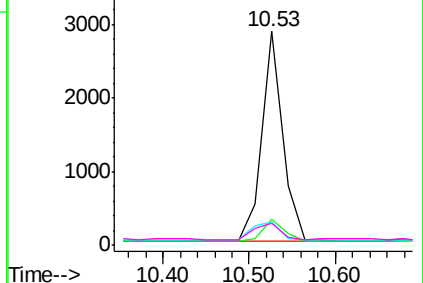


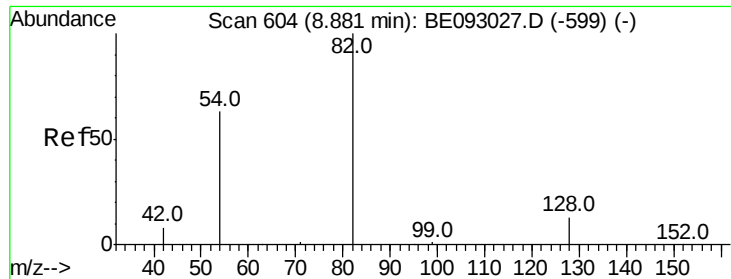
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

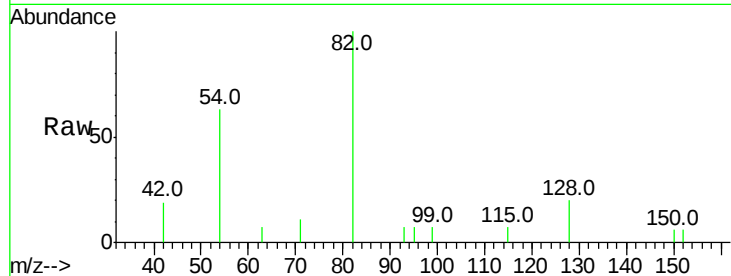
Tot Ion: 82 Resp: 1428

Ion Ratio Lower Upper

82 100

128 19.5 17.0 25.4

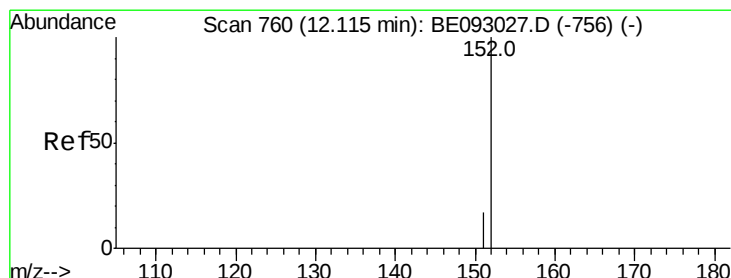
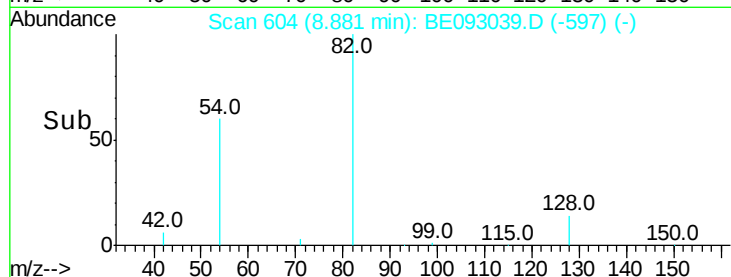
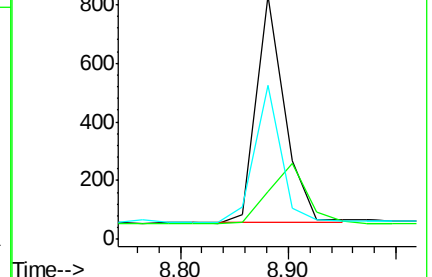
54 63.4 53.8 80.6



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: 0.32 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093039.D

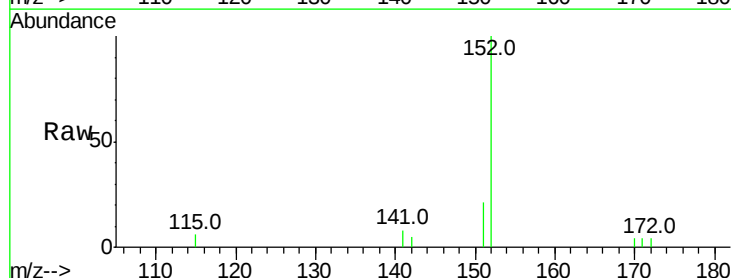
Acq: 15 May 2017 18:03

Tgt Ion: 152 Resp: 2233

Ion Ratio Lower Upper

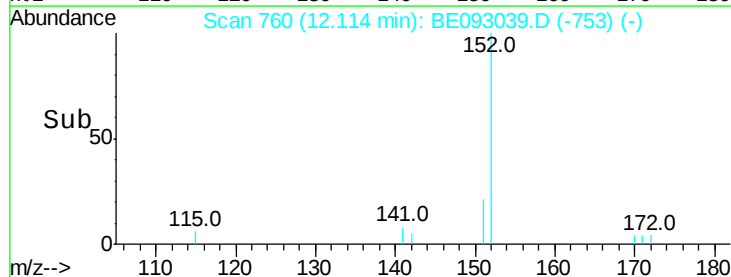
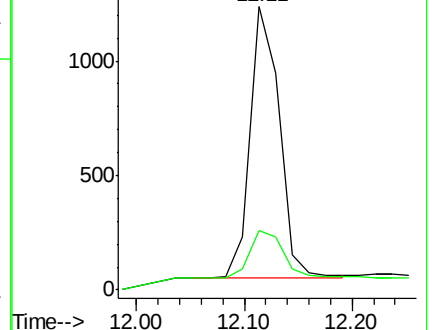
152 100

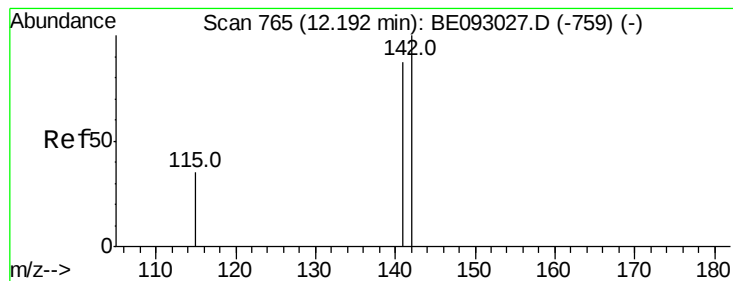
151 20.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#12

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

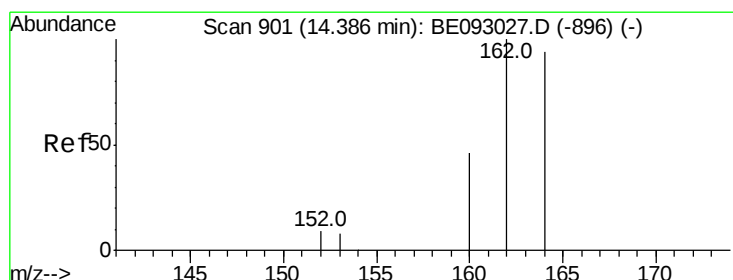
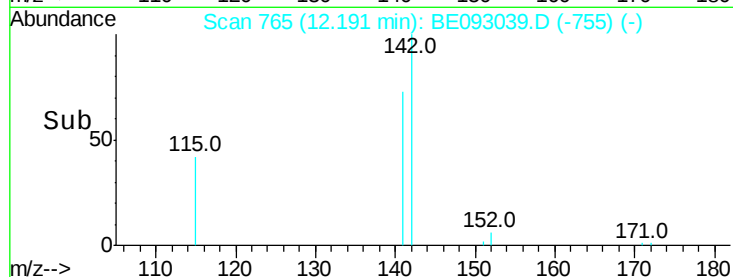
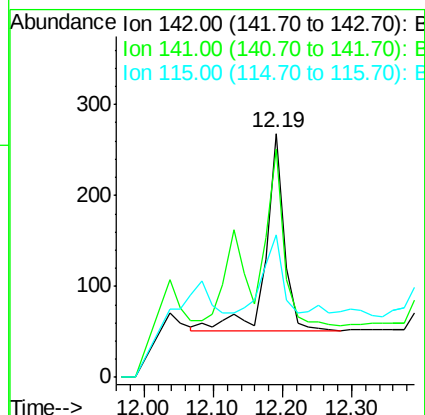
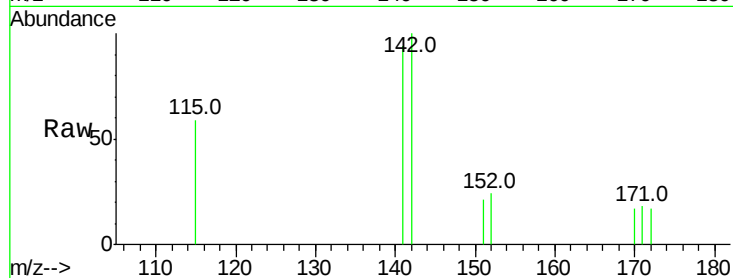
Tot Ion:142 Resp: 408

Ion Ratio Lower Upper

142 100

141 93.7 72.6 108.8

115 58.6 32.2 48.2#



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

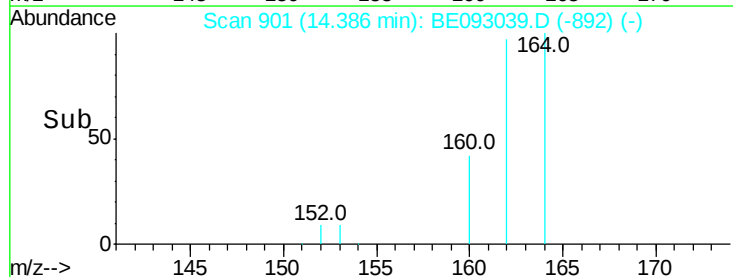
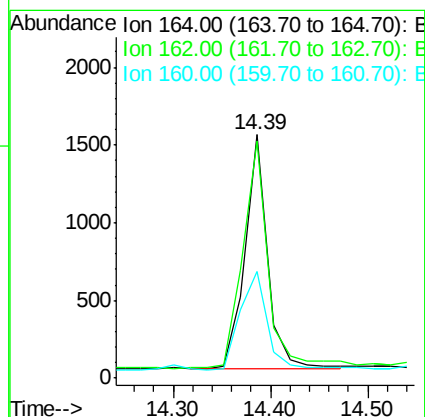
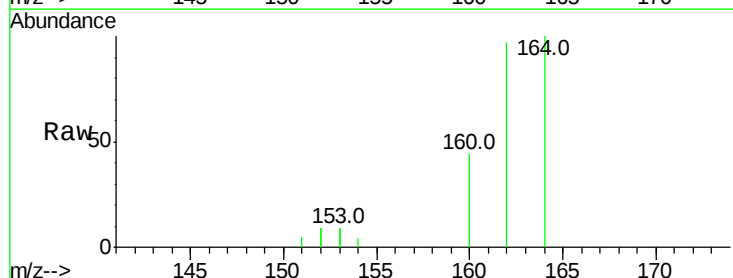
Tgt Ion:164 Resp: 2435

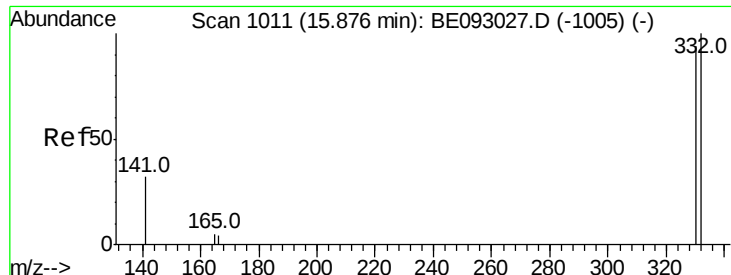
Ion Ratio Lower Upper

164 100

162 97.3 84.6 127.0

160 43.9 41.8 62.6

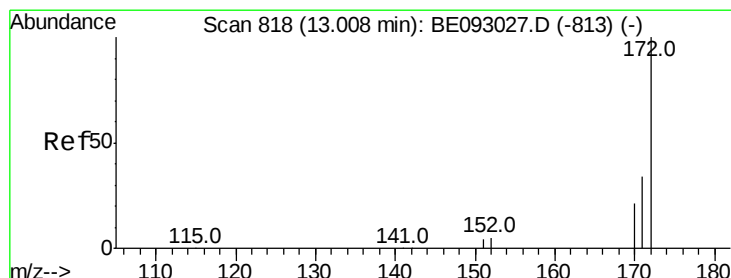
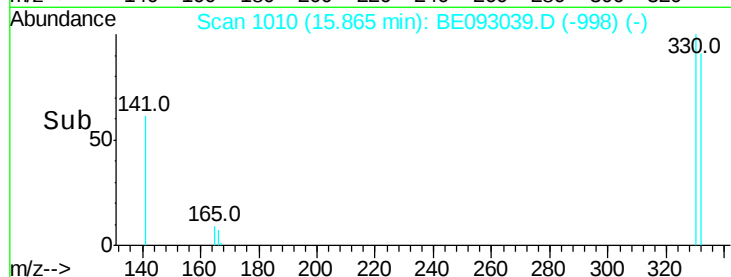
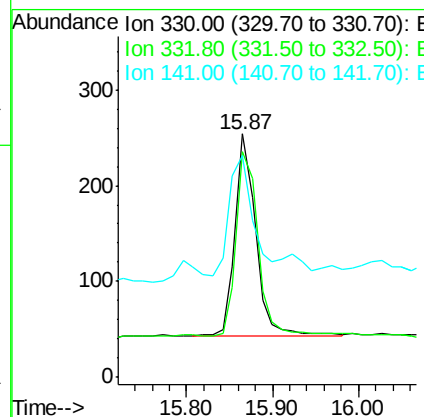
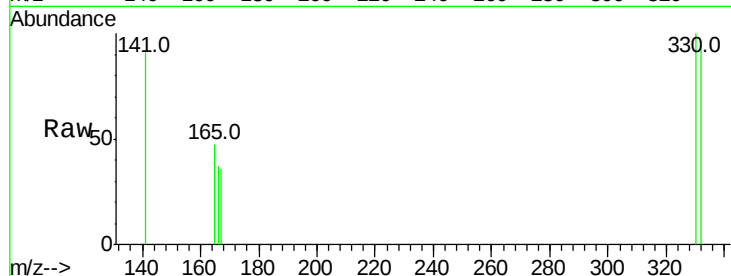




#14
 2,4,6-Tribromophenol
 Concen: 0.49 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

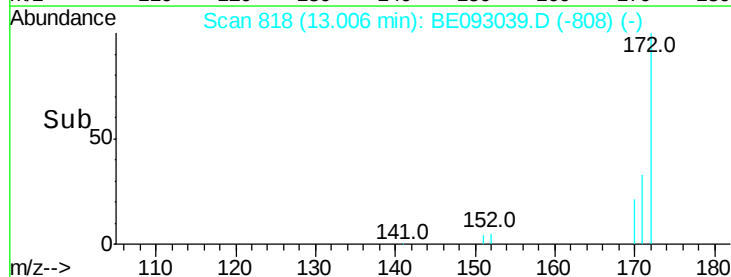
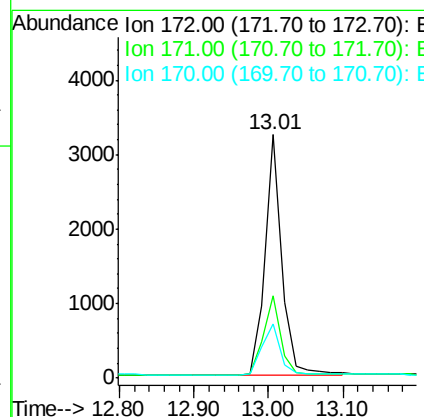
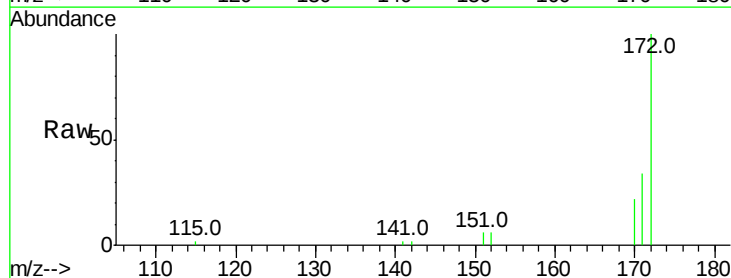
Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-170509

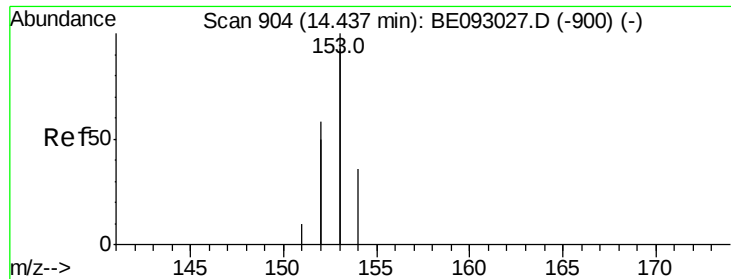
Tot Ion:330 Resp: 353
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 67.4 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.50 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

Tgt Ion:172 Resp: 4983
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.8 44.6
 170 22.1 20.7 31.1





#17

Acenaphthene

Concen: 1.34 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

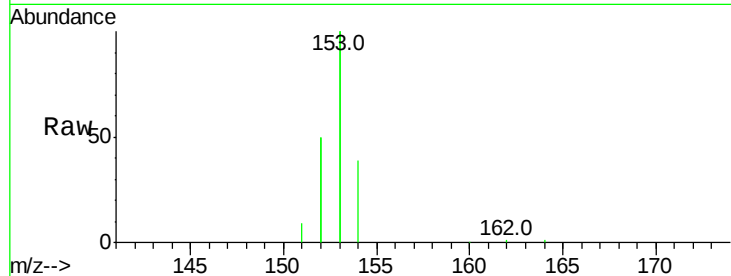
Tot Ion:154 Resp: 10278

Ion Ratio Lower Upper

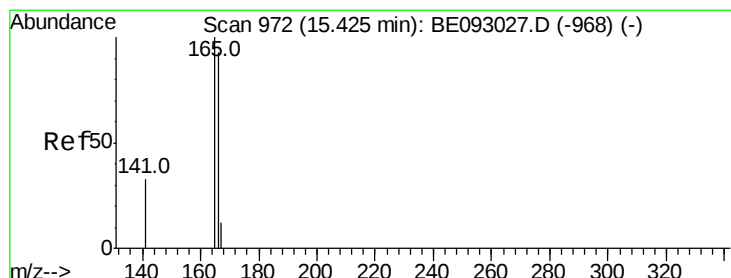
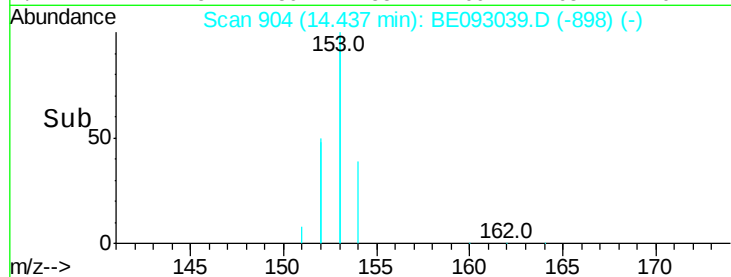
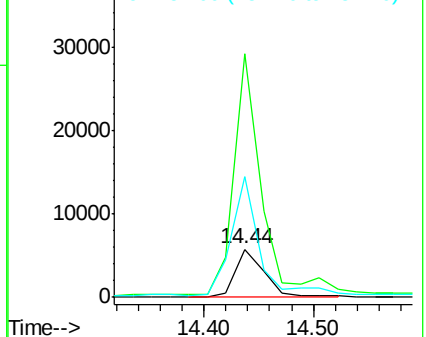
154 100

153 487.6 367.8 551.6

152 238.7 188.2 282.2



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



#18

Fluorene

Concen: 0.03 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

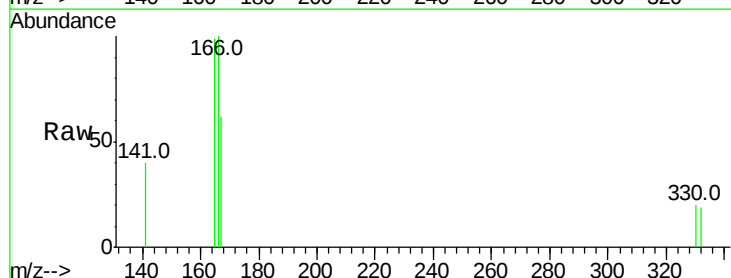
Tgt Ion:166 Resp: 294

Ion Ratio Lower Upper

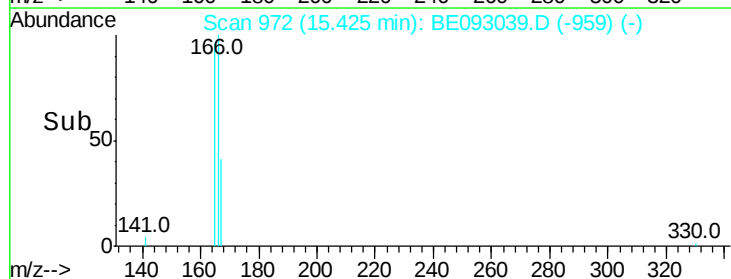
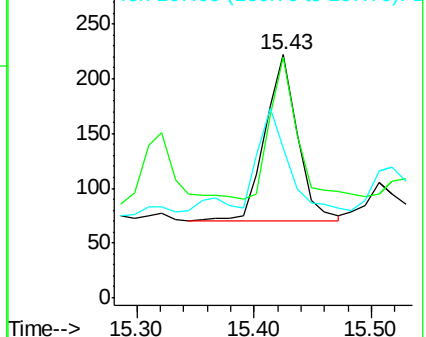
166 100

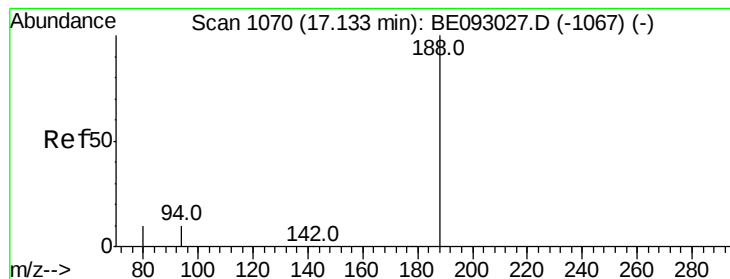
165 71.4 78.6 117.8#

167 68.4 11.1 16.7#



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





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

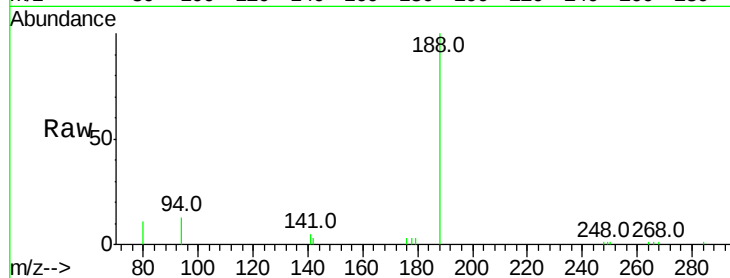
Tot Ion:188 Resp: 7771

Ion Ratio Lower Upper

188 100

94 12.6 11.3 16.9

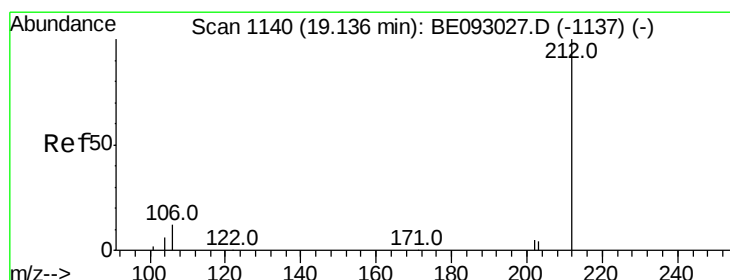
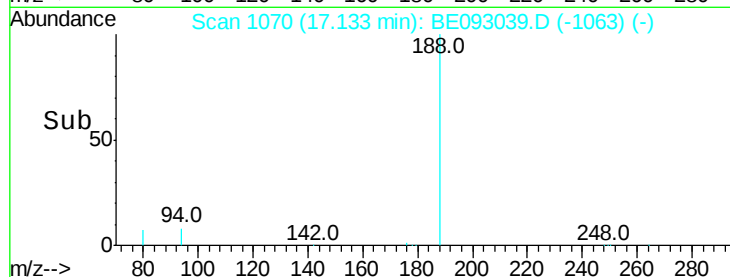
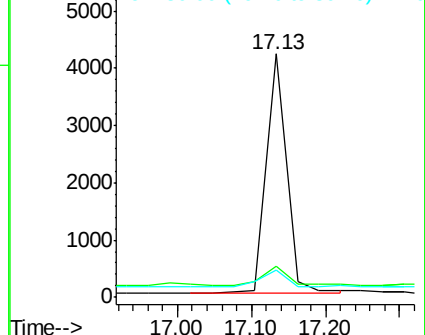
80 11.4 11.7 17.5#



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



#25

Fluoranthene-d10

Concen: 0.32 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

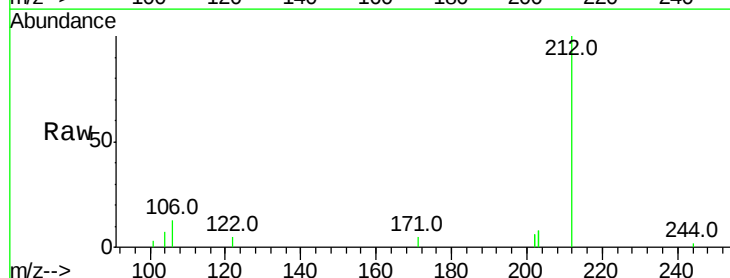
Tgt Ion:212 Resp: 6518

Ion Ratio Lower Upper

212 100

106 15.0 0.0 0.0#

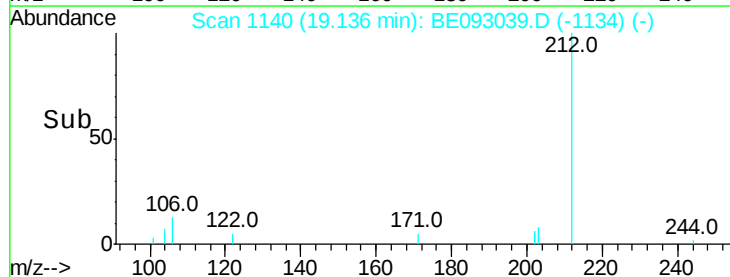
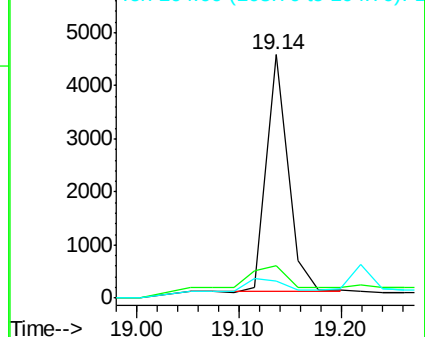
104 0.0 0.0 0.0

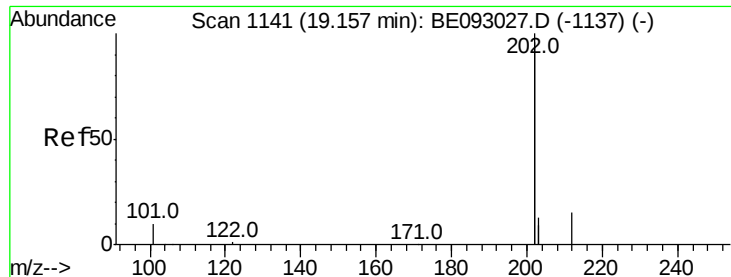


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

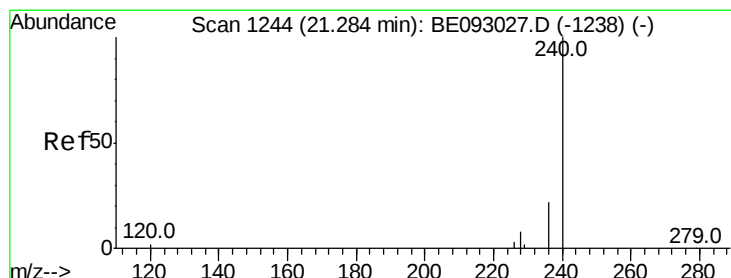
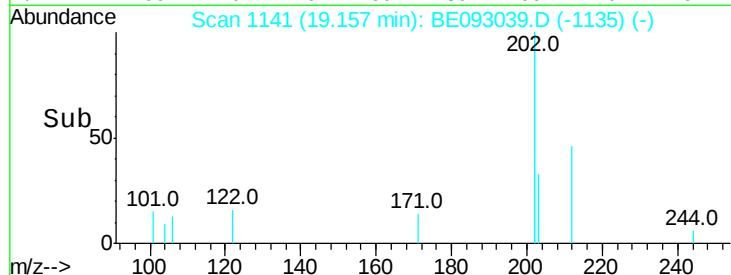
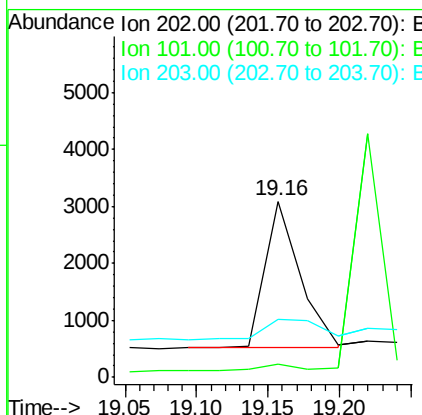
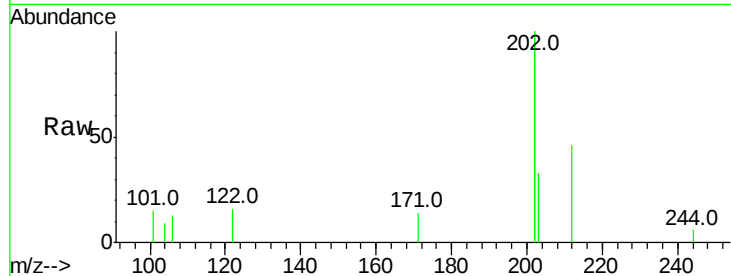




#26
 Fluoranthene
 Concen: 0.05 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

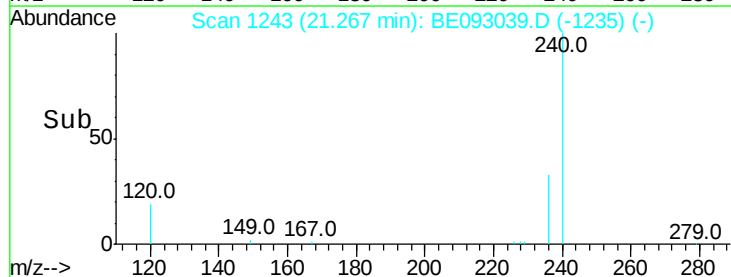
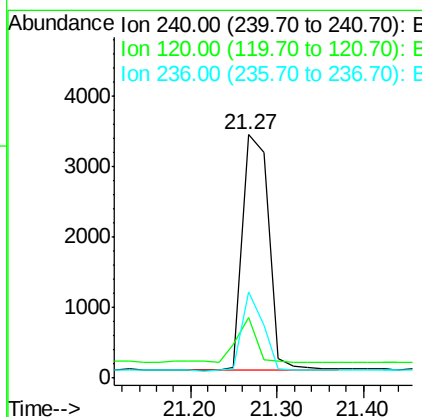
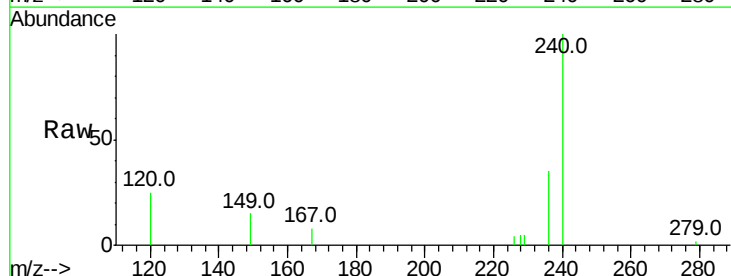
Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-170509

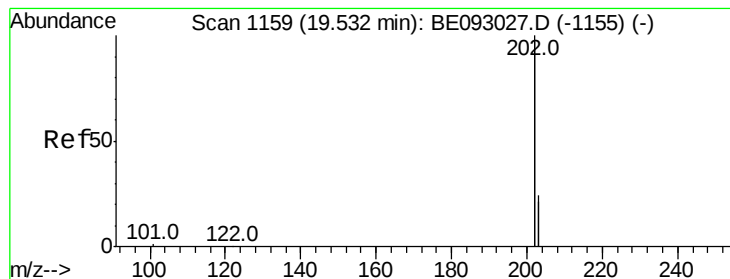
Tot Ion:202 Resp: 4433
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 18.9 14.4 21.6



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.27 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

Tgt Ion:240 Resp: 7036
 Ion Ratio Lower Upper
 240 100
 120 24.9 4.6 7.0#
 236 35.2 20.8 31.2#





#28

Pvrene

Concen: 0.06 ng

RT: 19.53 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

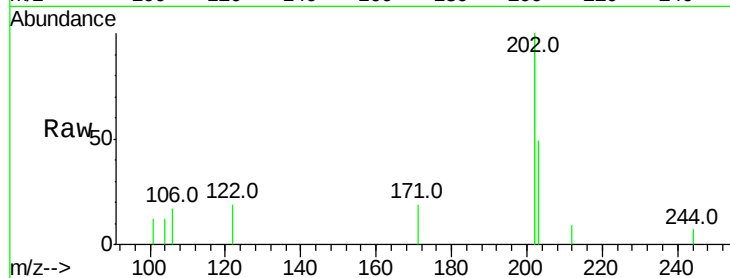
Tot Ion:202 Resp: 5014

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

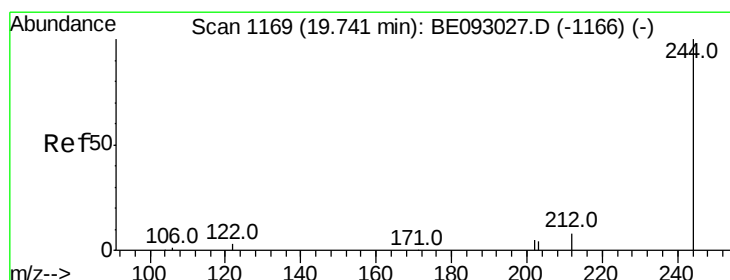
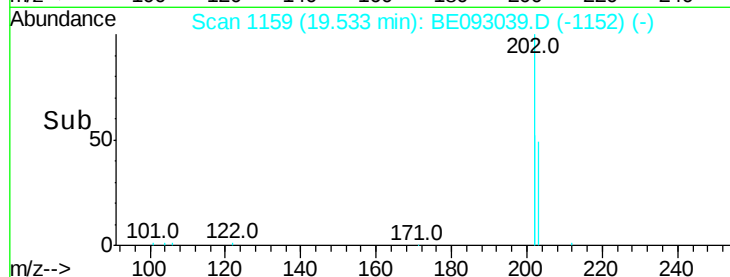
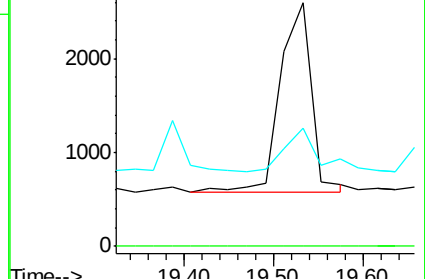
203 20.2 13.7 20.5



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



#29

Terphenyl-d14

Concen: 0.60 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

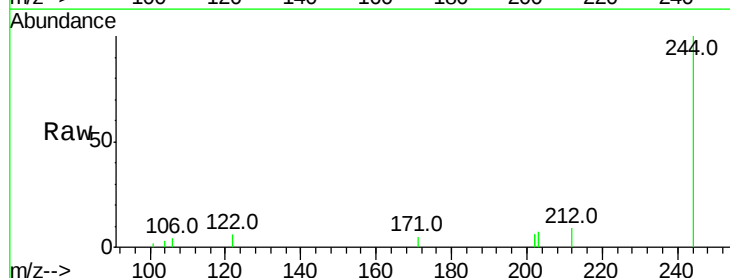
Tgt Ion:244 Resp: 7840

Ion Ratio Lower Upper

244 100

212 9.2 10.6 16.0#

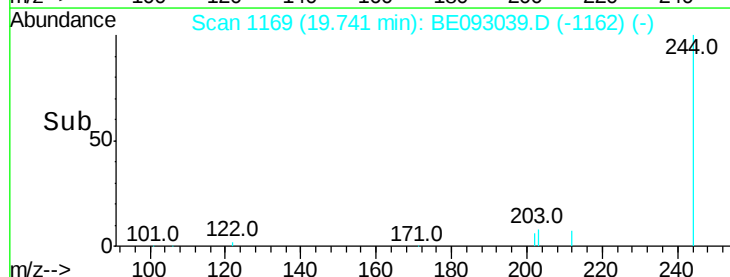
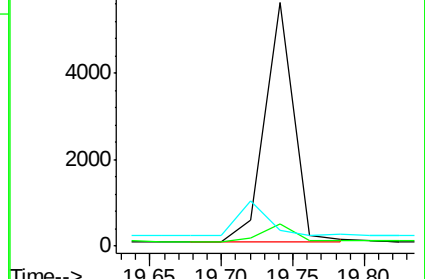
122 6.4 15.4 23.0#

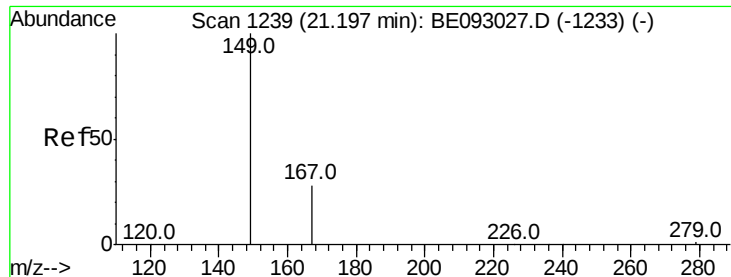


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

LF016MW001-170509

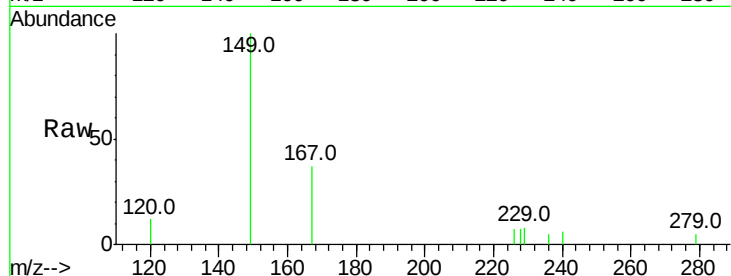
Tot Ion:149 Resp: 2147

Ion Ratio Lower Upper

149 100

167 29.3 20.1 30.1

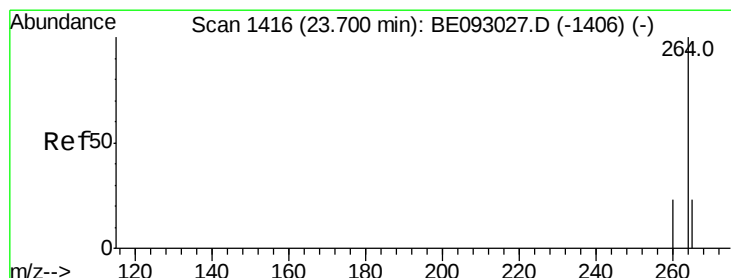
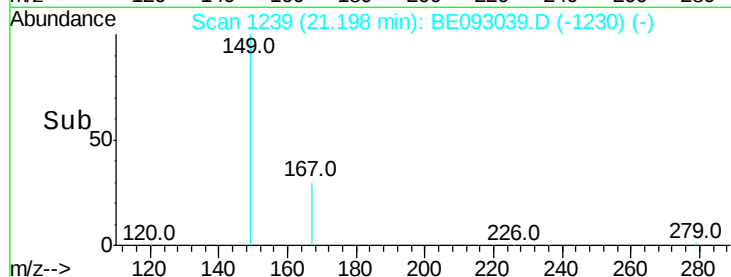
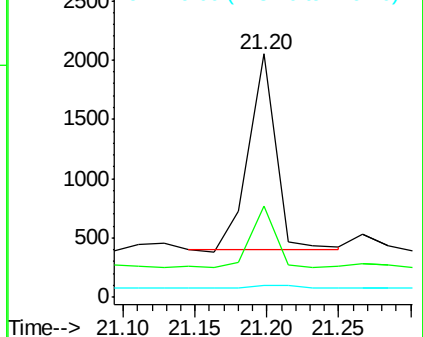
279 3.1 2.2 3.4



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

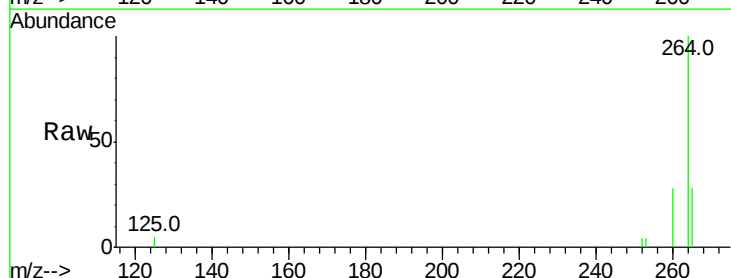
Tgt Ion:264 Resp: 6125

Ion Ratio Lower Upper

264 100

260 27.6 21.0 31.4

265 27.7 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

