

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093038.D
 Acq On : 15 May 2017 17:27
 Operator : SJ/MA
 Sample : I3079-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-170509

Quant Time: May 16 02:05:13 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

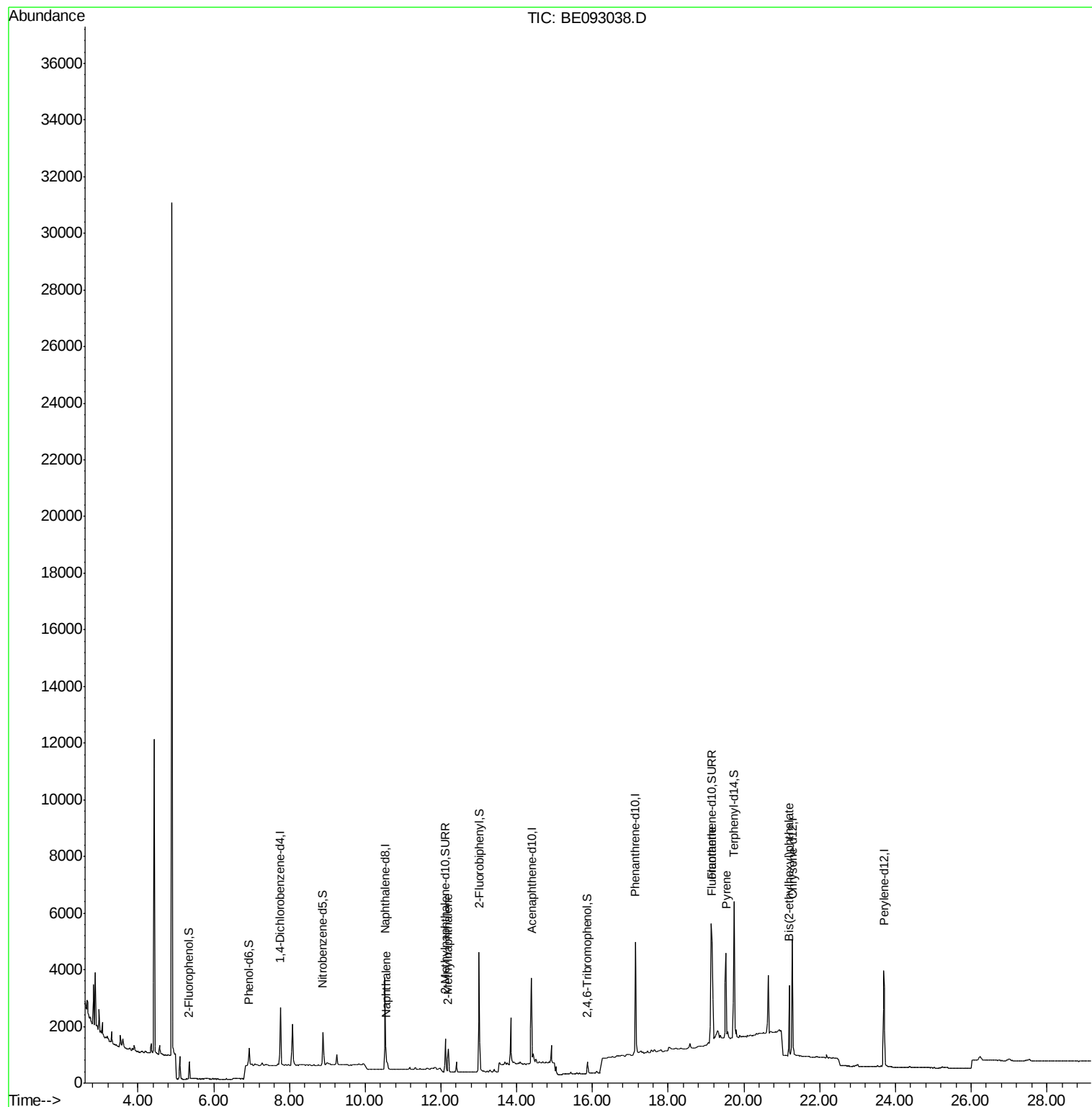
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1031	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4267	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2105	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6304	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6141	0.40	ng	0.00
34) Perylene-d12	23.69	264	5202	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	457	0.14	ng	0.00
5) Phenol-d6	6.92	99	376	0.09	ng	0.00
8) Nitrobenzene-d5	8.88	82	1148	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1891	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	279	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4102	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	5471	0.33	ng	0.00
29) Terphenyl-d14	19.74	244	6090	0.53	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.56	128	444	0.04	ng	# 61
12) 2-Methylnaphthalene	12.19	142	626	0.09	ng	96
26) Fluoranthene	19.16	202	4711	0.06	ng	# 59
28) Pyrene	19.53	202	5131	0.07	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.20	149	2336	0.30	ng	98

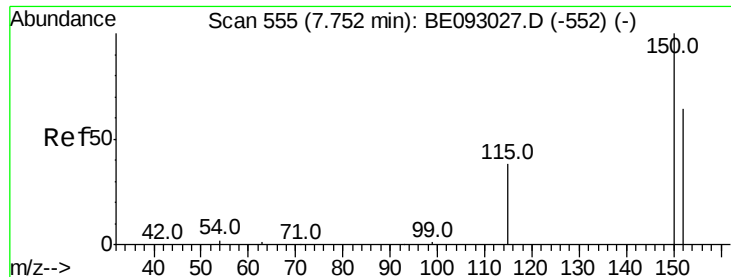
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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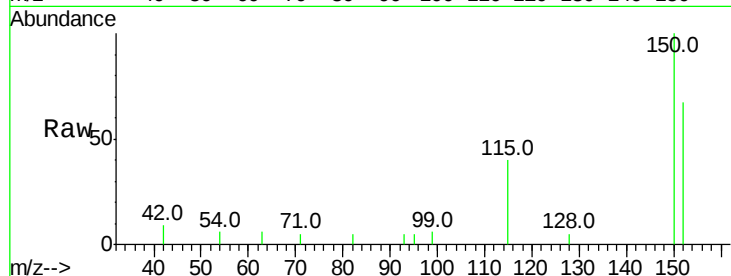


#1

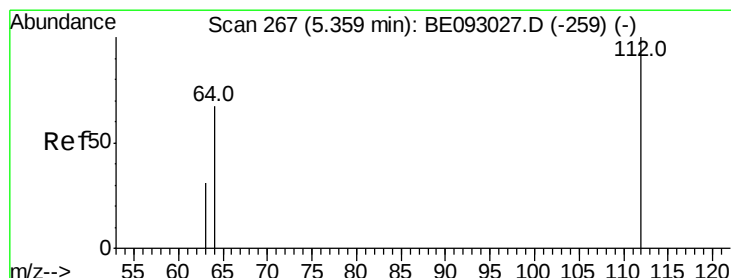
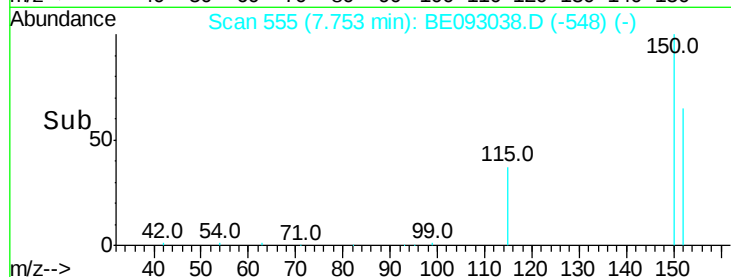
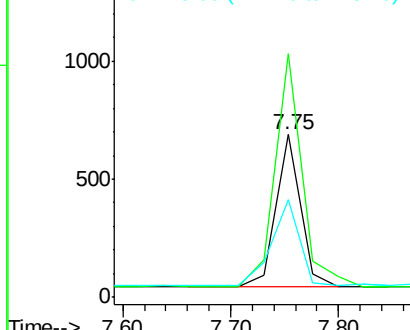
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Instrument :
BNA_E
ClientSampleId :
LF017MW005-170509

Tot Ion:152 Resp: 1031
Ion Ratio Lower Upper
152 100
150 149.6 125.1 187.7
115 59.9 55.7 83.5



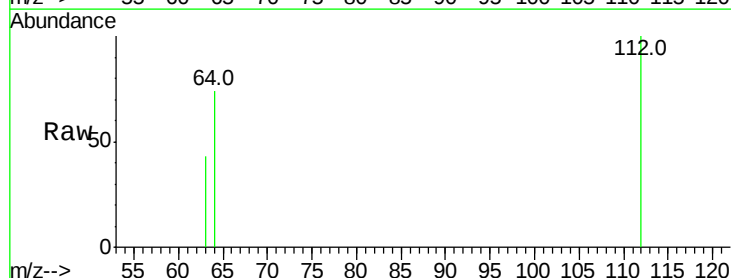
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



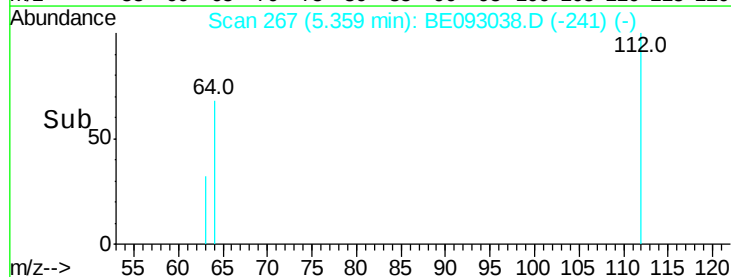
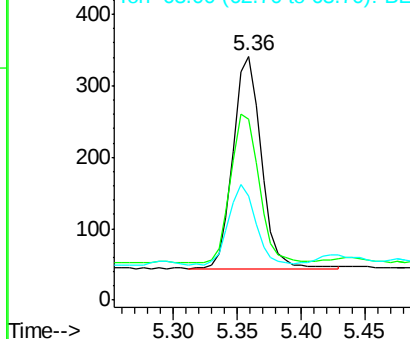
#4

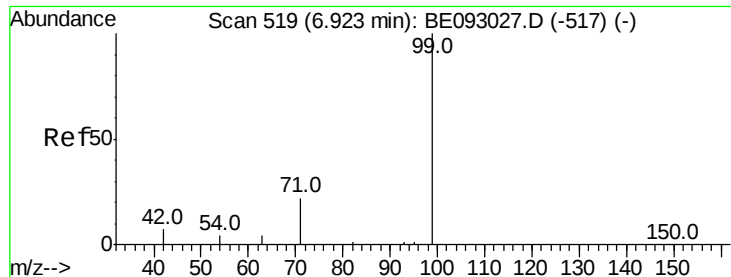
2-Fluorophenol
Concen: 0.14 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:112 Resp: 457
Ion Ratio Lower Upper
112 100
64 70.0 56.4 84.6
63 35.4 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: 0.09 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

LF017MW005-170509

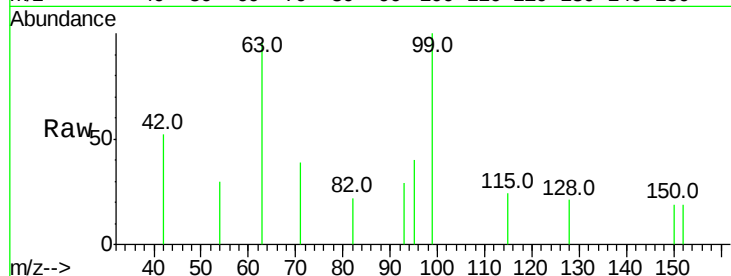
Tot Ion: 99 Resp: 376

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

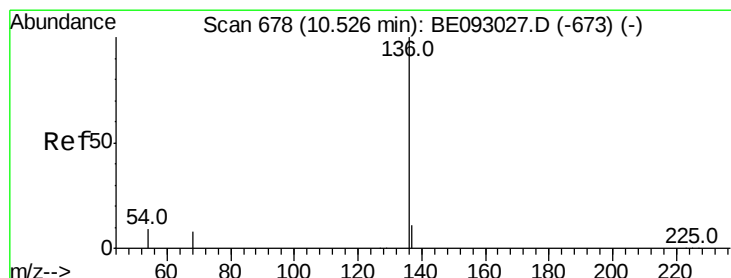
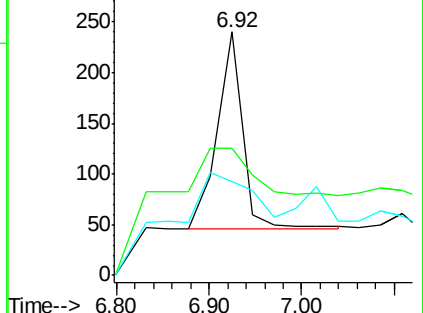
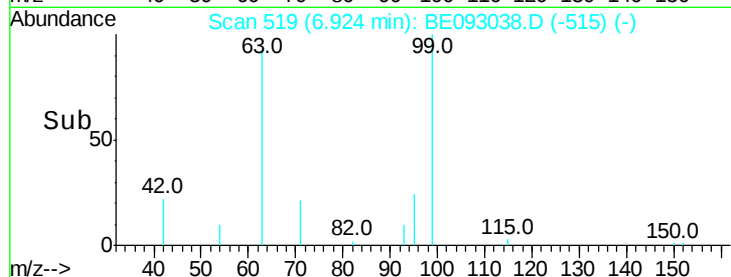
71 0.0 0.0 0.0



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Tgt Ion: 136 Resp: 4267

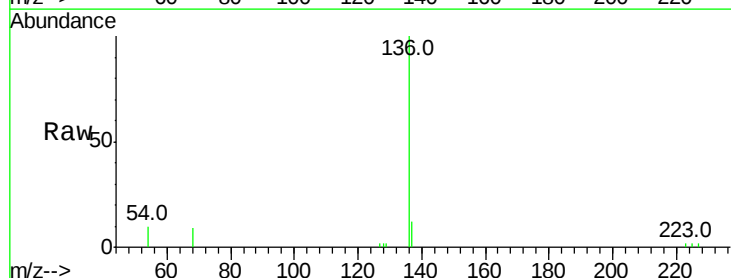
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 10.3 10.3 15.5#

68 9.5 9.0 13.4

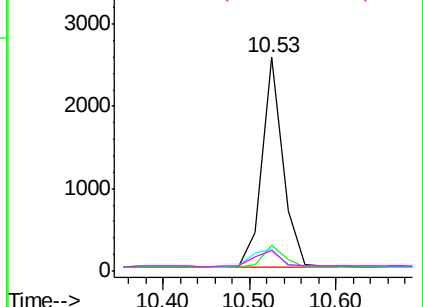
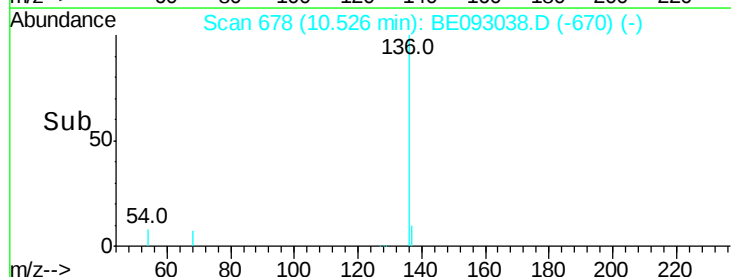


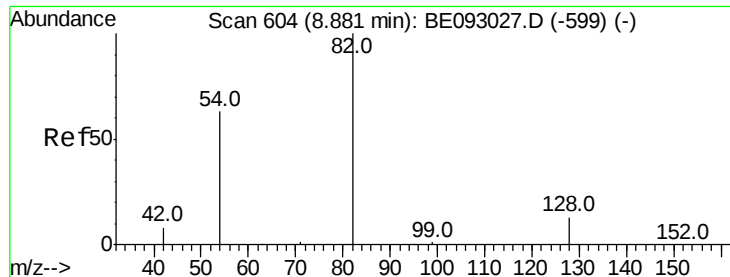
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.31 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

LF017MW005-170509

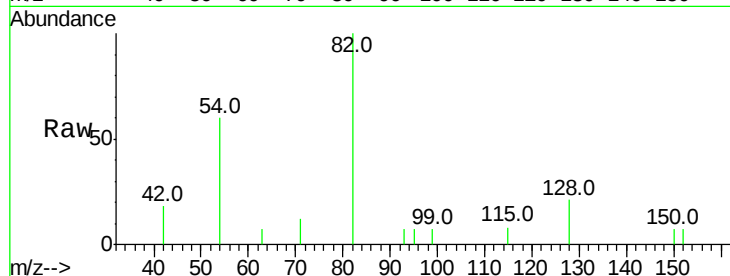
Tot Ion: 82 Resp: 1148

Ion Ratio Lower Upper

82 100

128 20.6 17.0 25.4

54 59.7 53.8 80.6



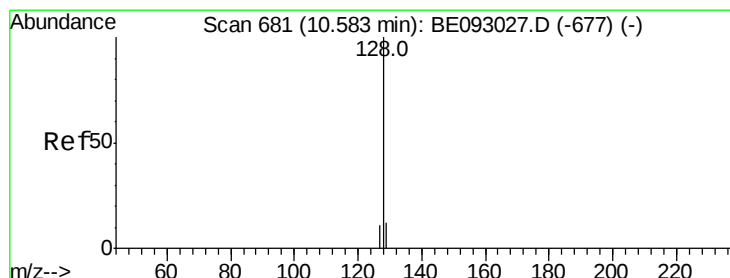
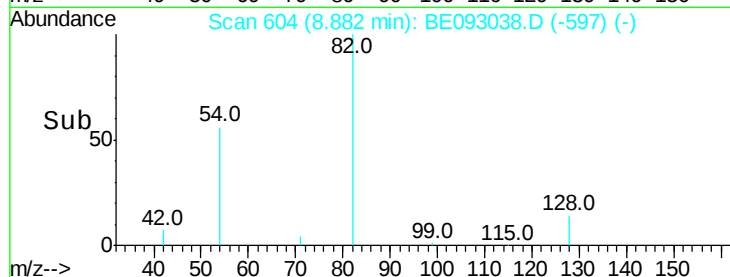
Abundance Ion 82.00 (81.70 to 82.70): BE093027.D (-599) (-)

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

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

8.88

Time-->



#9

Naphthalene

Concen: 0.04 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

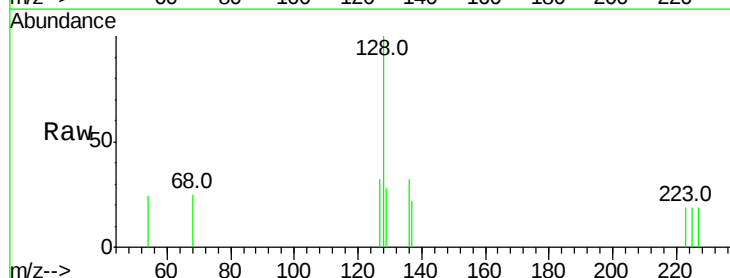
Tgt Ion: 128 Resp: 444

Ion Ratio Lower Upper

128 100

129 28.0 11.4 17.0#

127 32.2 11.2 16.8#



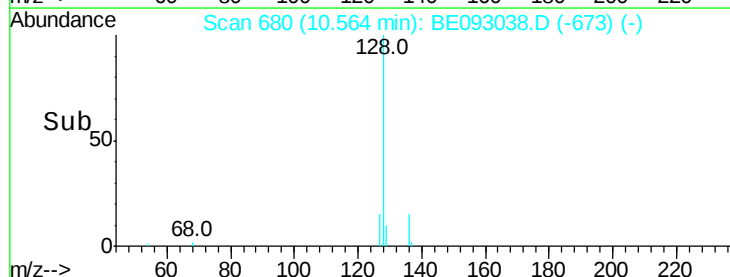
Abundance Ion 128.00 (127.70 to 128.70): BE093027.D (-677) (-)

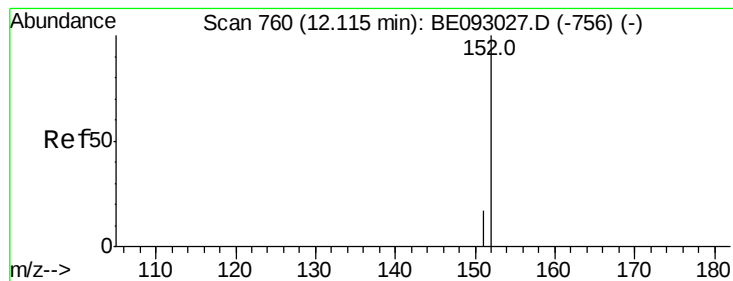
Ion 129.00 (128.70 to 129.70): BE093027.D (-677) (-)

Ion 127.00 (126.70 to 127.70): BE093027.D (-677) (-)

10.56

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.30 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

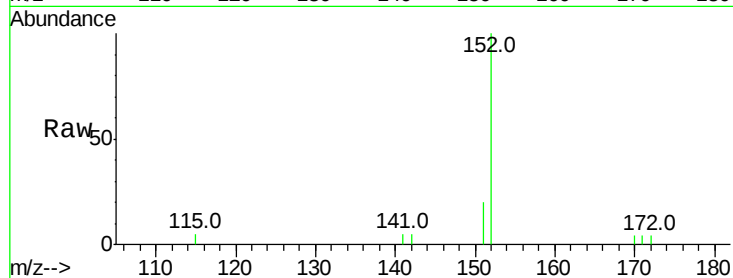
LF017MW005-170509

Tot Ion:152 Resp: 1891

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

1200

1000

800

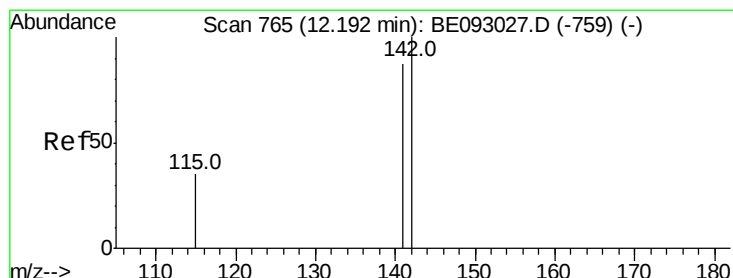
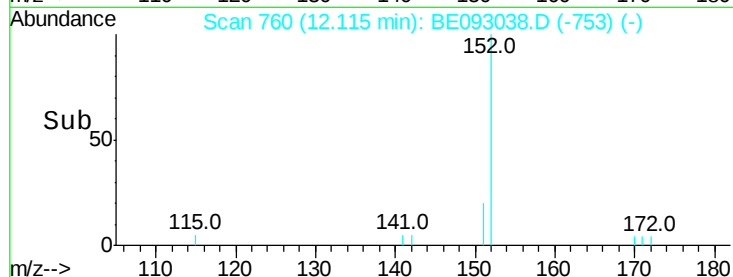
600

400

200

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.09 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

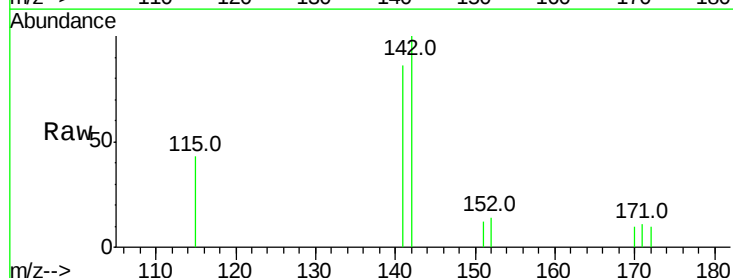
Tgt Ion:142 Resp: 626

Ion Ratio Lower Upper

142 100

141 86.5 72.6 108.8

115 42.9 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

500

400

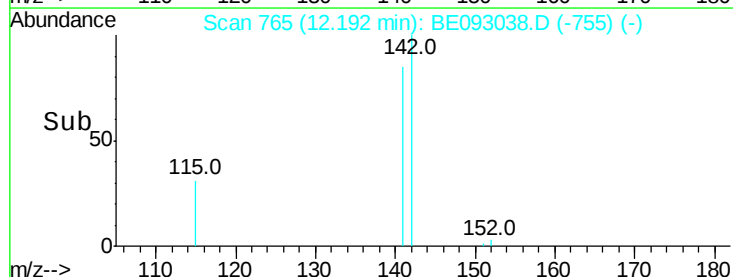
300

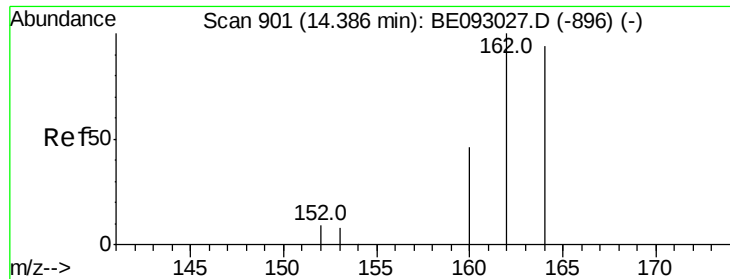
200

100

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

LF017MW005-170509

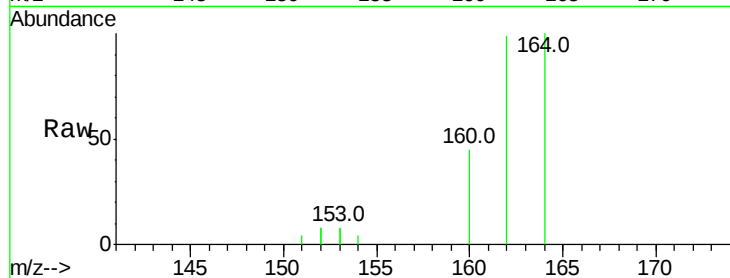
Tot Ion:164 Resp: 2105

Ion Ratio Lower Upper

164 100

162 98.8 84.6 127.0

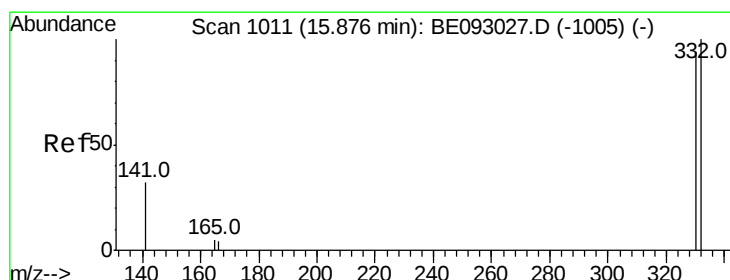
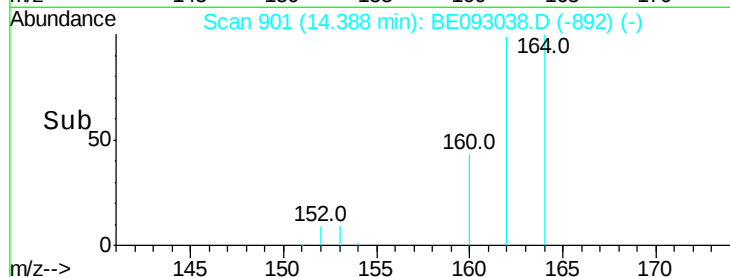
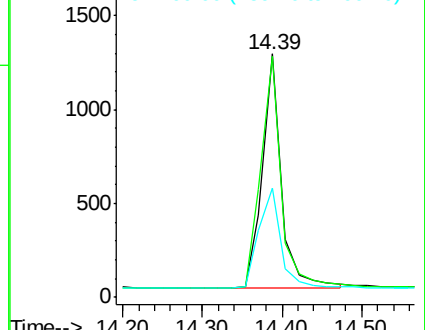
160 45.1 41.8 62.6



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: 0.45 ng

RT: 15.86 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

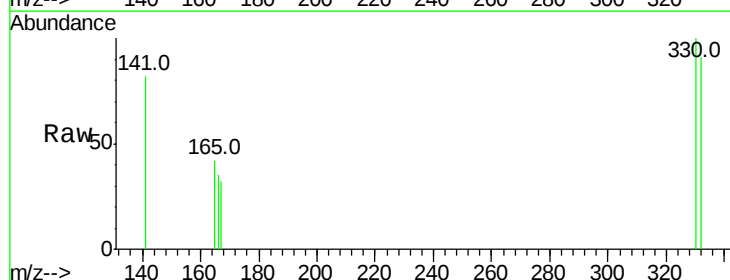
Tgt Ion:330 Resp: 279

Ion Ratio Lower Upper

330 100

332 94.3 77.7 116.5

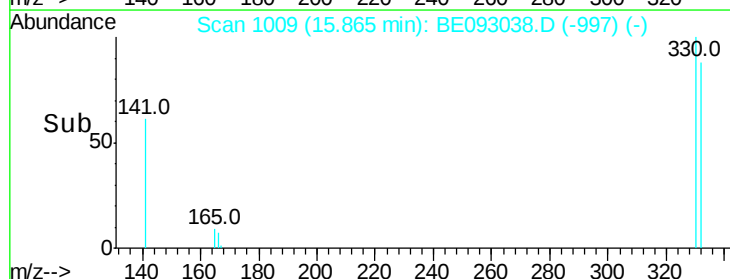
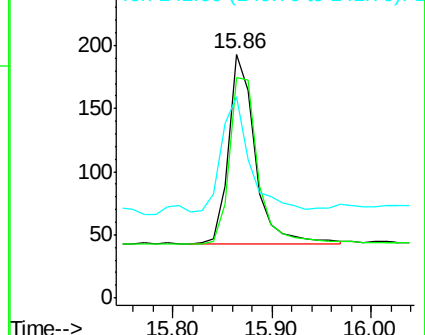
141 65.6 56.2 84.4

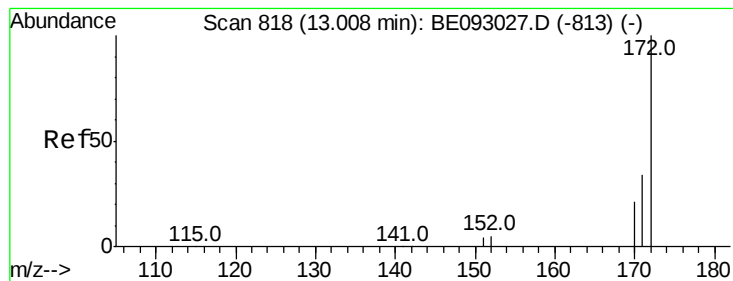


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.47 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

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ClientSampleId :

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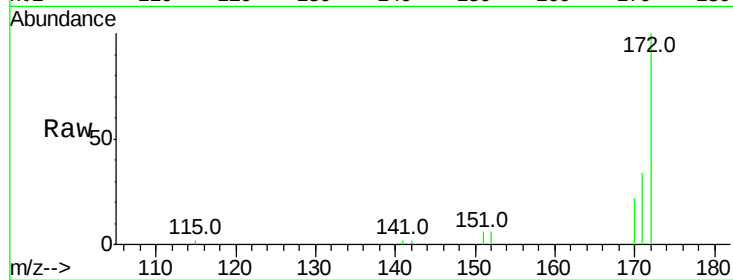
Tot Ion:172 Resp: 4102

Ion Ratio Lower Upper

172 100

171 34.3 29.8 44.6

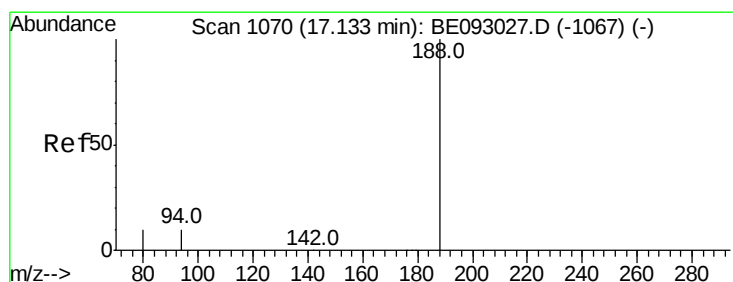
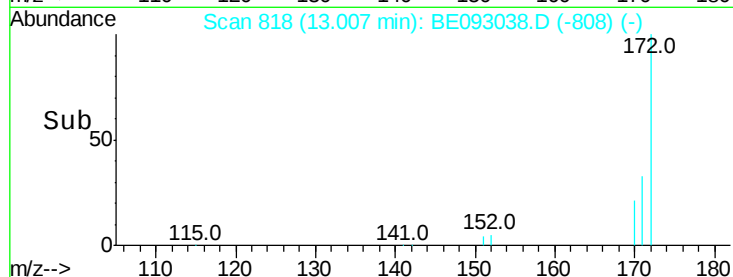
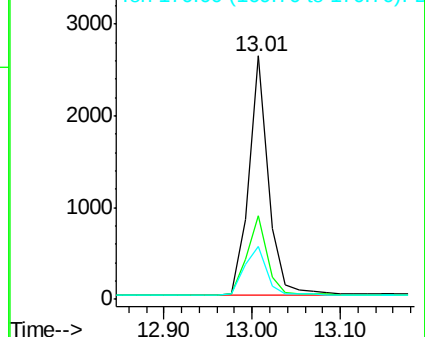
170 21.9 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

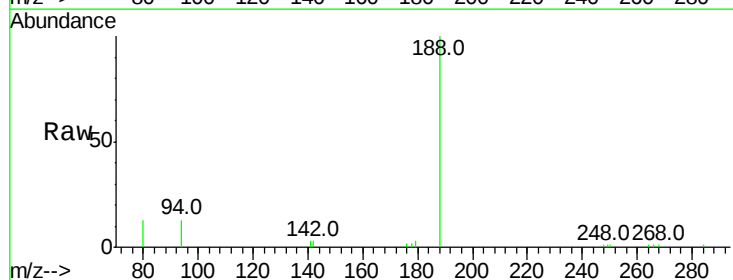
Tgt Ion:188 Resp: 6304

Ion Ratio Lower Upper

188 100

94 13.5 11.3 16.9

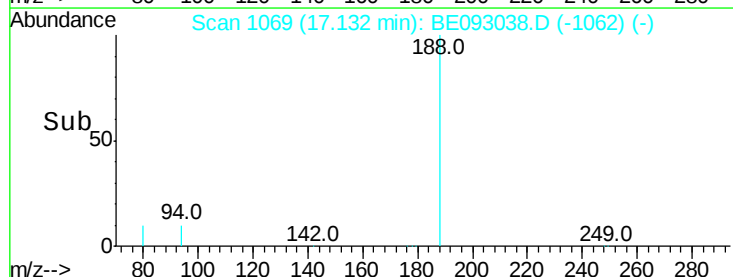
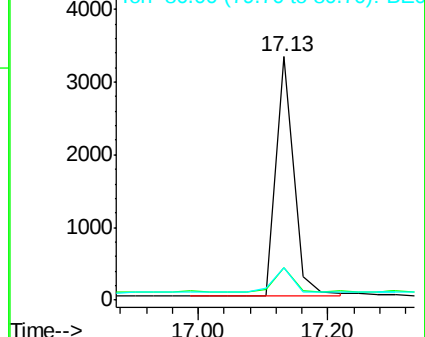
80 13.1 11.7 17.5

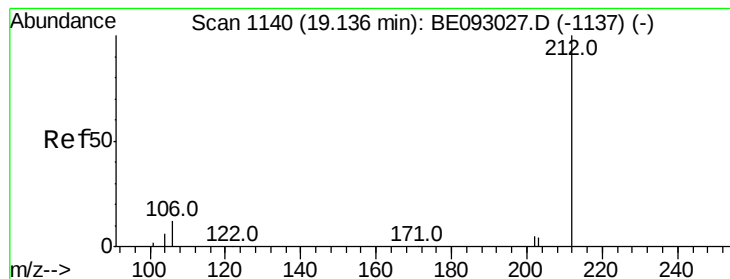


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

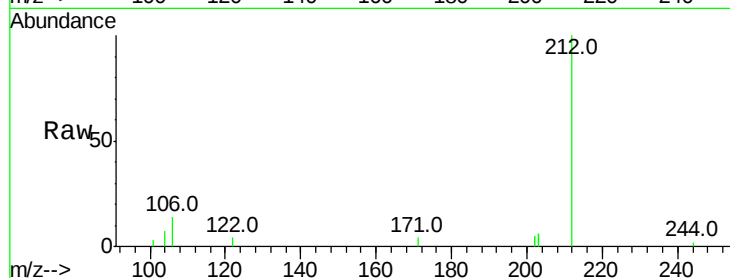
Instrument :

BNA_E

ClientSampleId :

LF017MW005-170509

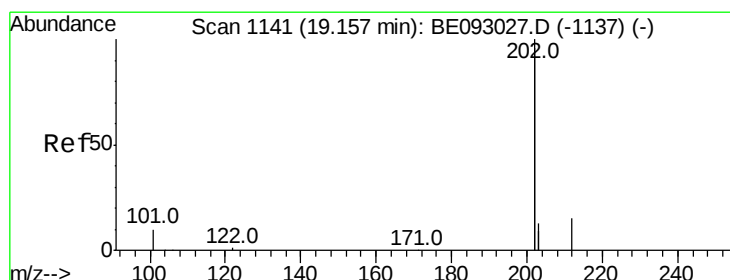
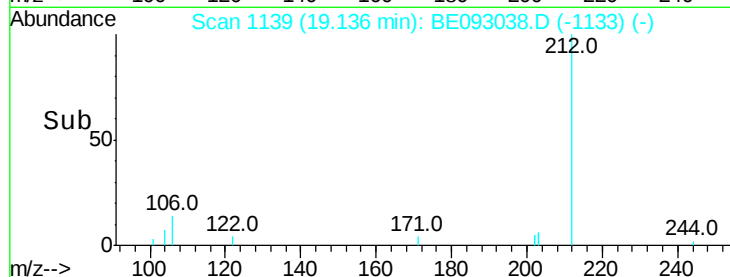
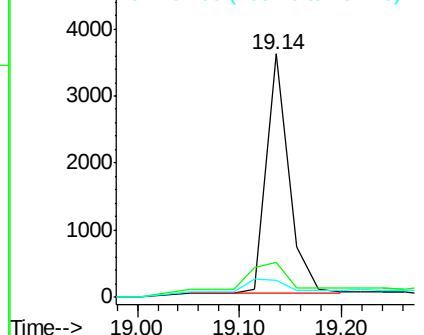
Tot Ion:212	Resp:	5471
Ion Ratio	Lower	Upper
212	100	
106	18.1	0.0 0.0#
104	0.0	0.0 0.0



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: 0.06 ng

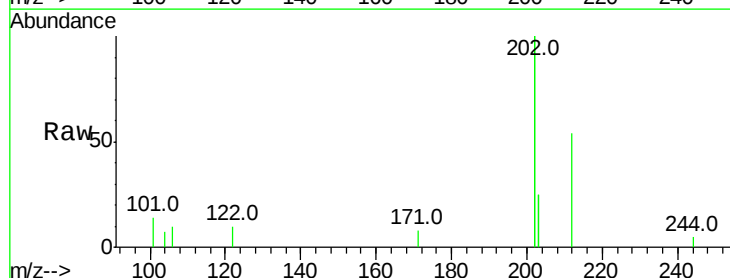
RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

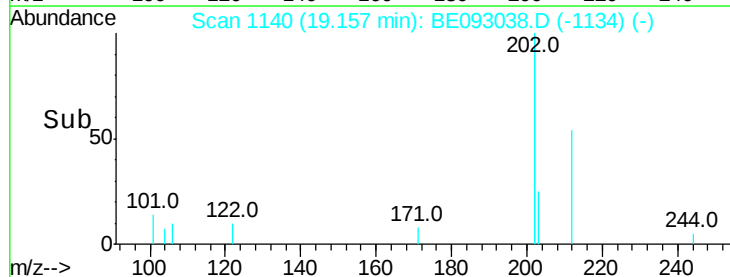
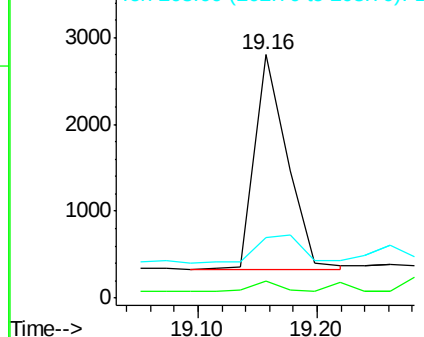
Tgt Ion:202	Resp:	4711
Ion Ratio	Lower	Upper
202	100	
101	4.7	0.0 0.0#
203	0.0	14.4 21.6#

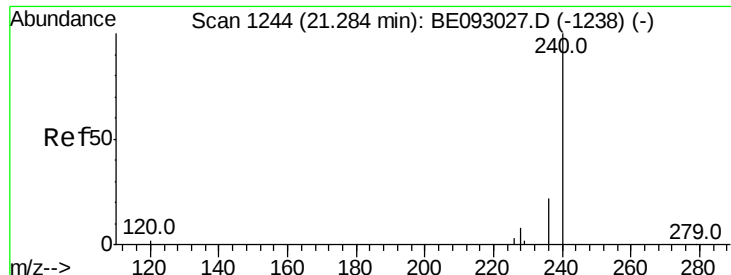


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

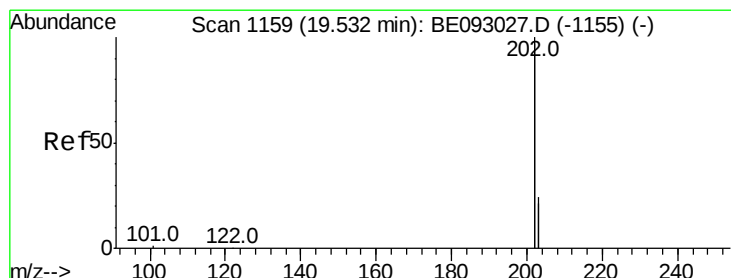
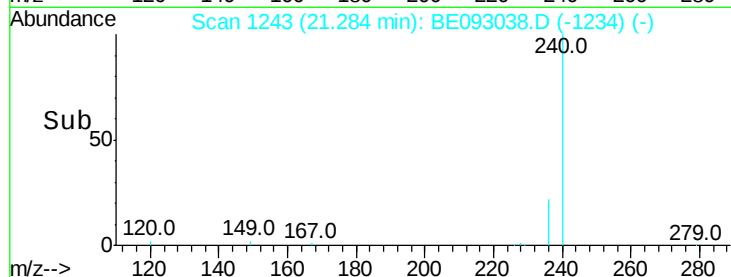
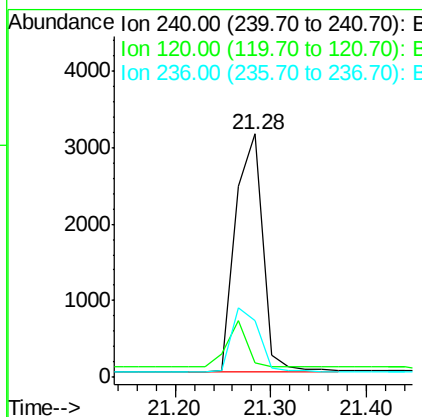
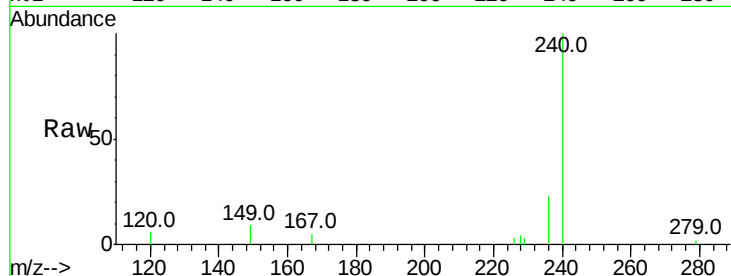




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

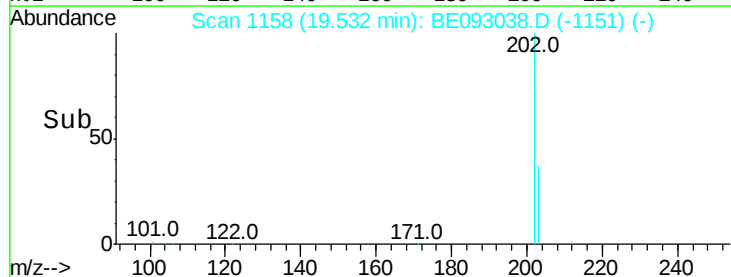
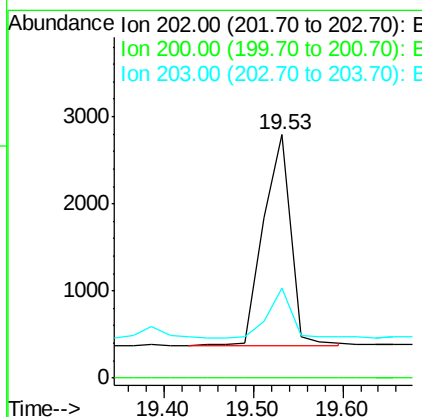
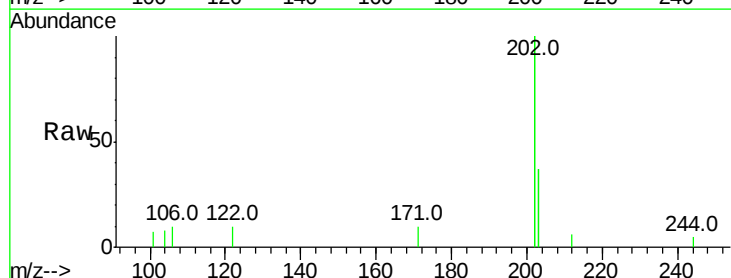
Instrument :
BNA_E
ClientSampleId :
LF017MW005-170509

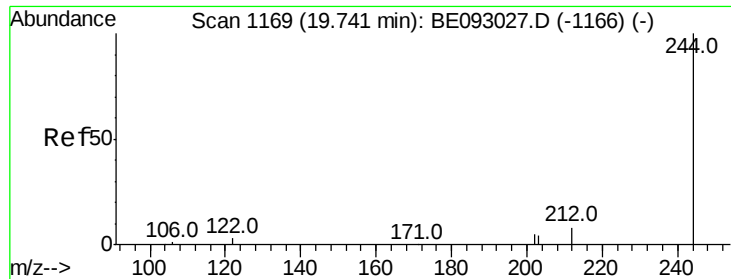
Tot Ion:240 Resp: 6141
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 23.3 20.8 31.2



#28
Pyrene
Concen: 0.07 ng
RT: 19.53 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Tgt Ion:202 Resp: 5131
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 21.2 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.53 ng

RT: 19.74 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

Instrument :

BNA_E

ClientSampleId :

LF017MW005-170509

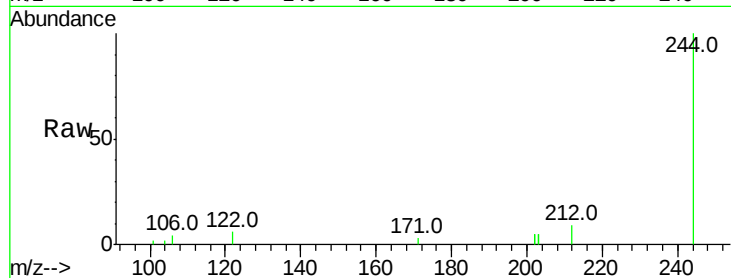
Tot Ion:244 Resp: 6090

Ion Ratio Lower Upper

244 100

212 9.1 10.6 16.0#

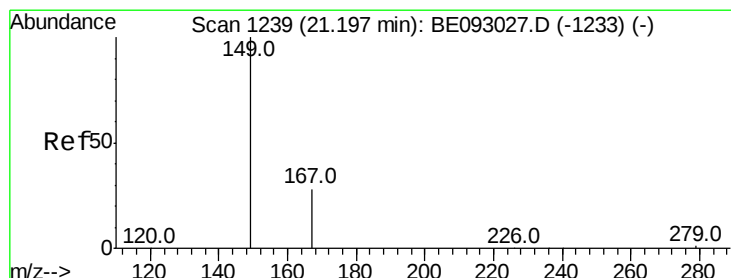
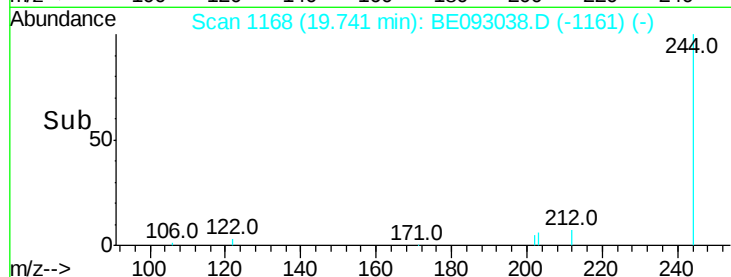
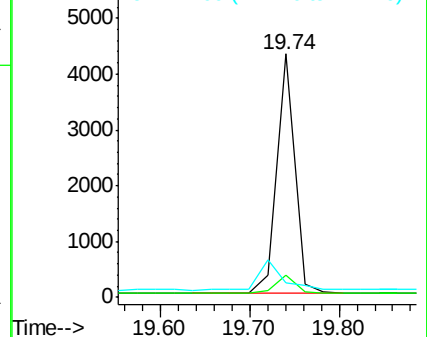
122 6.0 15.4 23.0#



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: 0.30 ng

RT: 21.20 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BE093038.D

Acq: 15 May 2017 17:27

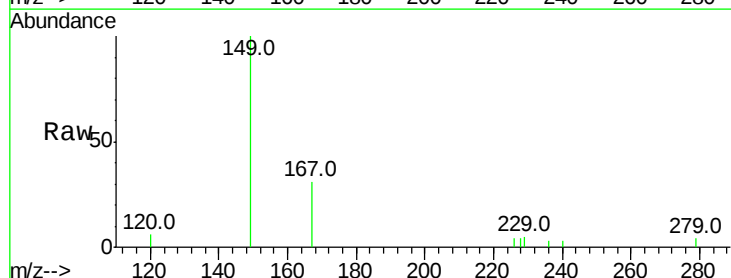
Tgt Ion:149 Resp: 2336

Ion Ratio Lower Upper

149 100

167 26.1 20.1 30.1

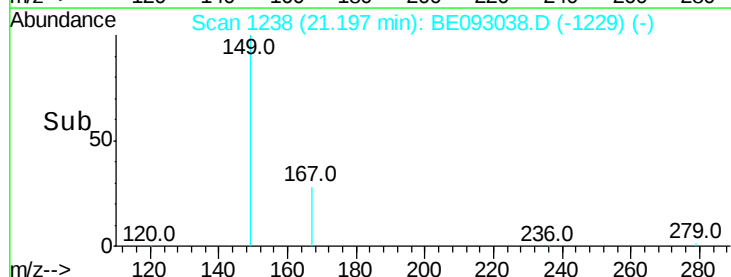
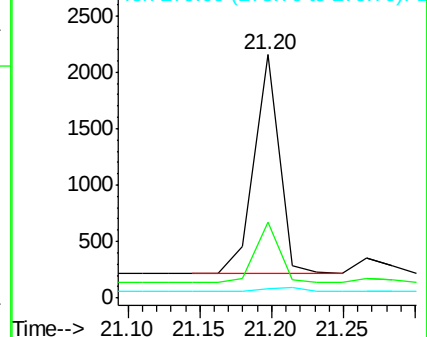
279 3.0 2.2 3.4

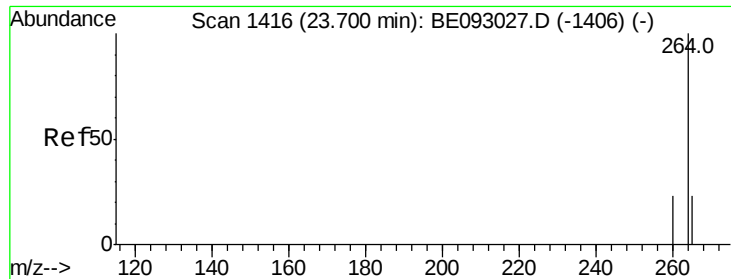


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

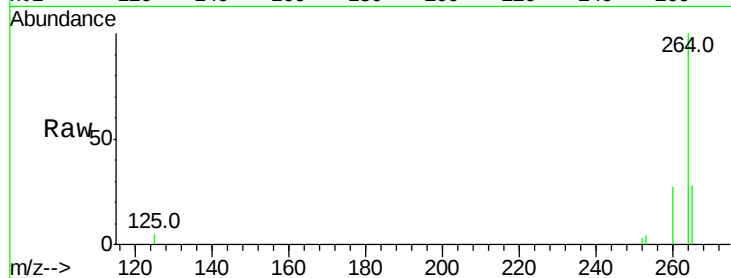




#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BE093038.D
Acq: 15 May 2017 17:27

Instrument :
BNA_E
ClientSampleId :
LF017MW005-170509

Tot Ion: 264 Resp: 5202
Ion Ratio Lower Upper
264 100
260 27.2 21.0 31.4
265 27.5 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

