

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 :
 LF017MW001-170508

Quant Time: May 12 01:41:06 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

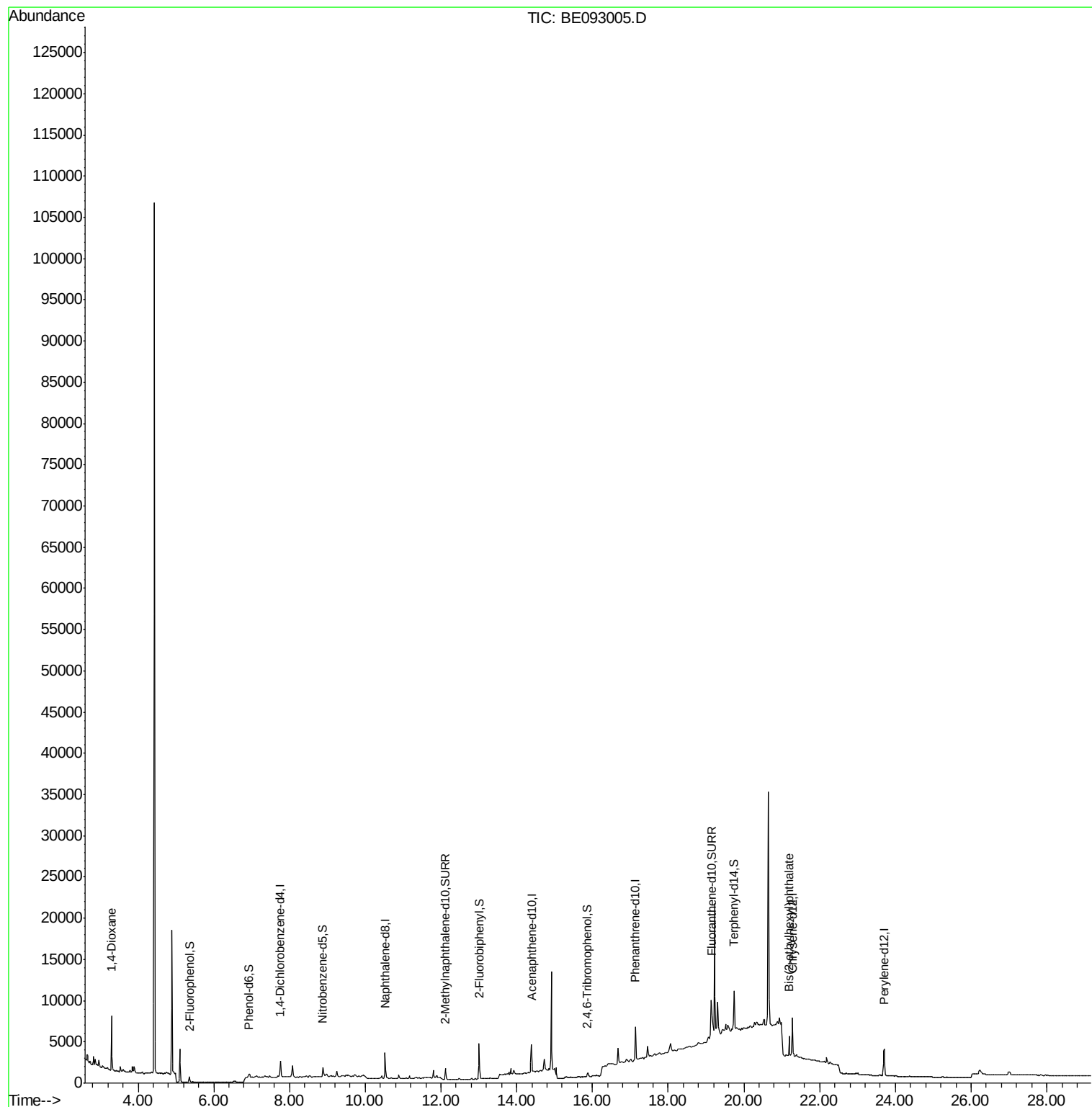
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	981	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	4166	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2242	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	6199	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5986	0.40	ng	0.00
34) Perylene-d12	23.70	264	5163	0.40	ng	0.00
System Monitoring Compounds						
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						
2) 1,4-Dioxane	3.31	88	4016	2.04	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.20	149	2348	0.42	ng	96

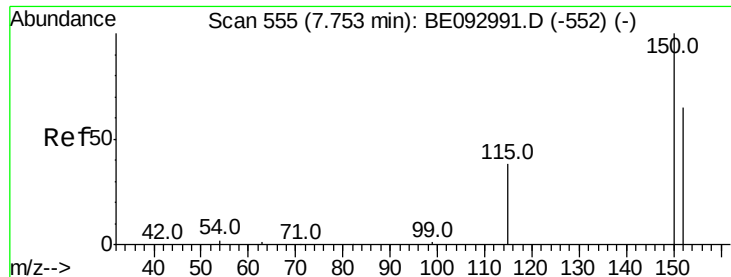
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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BNA_E

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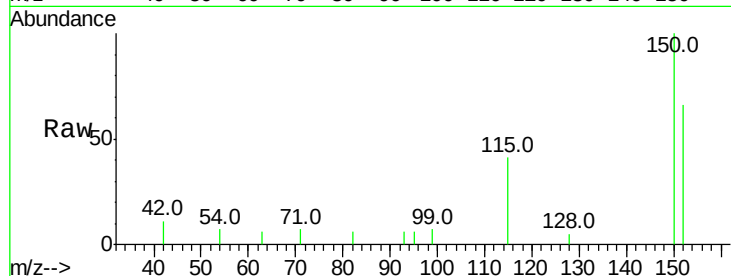
Tot Ion:152 Resp: 981

Ion Ratio Lower Upper

152 100

150 152.1 125.1 187.7

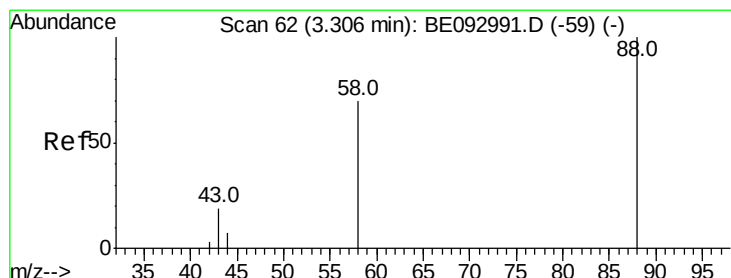
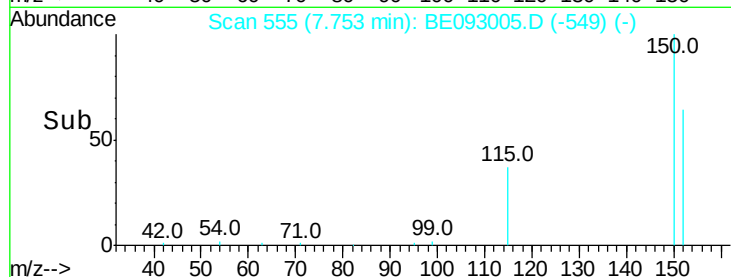
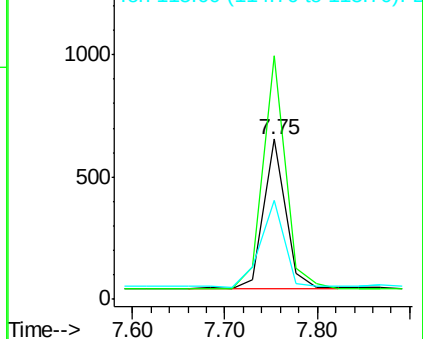
115 61.8 55.7 83.5



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

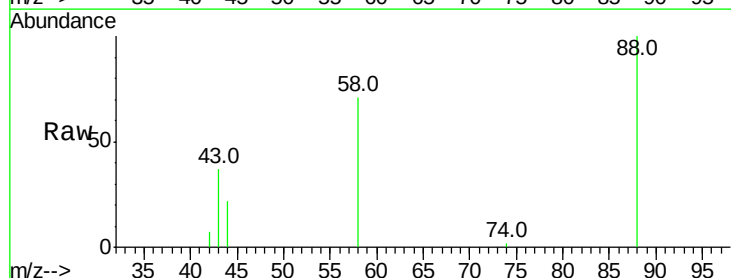
Tgt Ion: 88 Resp: 4016

Ion Ratio Lower Upper

88 100

58 82.3 62.2 93.4

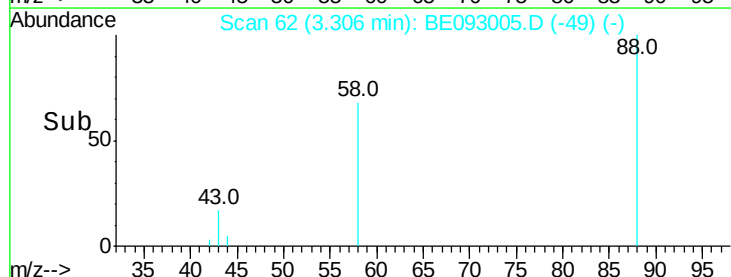
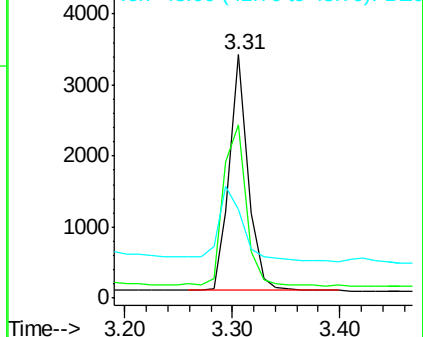
43 43.2 23.2 34.8#

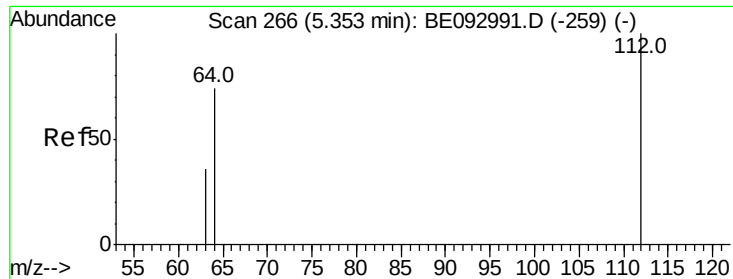


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

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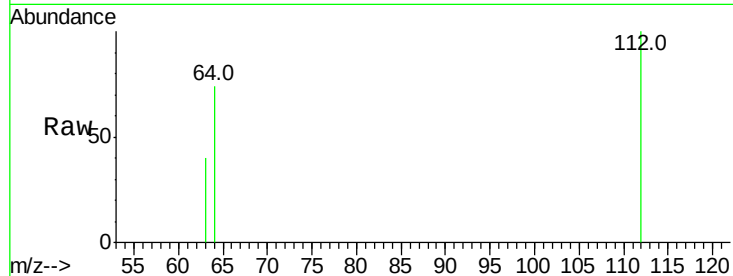
Tot Ion:112 Resp: 530

Ion Ratio Lower Upper

112 100

64 69.1 56.4 84.6

63 35.5 29.3 43.9



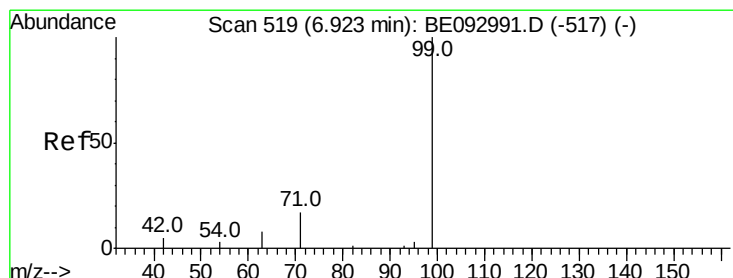
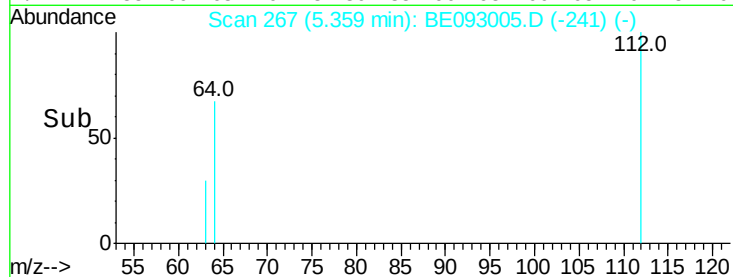
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.36

Time-->



#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

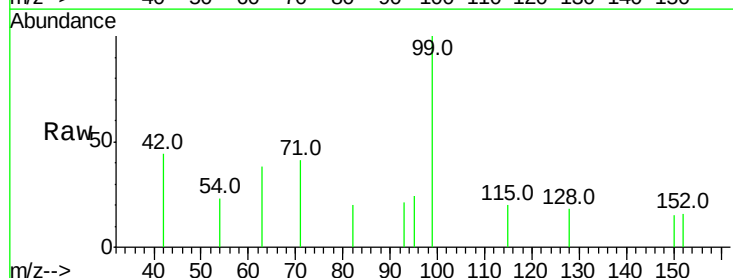
Tgt Ion: 99 Resp: 509

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



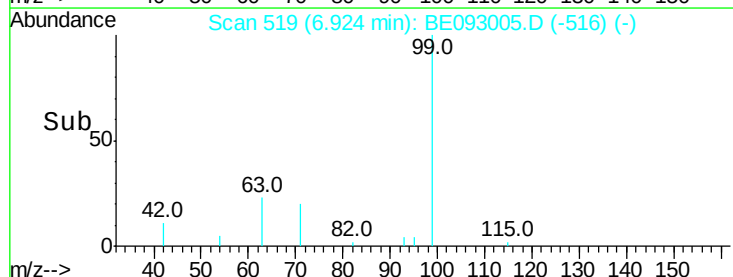
Abundance Ion 99.00 (98.70 to 99.70): BE0

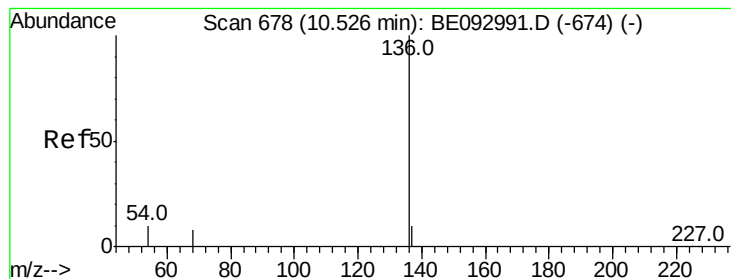
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.92

Time-->





#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

Instrument :

BNA_E

ClientSampleId :

LF017MW001-170508

Tot Ion:136 Resp: 4166

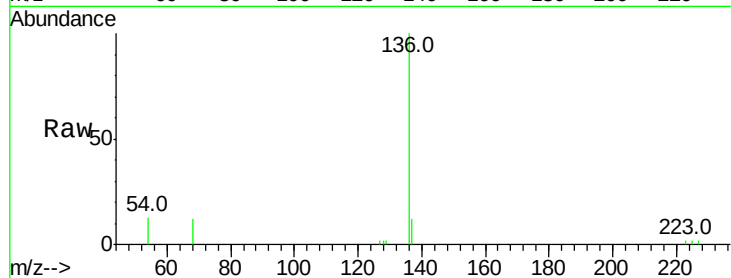
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 12.5 10.3 15.5

68 11.9 9.0 13.4

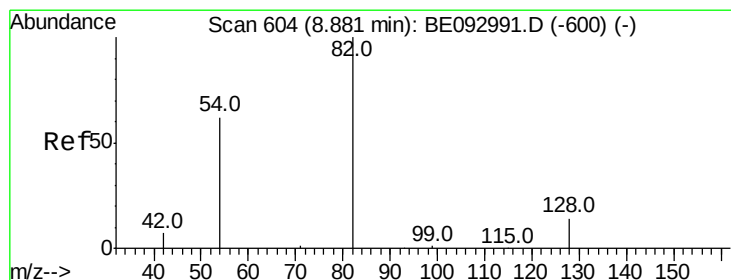
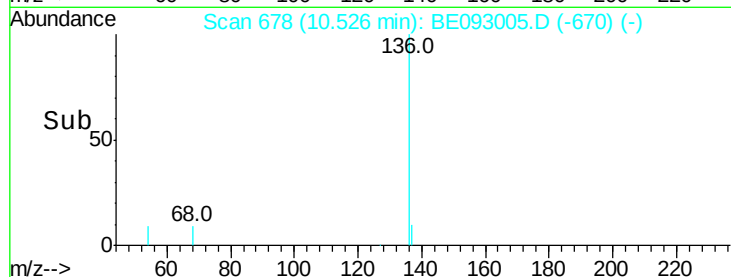
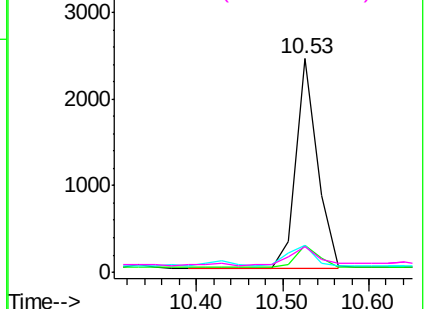


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

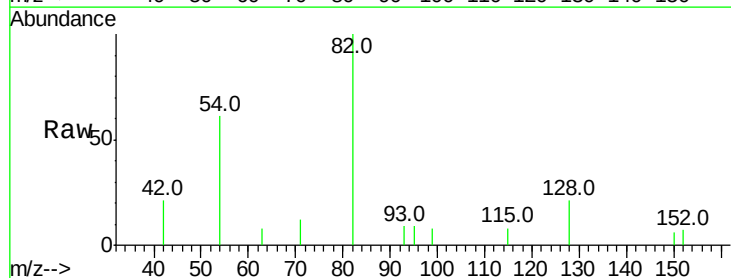
Tgt Ion: 82 Resp: 1122

Ion Ratio Lower Upper

82 100

128 21.5 17.0 25.4

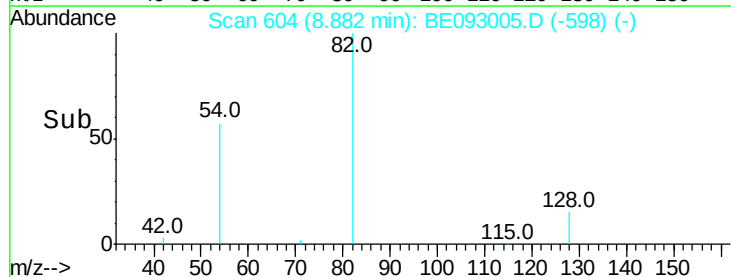
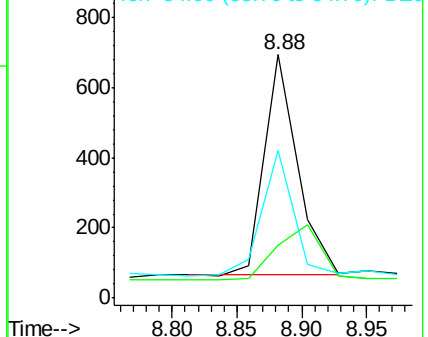
54 60.5 53.8 80.6

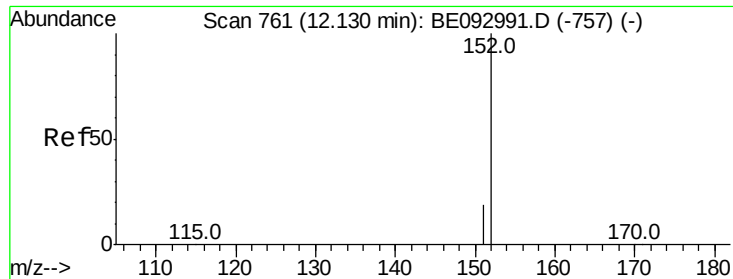


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

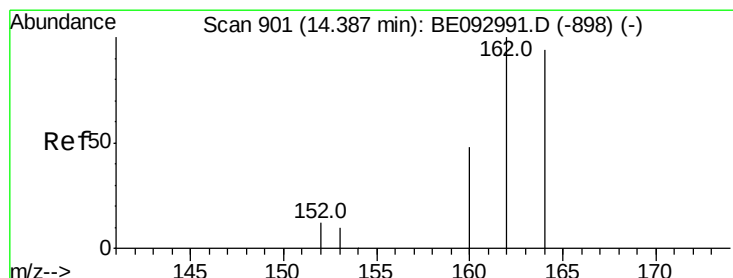
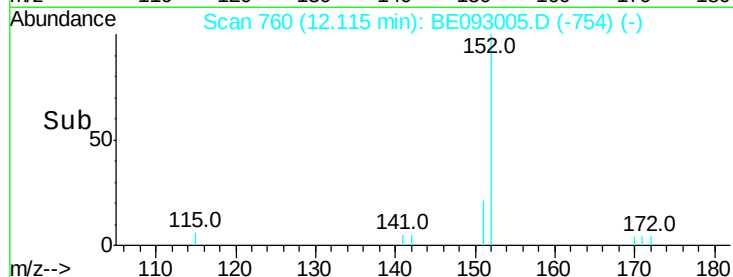
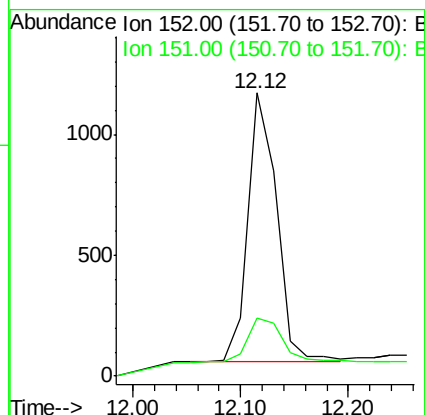
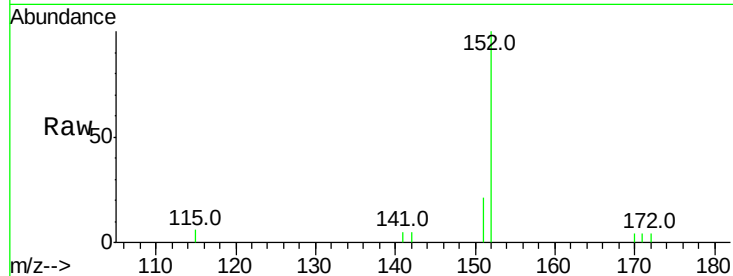




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE093005.D
Acq: 11 May 2017 20:37

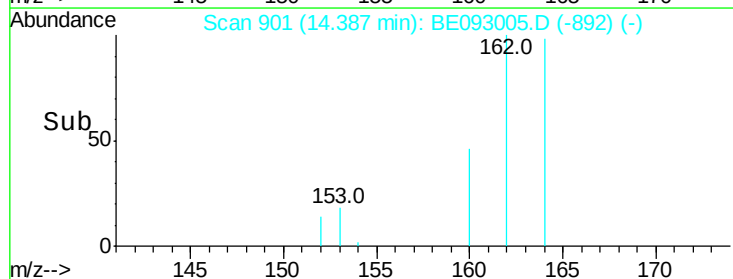
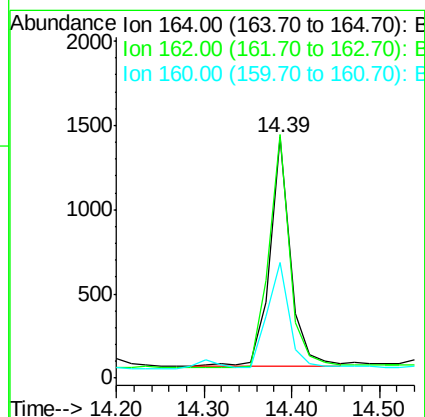
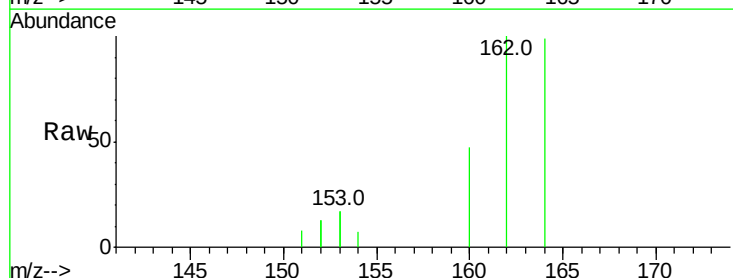
Instrument :
BNA_E
ClientSampleId :
LF017MW001-170508

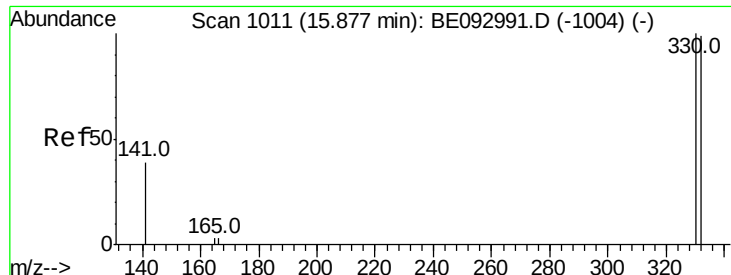
Tot Ion:152 Resp: 2077
Ion Ratio Lower Upper
152 100
151 20.8 15.1 22.7



#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

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

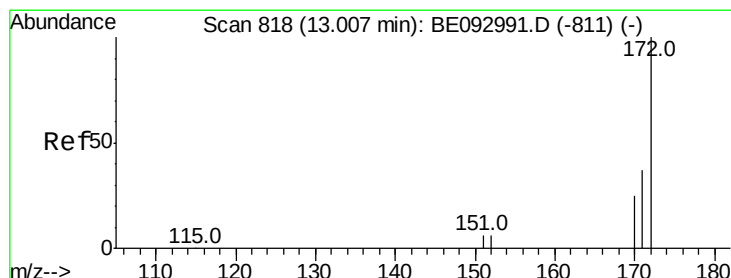
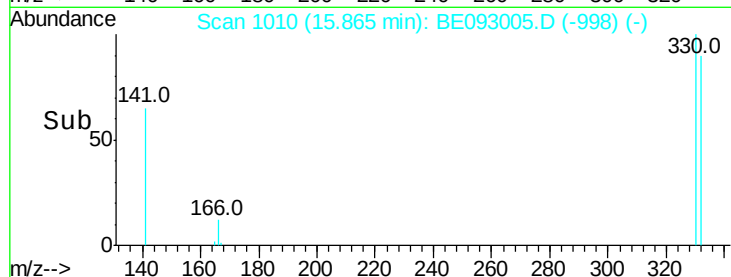
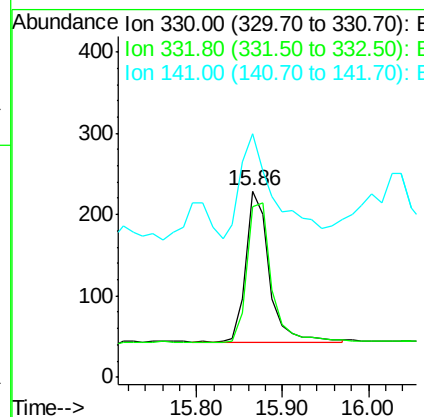
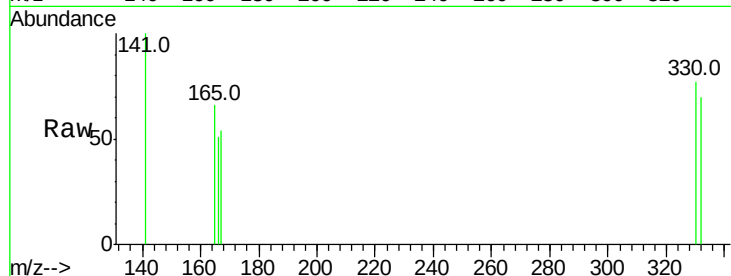




#14
 2,4,6-Tribromophenol
 Concen: 0.58 ng
 RT: 15.86 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093005.D
 Acq: 11 May 2017 20:37

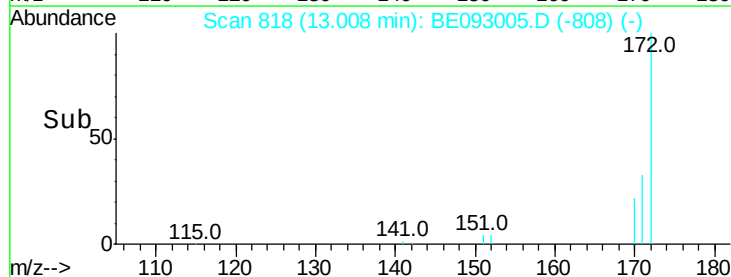
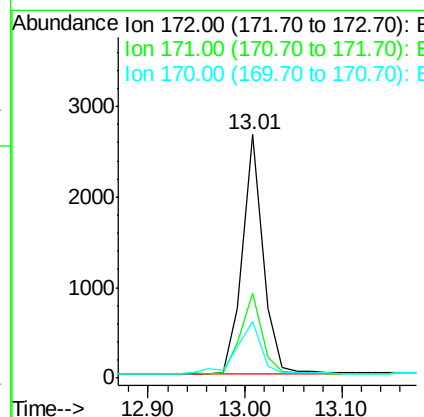
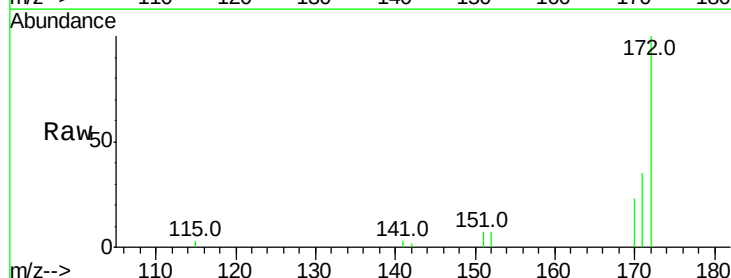
Instrument :
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 ClientSampleId :
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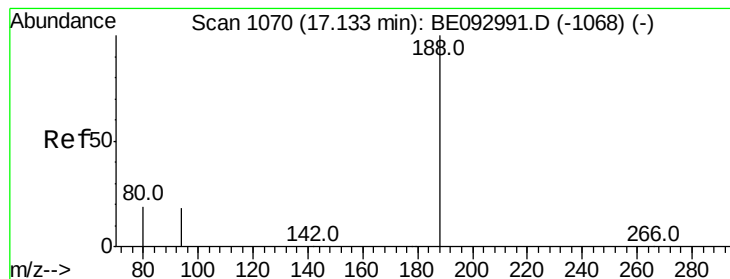
Tot Ion:330 Resp: 355
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.7 116.5
 141 97.7 56.2 84.4#



#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

Tgt 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

Instrument :

BNA_E

ClientSampleId :

LF017MW001-170508

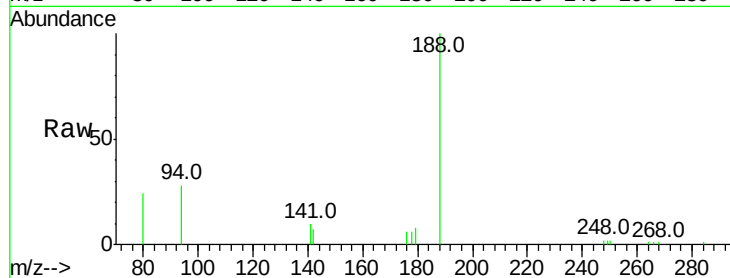
Tot Ion:188 Resp: 6199

Ion Ratio Lower Upper

188 100

94 27.6 11.3 16.9#

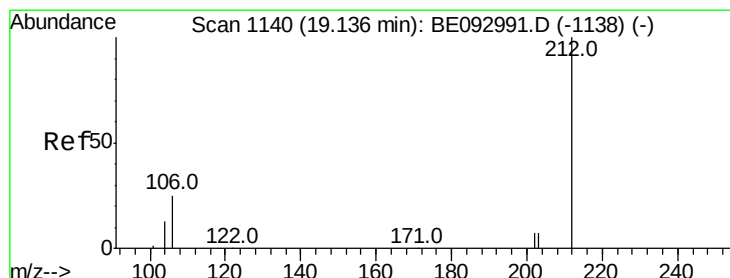
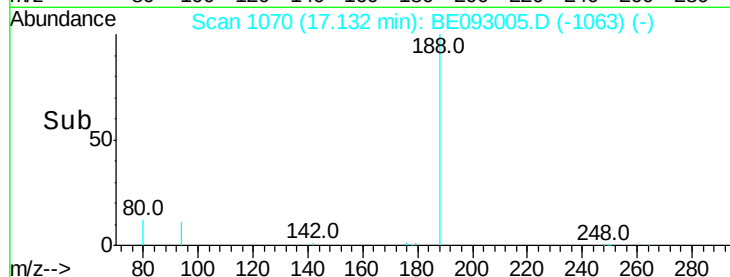
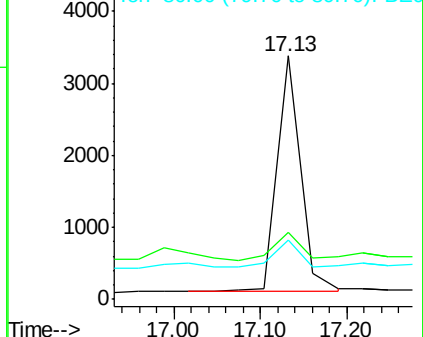
80 24.3 11.7 17.5#



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: 0.35 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BE093005.D

Acq: 11 May 2017 20:37

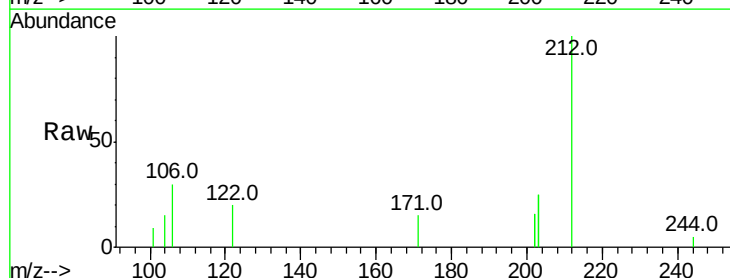
Tgt Ion:212 Resp: 5802

Ion Ratio Lower Upper

212 100

106 24.3 0.0 0.0#

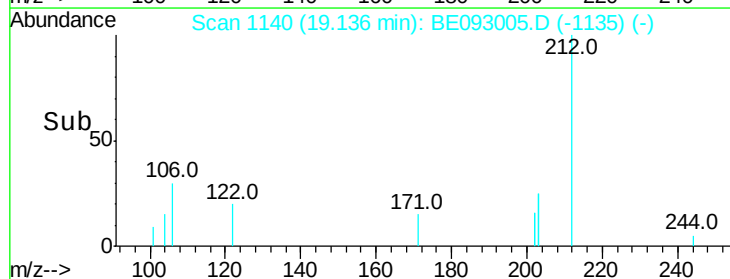
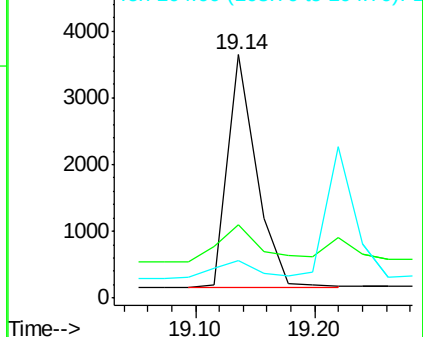
104 11.2 0.0 0.0#

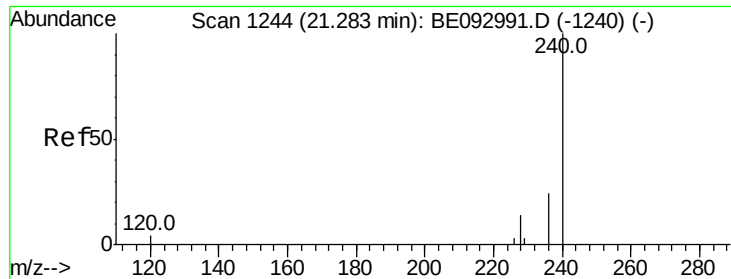


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093005.D

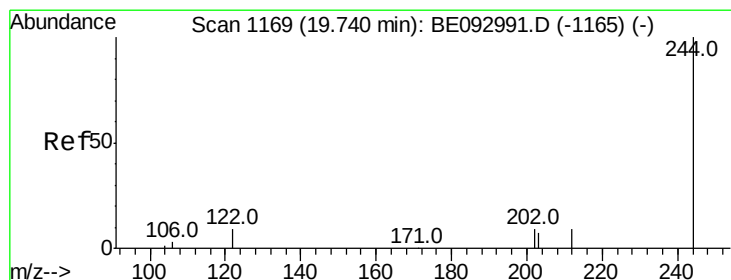
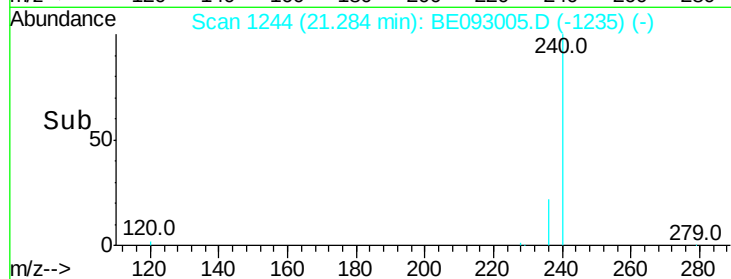
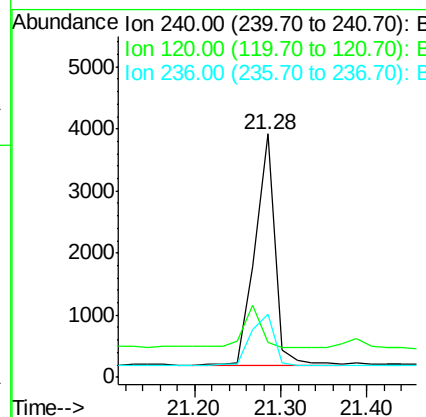
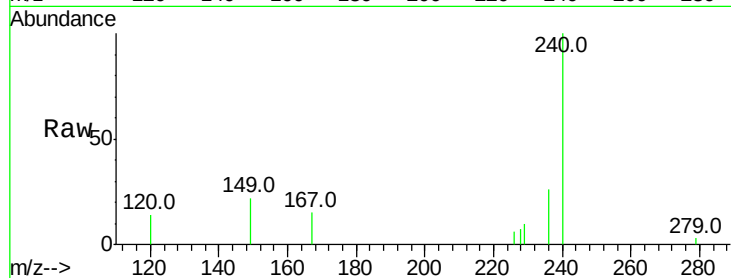
Acq: 11 May 2017 20:37

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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



#29

Terphenyl-d14

Concen: 0.54 ng

RT: 19.74 min Scan# 1169

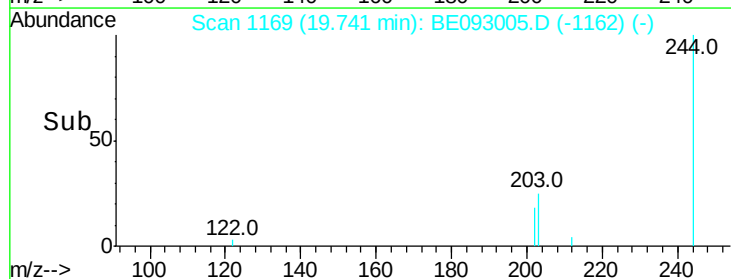
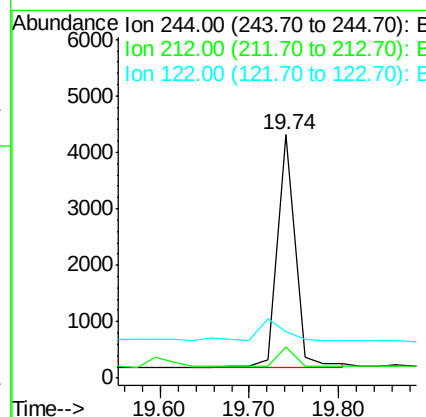
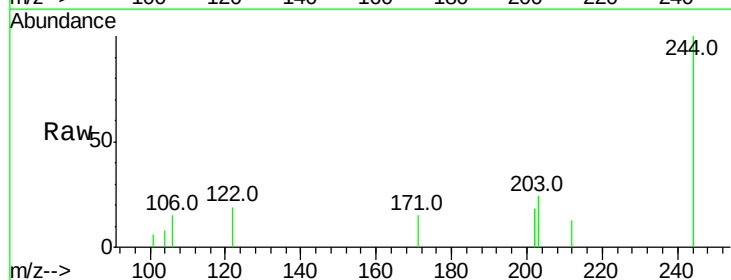
Delta R.T. 0.01 min

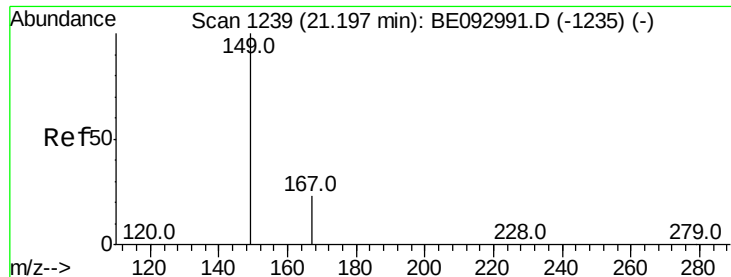
Lab File: BE093005.D

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Tgt Ion:244 Resp: 5702

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.6	16.0
122	19.0	15.4	23.0

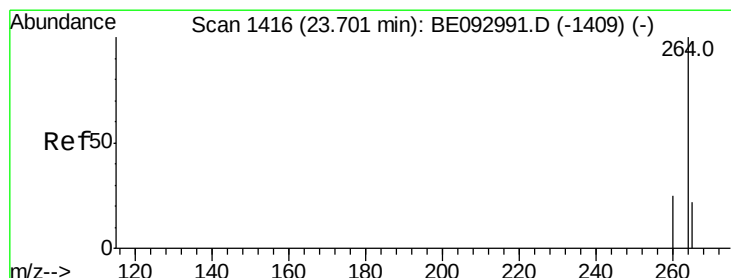
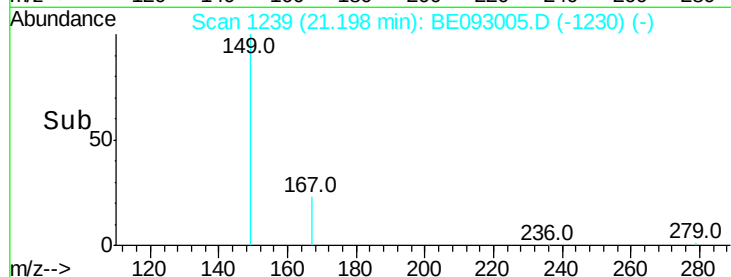
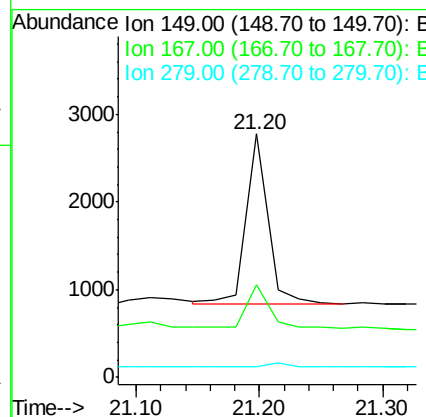
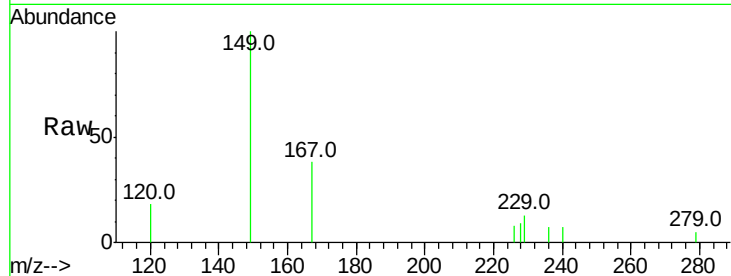




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 21.20 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BE093005.D
 Acq: 11 May 2017 20:37

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW001-170508

Tot Ion:149 Resp: 2348
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.1 30.1
 279 2.4 2.2 3.4



#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

