

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093043.D
 Acq On : 15 May 2017 20:32
 Operator : SJ/MA
 Sample : I3058-12DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-170508DL

Quant Time: May 16 02:29:39 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

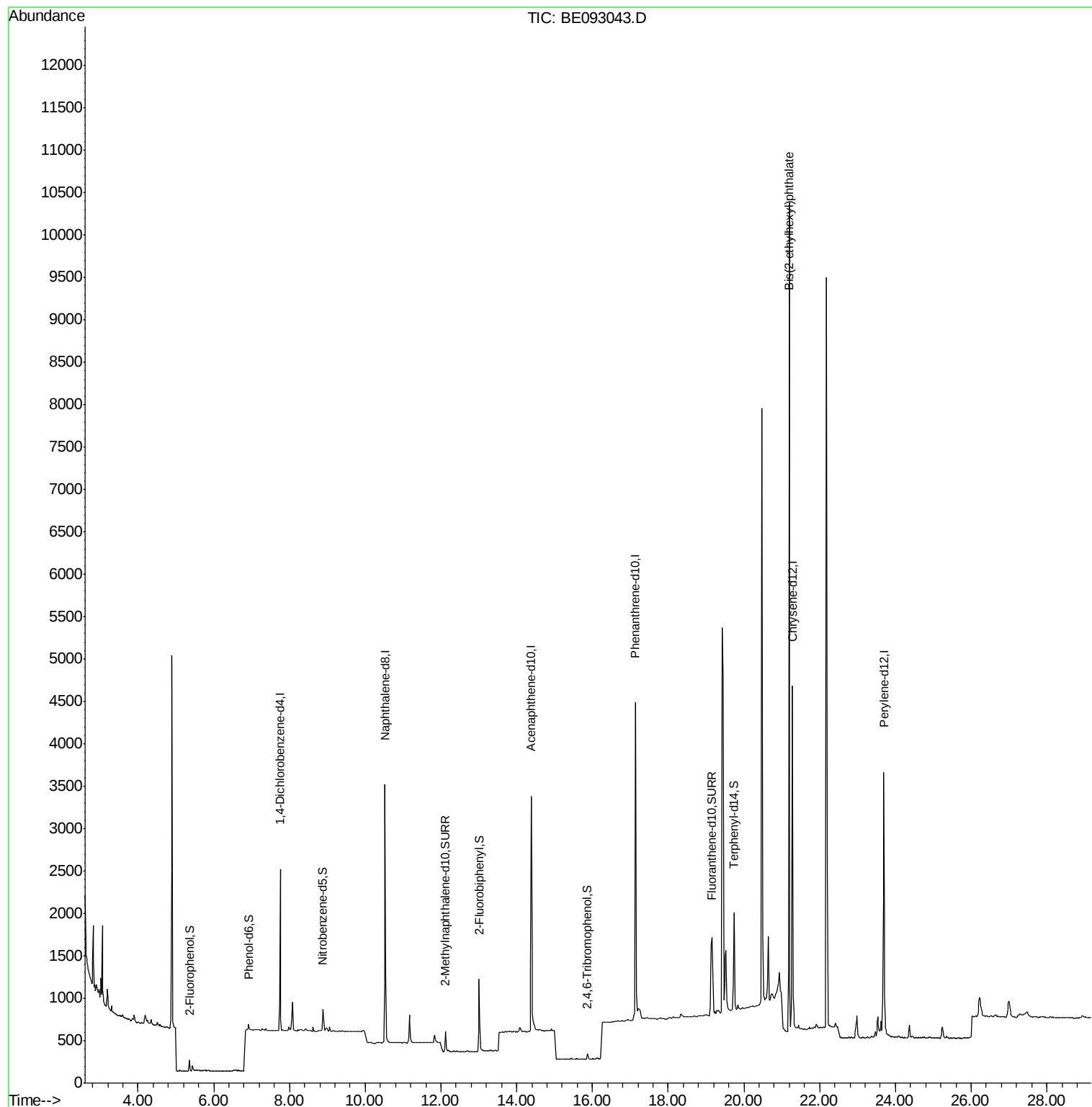
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	961	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4091	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1947	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5790	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5668	0.40	ng	0.00
34) Perylene-d12	23.69	264	4914	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	98	0.03	ng	0.00
5) Phenol-d6	6.92	99	87	0.02	ng	0.00
8) Nitrobenzene-d5	8.88	82	278	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	427	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	49	0.08	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	869	0.11	ng	0.00
25) Fluoranthene-d10	19.14	212	1130	0.07	ng	0.00
29) Terphenyl-d14	19.74	244	1462	0.14	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.20	149	9041	1.06	ng	98

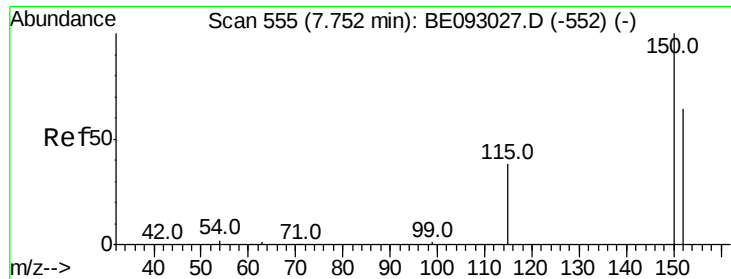
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
Data File : BE093043.D
Acq On : 15 May 2017 20:32
Operator : SJ/MA
Sample : I3058-12DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508DL

Quant Time: May 16 02:29:39 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



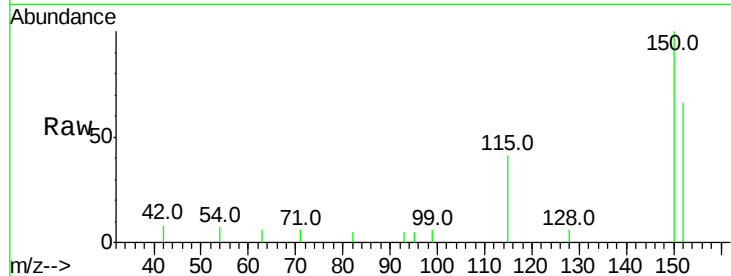


#1

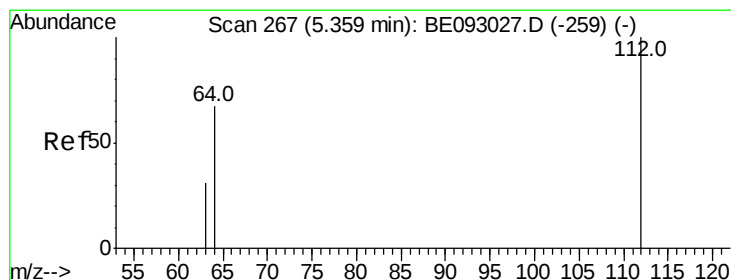
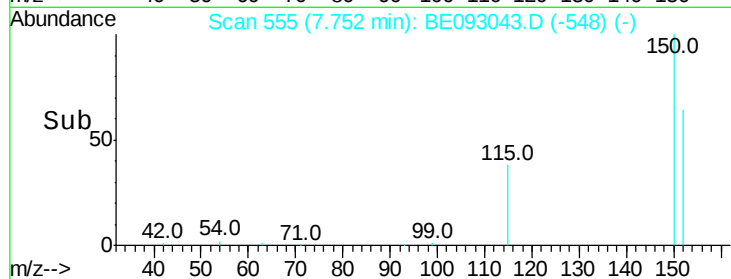
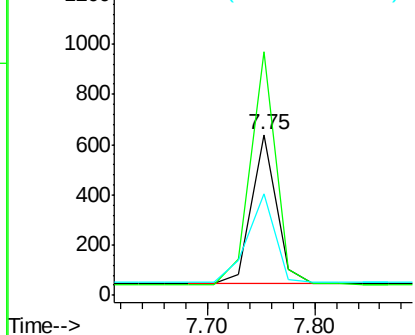
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508DL

Tot Ion:152 Resp: 961
Ion Ratio Lower Upper
152 100
150 151.6 125.1 187.7
115 62.9 55.7 83.5



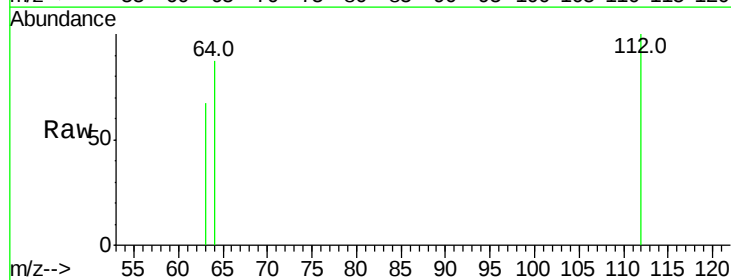
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



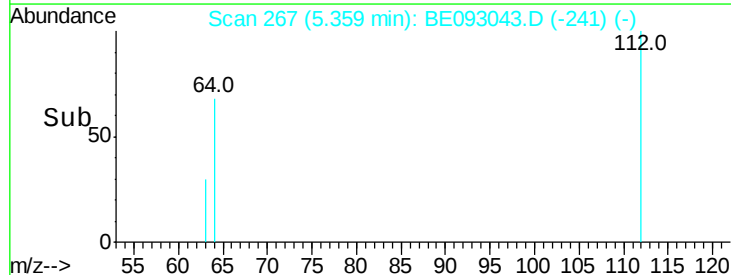
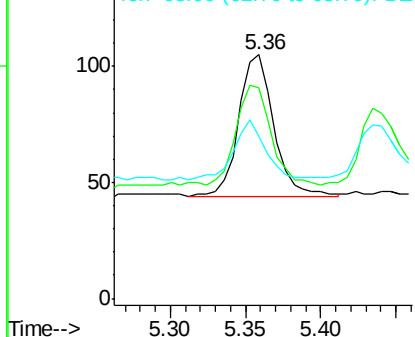
#4

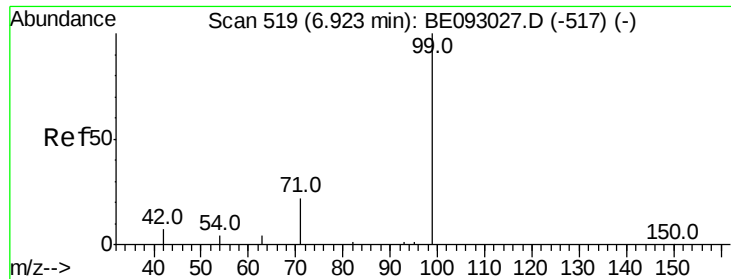
2-Fluorophenol
Concen: 0.03 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:112 Resp: 98
Ion Ratio Lower Upper
112 100
64 71.4 56.4 84.6
63 38.8 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: 0.02 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

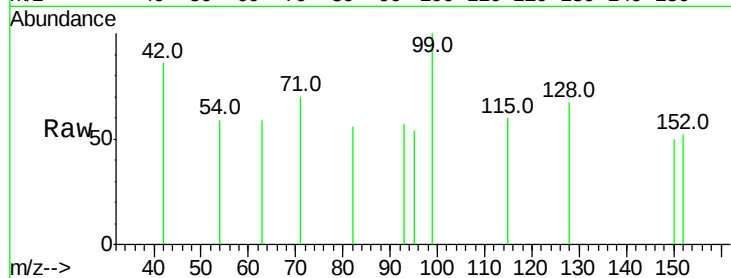
Tot Ion: 99 Resp: 87

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

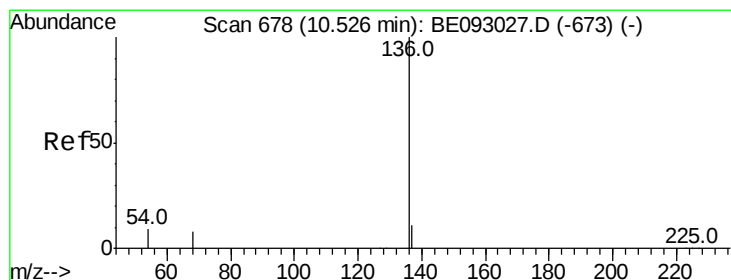
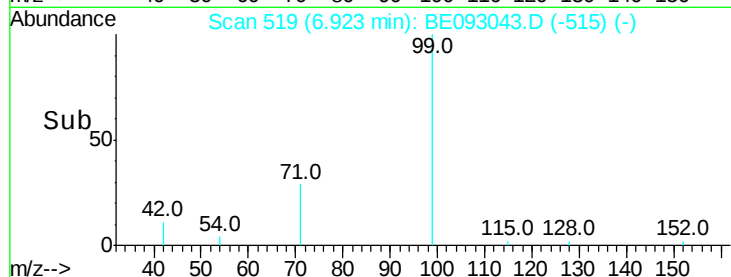
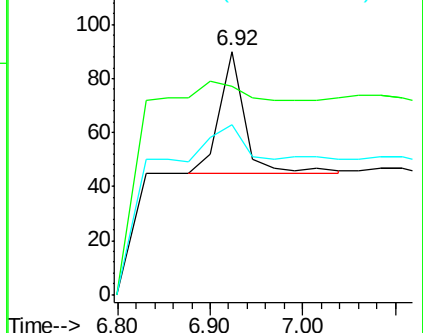
71 41.4 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Tgt Ion: 136 Resp: 4091

Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 10.0 10.3 15.5#

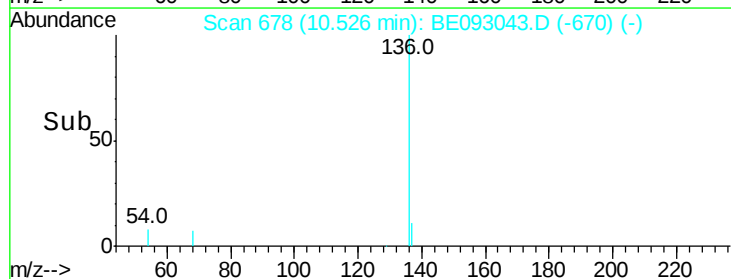
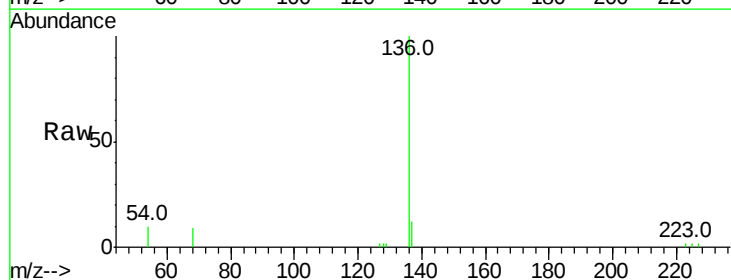
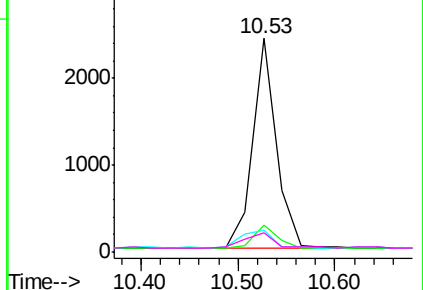
68 9.2 9.0 13.4

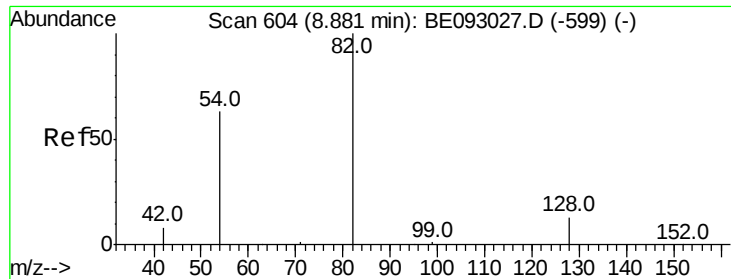
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.08 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

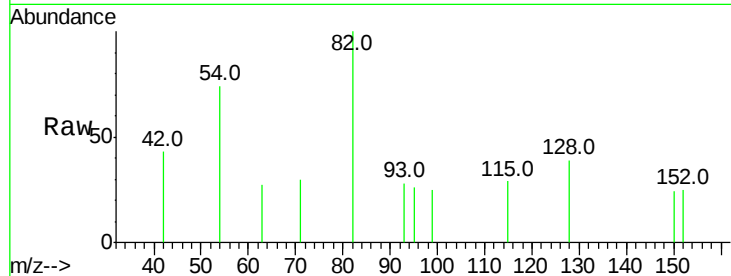
Tot Ion: 82 Resp: 278

Ion Ratio Lower Upper

82 100

128 39.5 17.0 25.4#

54 74.1 53.8 80.6



Abundance Ion 82.00 (81.70 to 82.70): BE093027.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE093027.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE093027.D (-599) (-)

Time-->

8.88

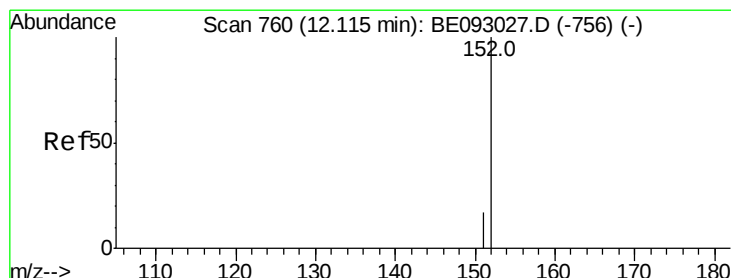
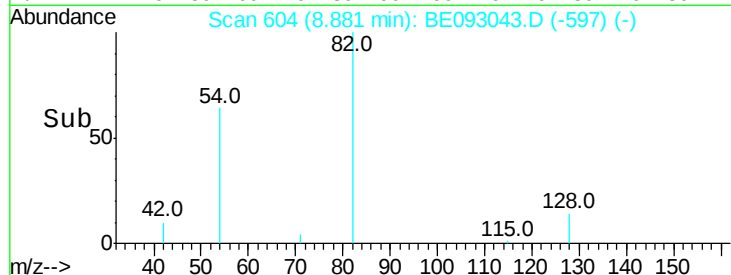
150

100

50

0

8.80 8.90



#11

2-Methylnaphthalene-d10

Concen: 0.07 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093043.D

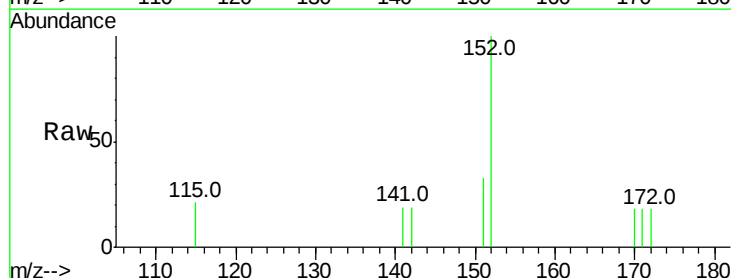
Acq: 15 May 2017 20:32

Tgt Ion: 152 Resp: 427

Ion Ratio Lower Upper

152 100

151 18.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093027.D (-756) (-)

Ion 151.00 (150.70 to 151.70): BE093027.D (-756) (-)

Time-->

12.11

250

200

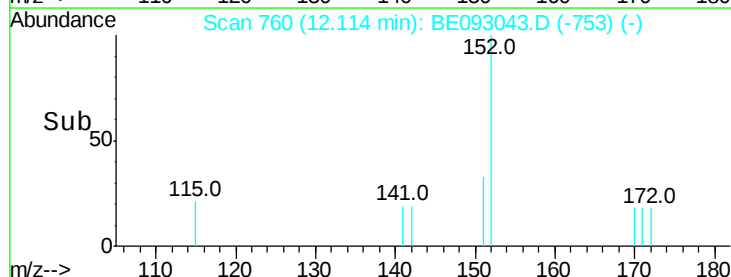
150

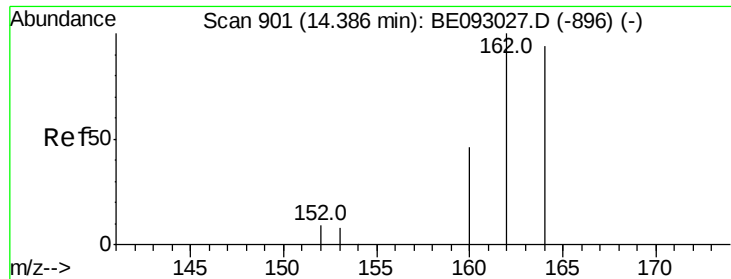
100

50

0

12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

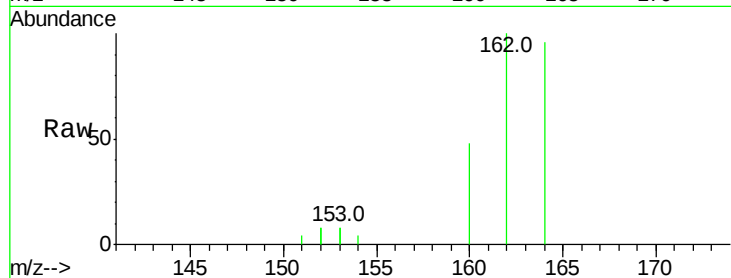
Tot Ion:164 Resp: 1947

Ion Ratio Lower Upper

164 100

162 103.9 84.6 127.0

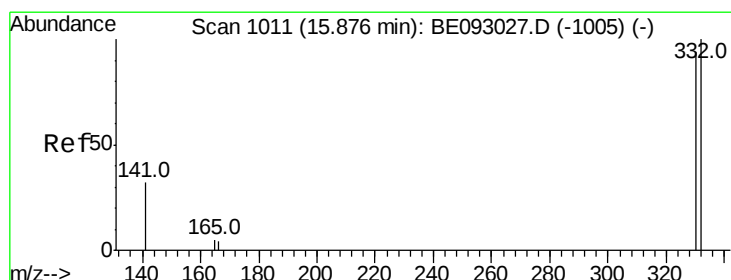
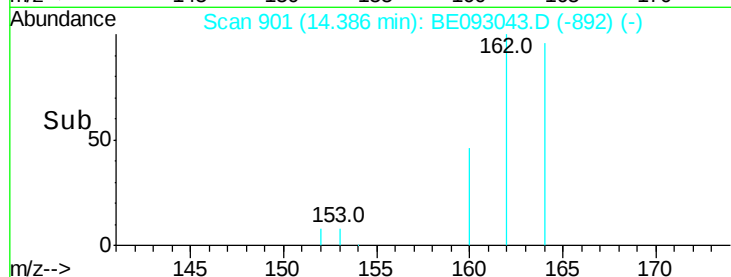
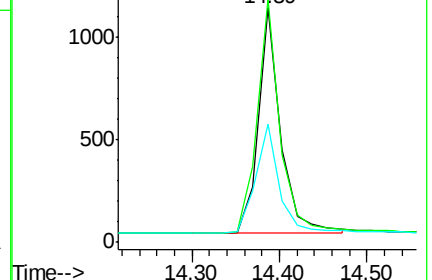
160 50.2 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.08 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

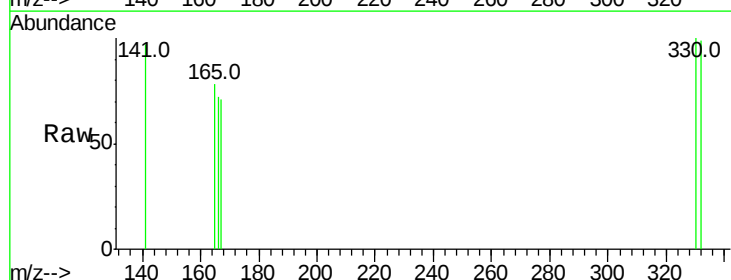
Tgt Ion:330 Resp: 49

Ion Ratio Lower Upper

330 100

332 100.0 77.7 116.5

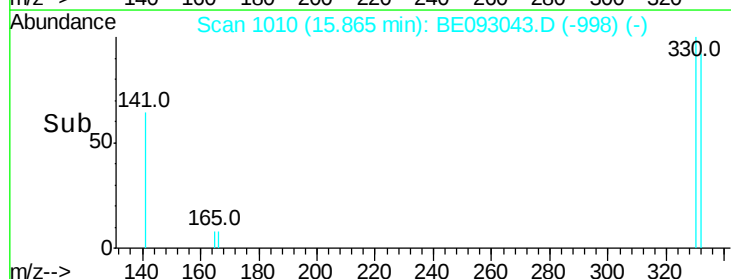
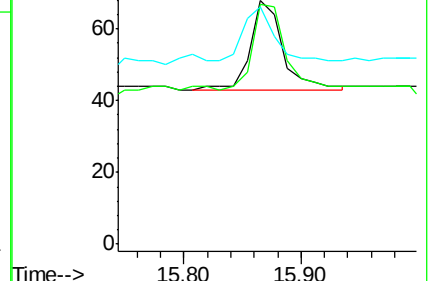
141 63.3 56.2 84.4

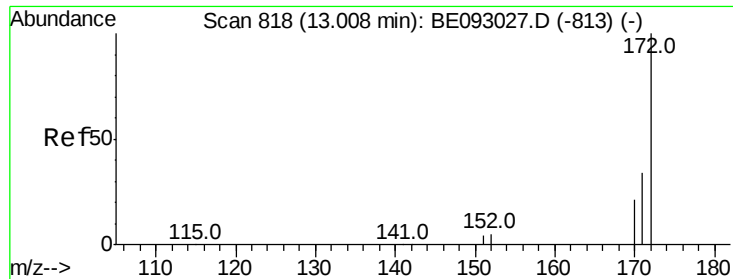


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

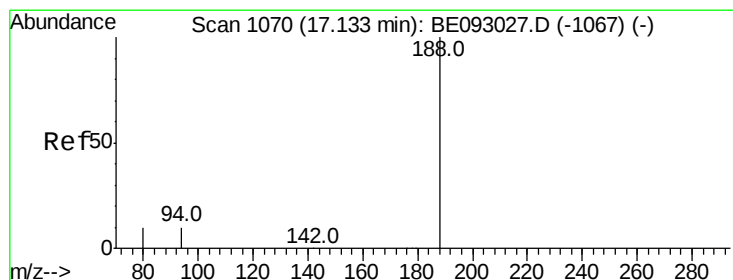
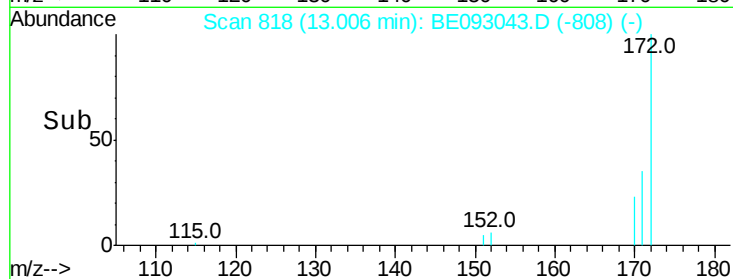
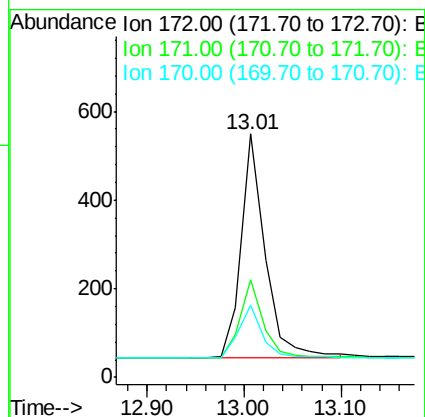
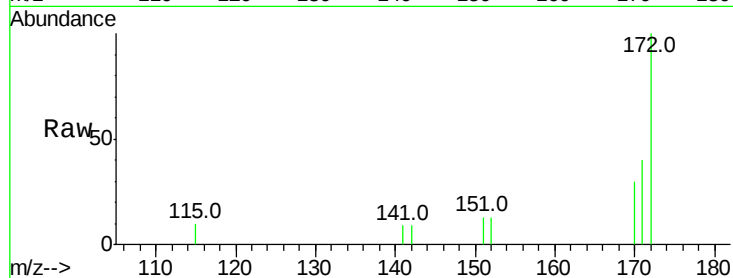




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

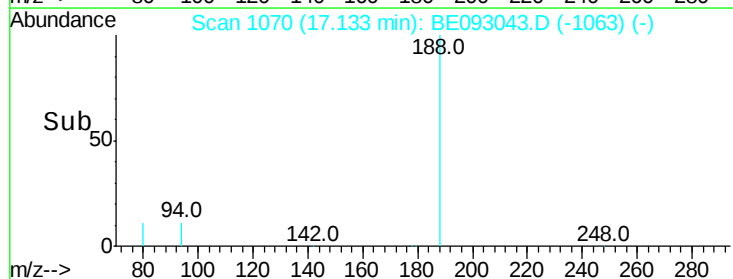
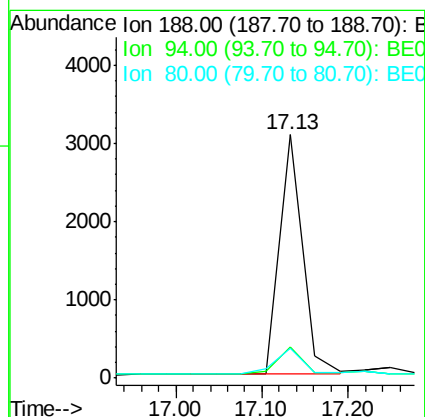
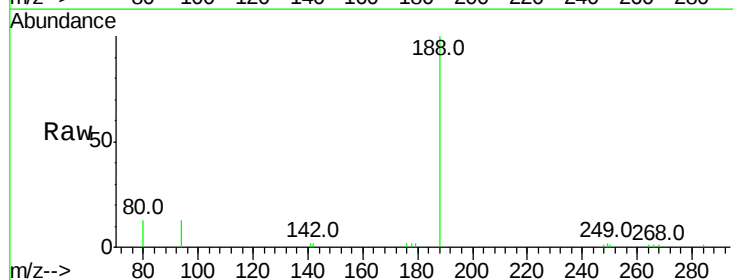
Instrument :
BNA_E
ClientSampleId :
LF017MW004-170508DL

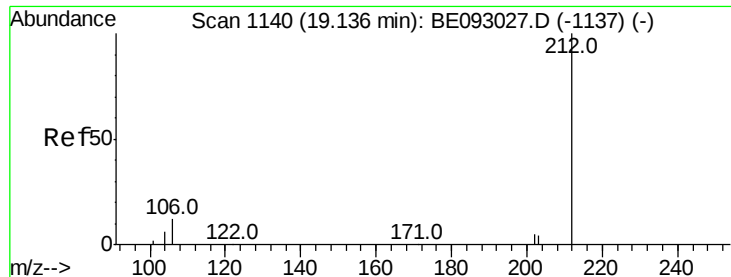
Tot Ion:172 Resp: 869
Ion Ratio Lower Upper
172 100
171 40.1 29.8 44.6
170 29.5 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:188 Resp: 5790
Ion Ratio Lower Upper
188 100
94 12.6 11.3 16.9
80 12.5 11.7 17.5





#25

Fluoranthene-d10

Concen: 0.07 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

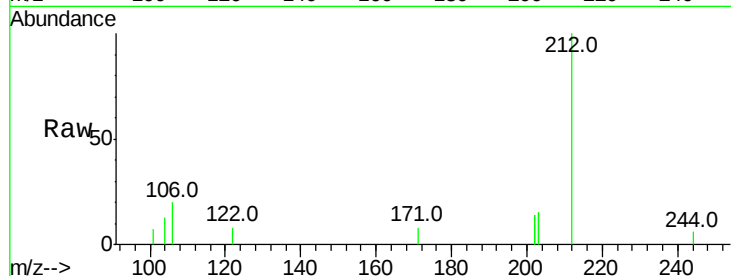
Tot Ion:212 Resp: 1130

Ion Ratio Lower Upper

212 100

106 16.3 0.0 0.0#

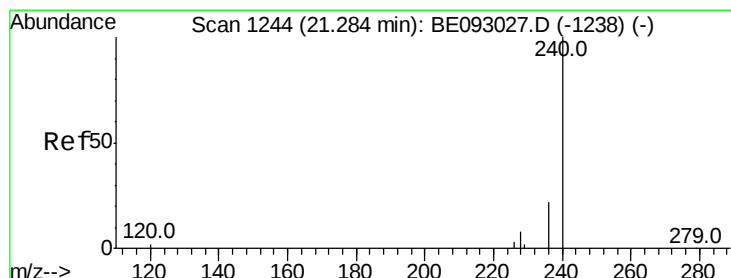
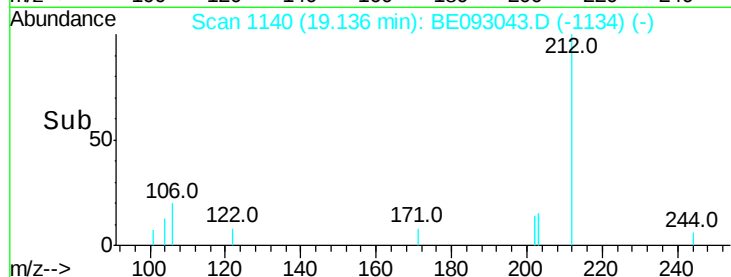
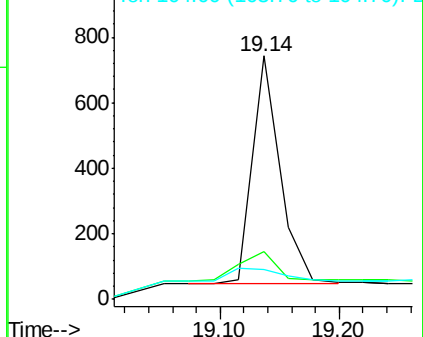
104 0.0 0.0 0.0



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



#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

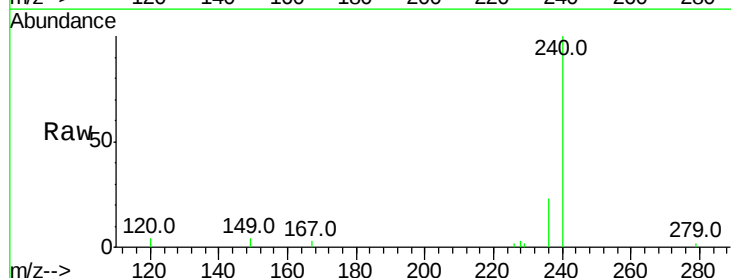
Tgt Ion:240 Resp: 5668

Ion Ratio Lower Upper

240 100

120 4.1 4.6 7.0#

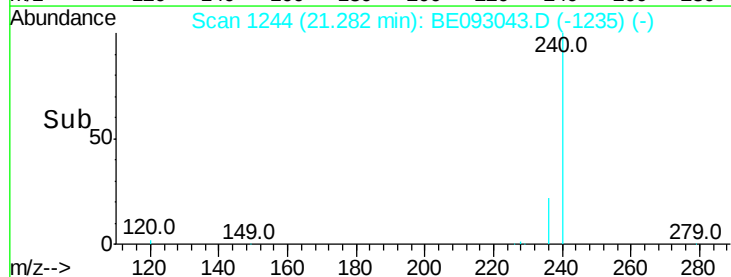
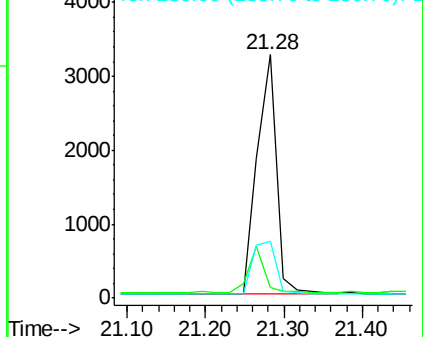
236 23.1 20.8 31.2

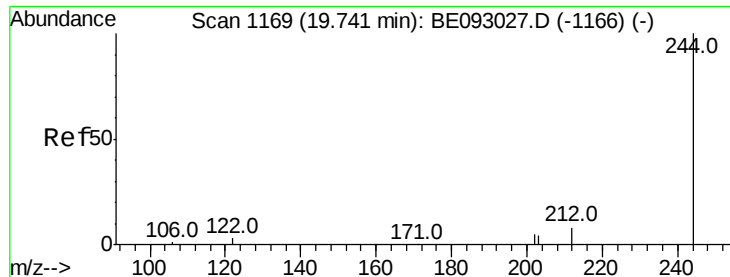


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.14 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

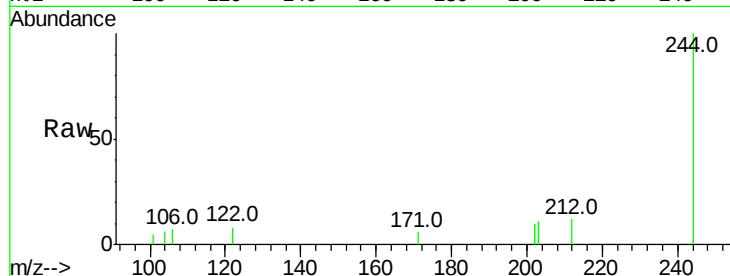
Tot Ion:244 Resp: 1462

Ion Ratio Lower Upper

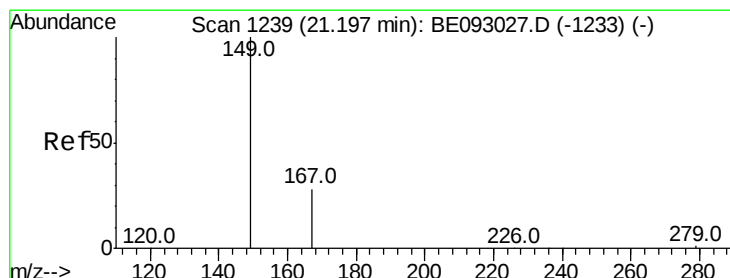
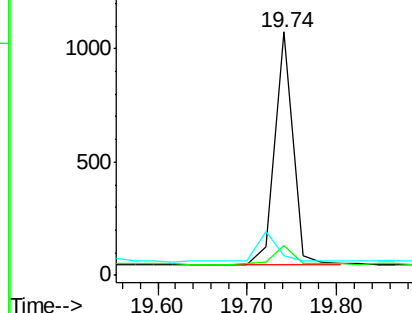
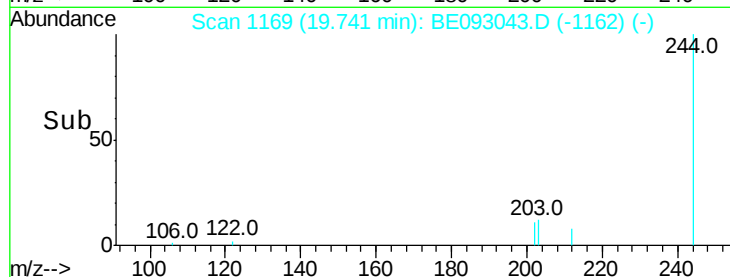
244 100

212 12.1 10.6 16.0

122 8.2 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: 1.06 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

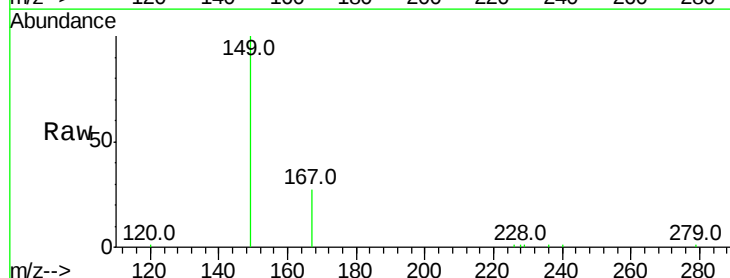
Tgt Ion:149 Resp: 9041

Ion Ratio Lower Upper

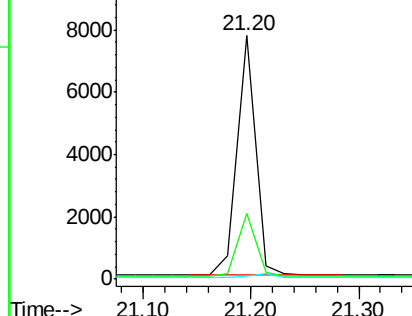
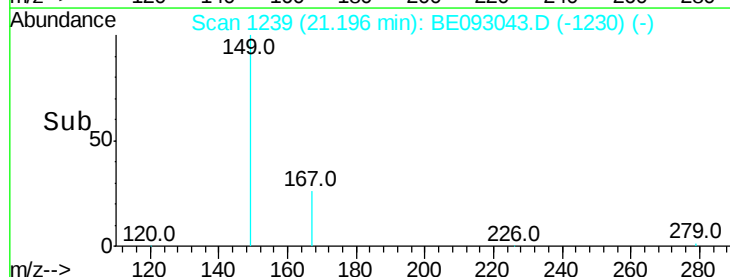
149 100

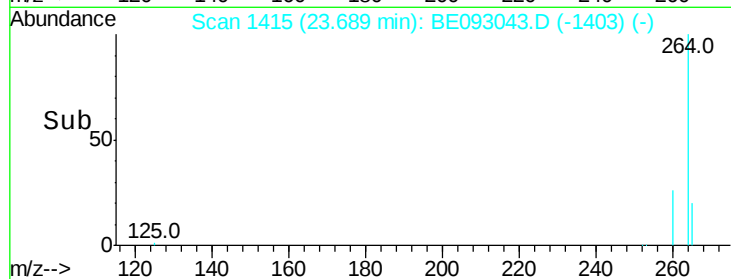
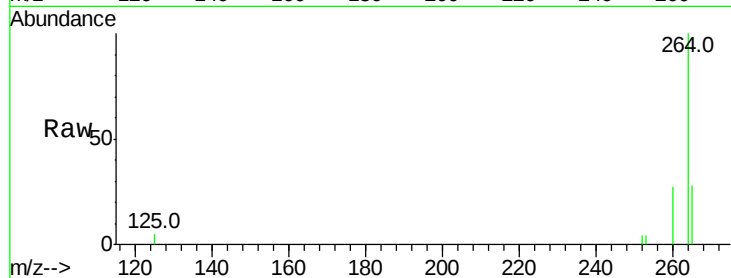
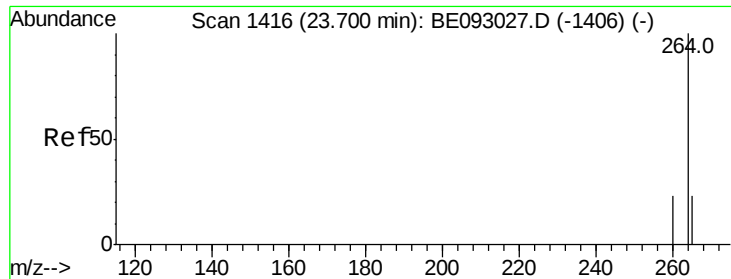
167 26.0 20.1 30.1

279 2.3 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

Pervlene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

LF017MW004-170508DL

Tot Ion: 264 Resp: 4914

Ion Ratio Lower Upper

264 100

260 27.4 21.0 31.4

265 28.2 24.6 36.8

