

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051917\
 Data File : BE093062.D
 Acq On : 19 May 2017 15:53
 Operator : SJ/MA
 Sample : I3174-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170515

Quant Time: May 19 18:03:59 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

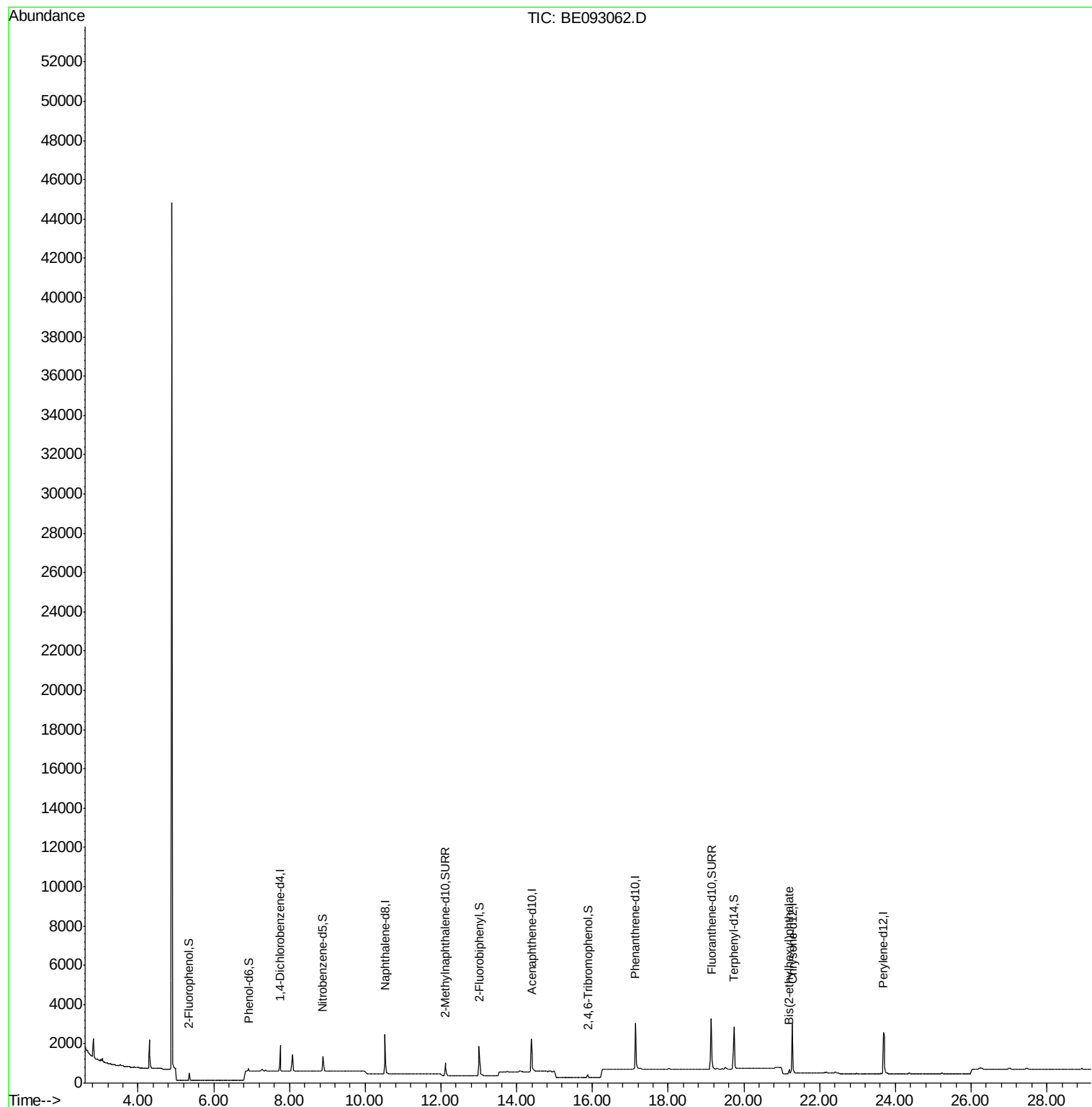
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	684	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2761	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1281	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3914	0.40	ng	0.00
27) Chrysene-d12	21.28	240	3913	0.40	ng	0.00
34) Perylene-d12	23.69	264	3612	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	271	0.13	ng	0.00
5) Phenol-d6	6.92	99	216	0.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	791	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	1192	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	138	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1909	0.36	ng	0.00
25) Fluoranthene-d10	19.14	212	3496	0.34	ng	0.00
29) Terphenyl-d14	19.74	244	2952	0.40	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.20	149	260	0.11	ng	Qvalue # 97

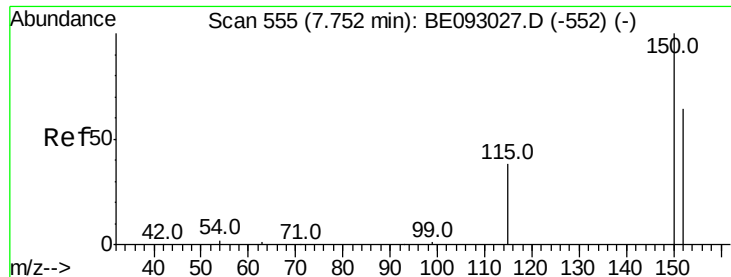
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170515

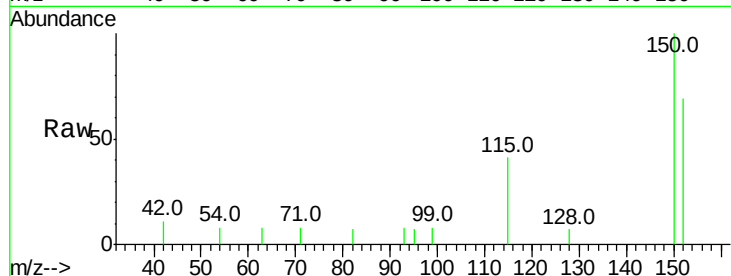
Tot Ion:152 Resp: 684

Ion Ratio Lower Upper

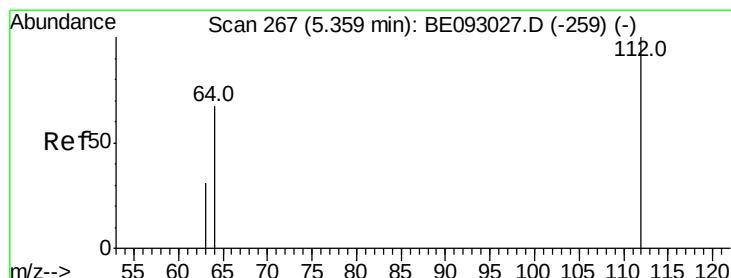
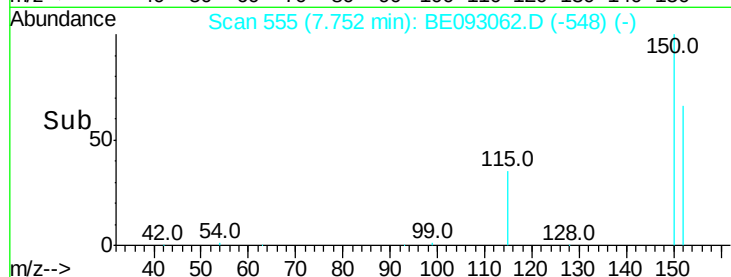
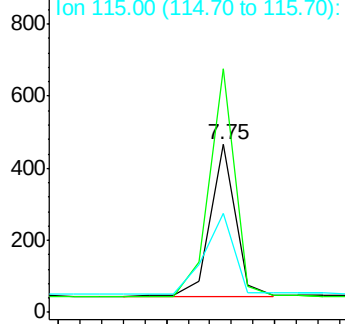
152 100

150 145.4 125.1 187.7

115 59.4 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E



#4

2-Fluorophenol

Concen: 0.13 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

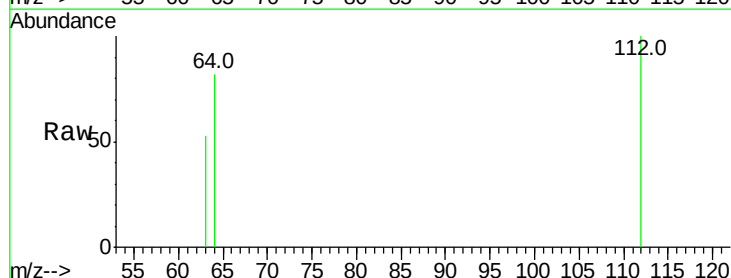
Tgt Ion:112 Resp: 271

Ion Ratio Lower Upper

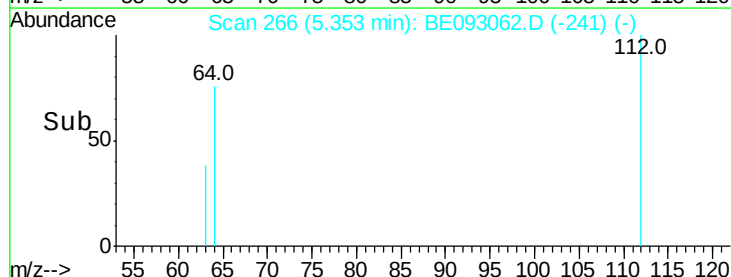
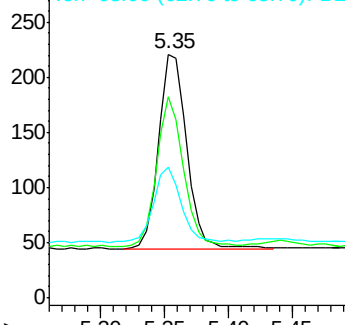
112 100

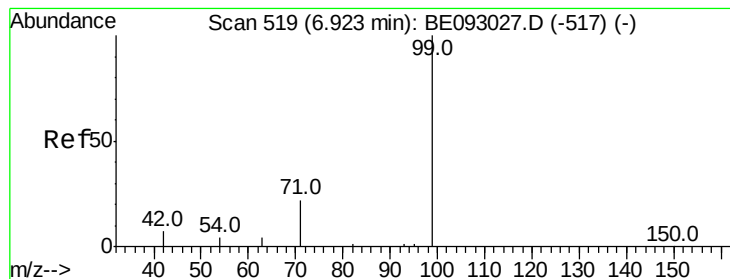
64 71.6 56.4 84.6

63 37.6 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E





#5

Phenol-d6

Concen: 0.08 ng

RT: 6.92 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170515

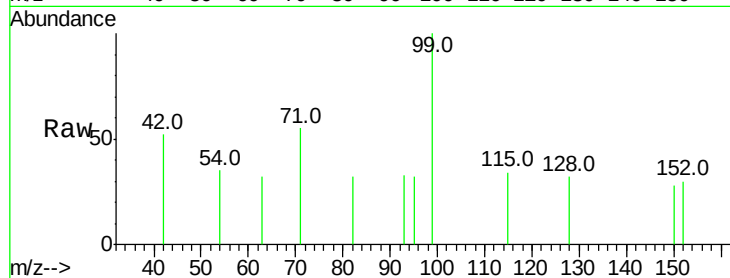
Tot Ion: 99 Resp: 216

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

150

100

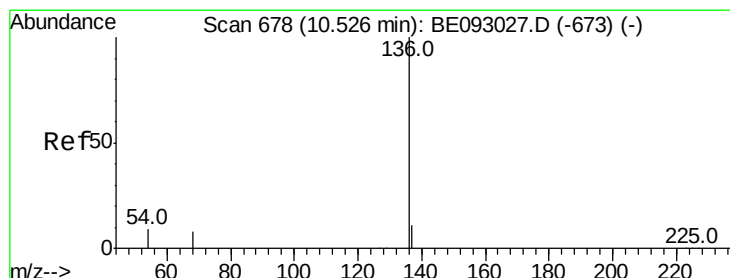
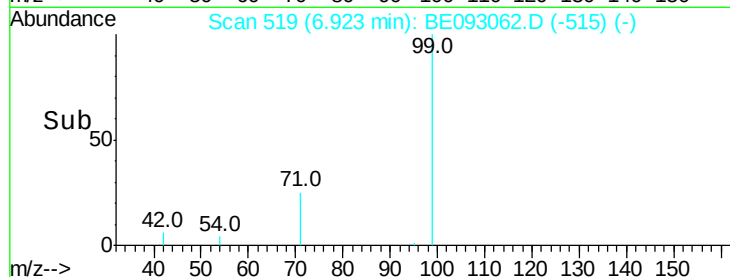
50

0

6.90

7.00

Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Tgt Ion: 136 Resp: 2761

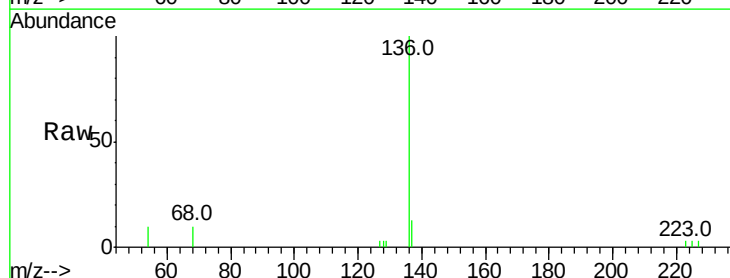
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 10.1 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

10.53

2500

2000

1500

1000

500

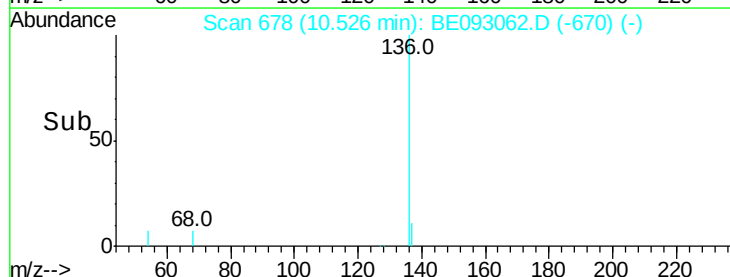
0

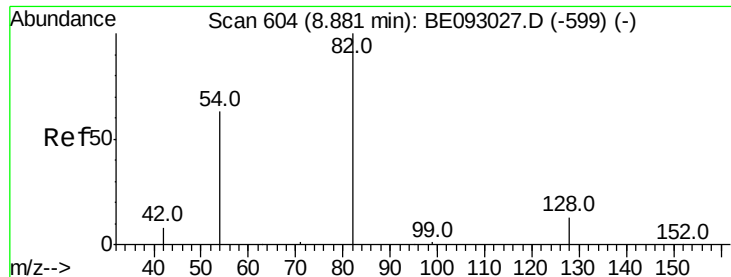
10.40

10.50

10.60

Time-->

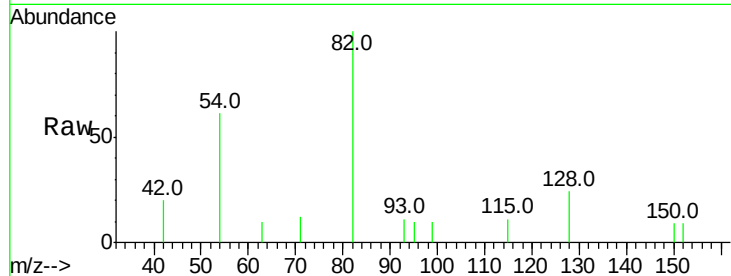




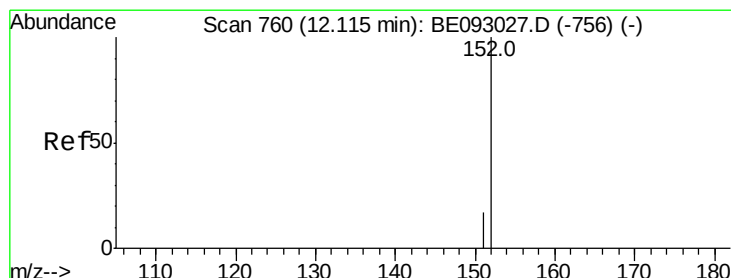
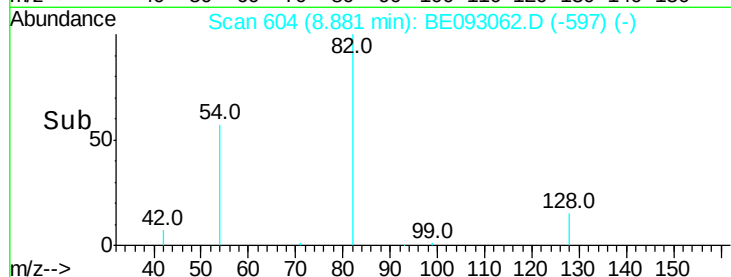
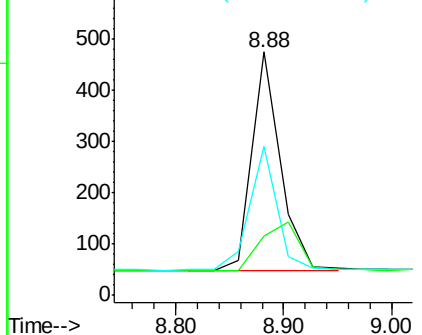
#8
 Nitrobenzene-d5
 Concen: 0.33 ng
 RT: 8.88 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170515

Tot Ion: 82 Resp: 791
 Ion Ratio Lower Upper
 82 100
 128 24.2 17.0 25.4
 54 61.3 53.8 80.6

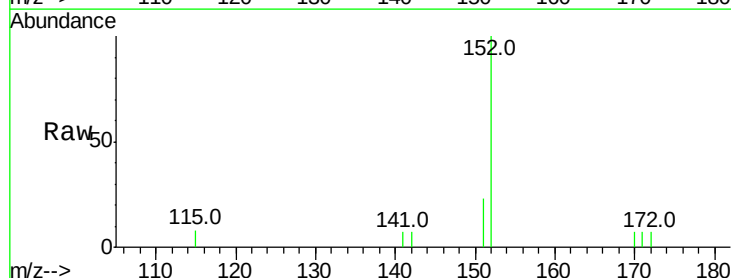


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

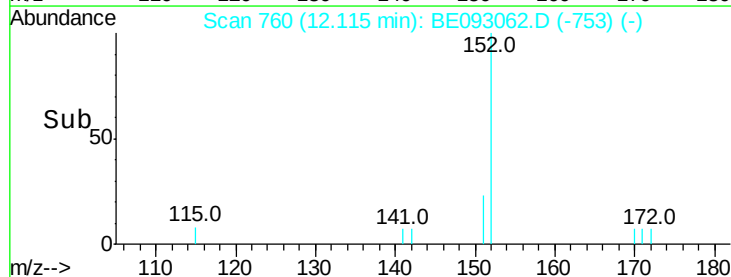
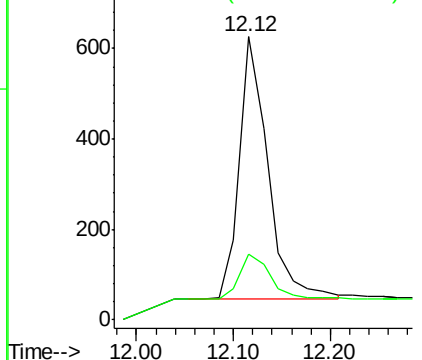


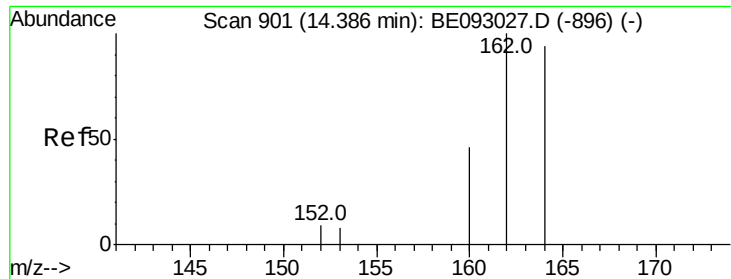
#11
 2-Methylnaphthalene-d10
 Concen: 0.29 ng
 RT: 12.12 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE093062.D
 Acq: 19 May 2017 15:53

Tgt Ion: 152 Resp: 1192
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE
 Ion 151.00 (150.70 to 151.70): BE





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170515

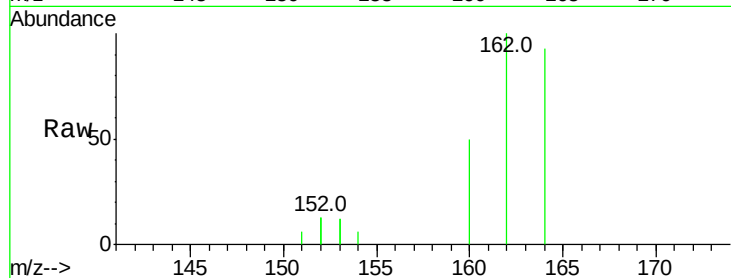
Tot Ion:164 Resp: 1281

Ion Ratio Lower Upper

164 100

162 107.4 84.6 127.0

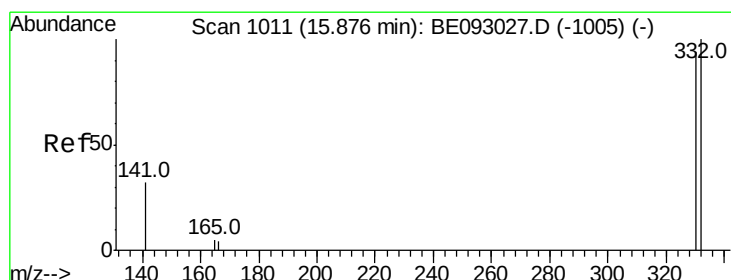
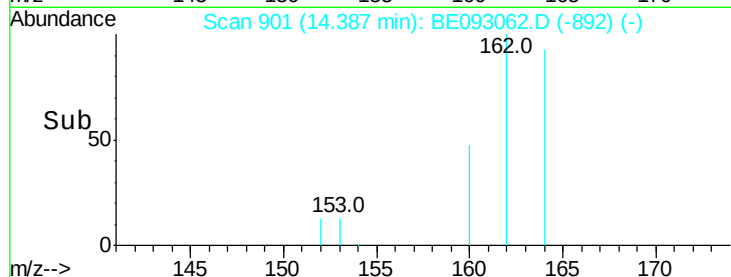
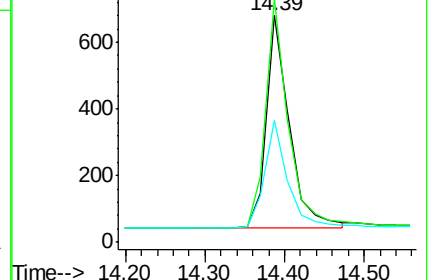
160 53.8 41.8 62.6



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: 0.36 ng

RT: 15.88 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

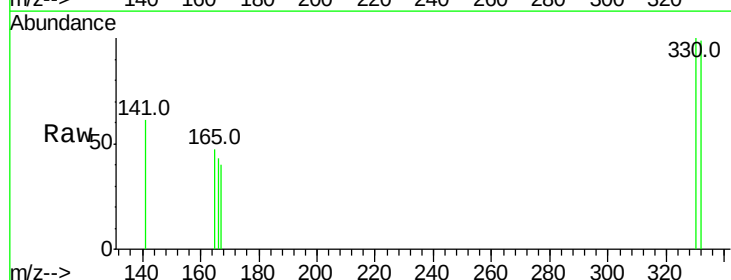
Tgt Ion:330 Resp: 138

Ion Ratio Lower Upper

330 100

332 94.2 77.7 116.5

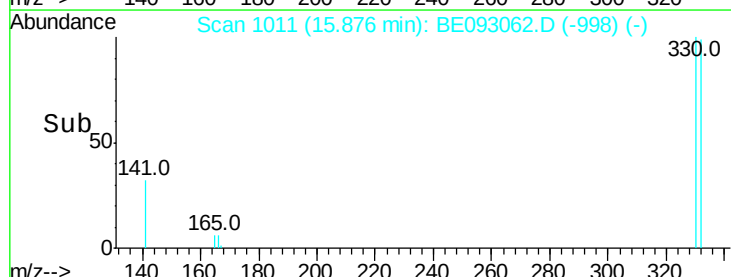
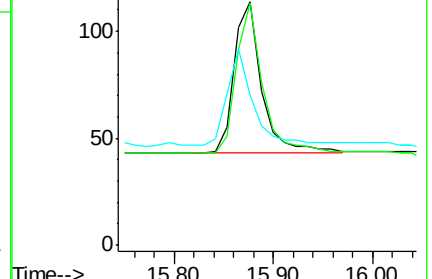
141 57.2 56.2 84.4

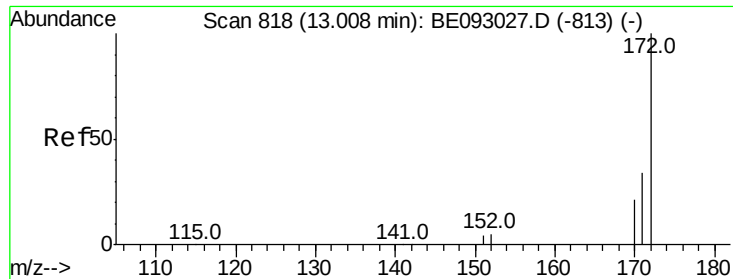


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

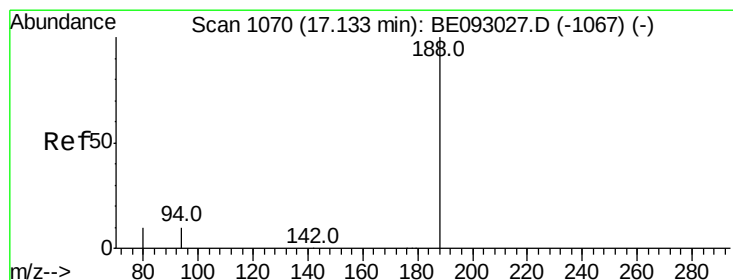
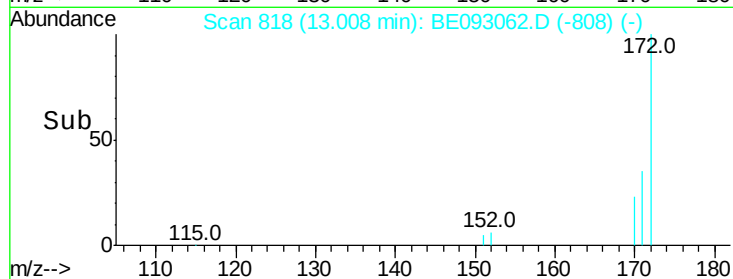
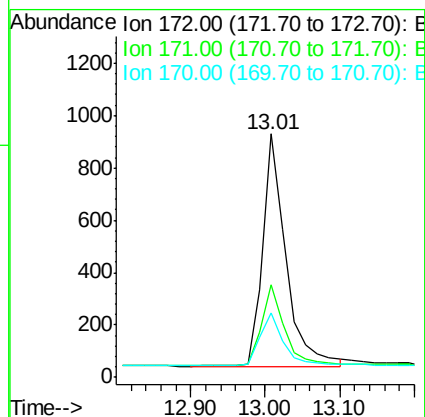
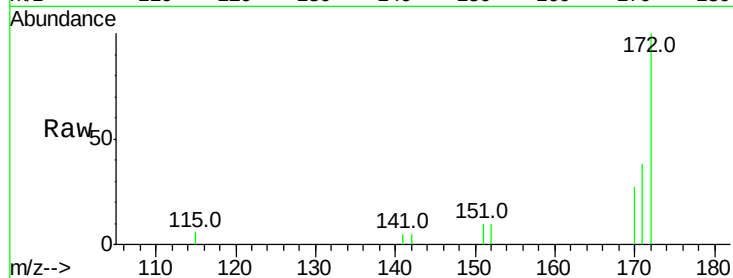




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

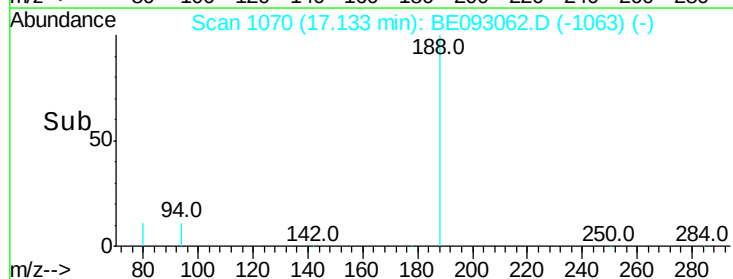
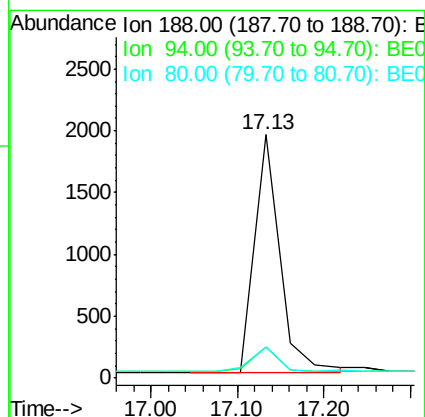
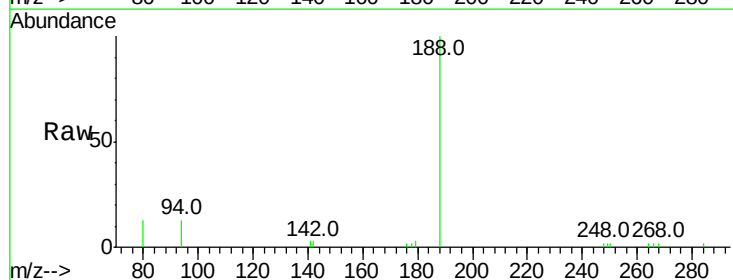
Instrument :
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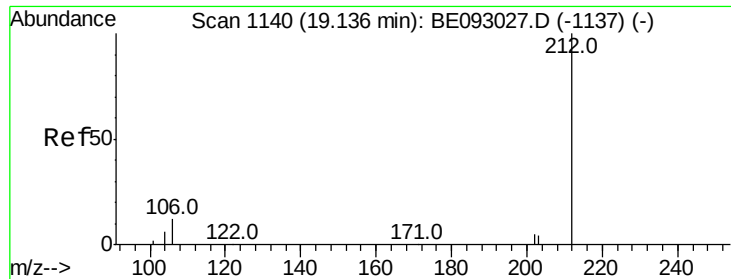
Tot Ion:172 Resp: 1909
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 26.6 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093062.D
Acq: 19 May 2017 15:53

Tgt Ion:188 Resp: 3914
Ion Ratio Lower Upper
188 100
94 12.9 11.3 16.9
80 13.0 11.7 17.5





#25

Fluoranthene-d10

Concen: 0.34 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170515

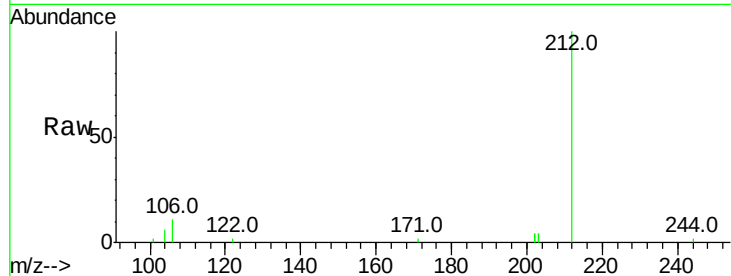
Tot Ion:212 Resp: 3496

Ion Ratio Lower Upper

212 100

106 15.7 0.0 0.0#

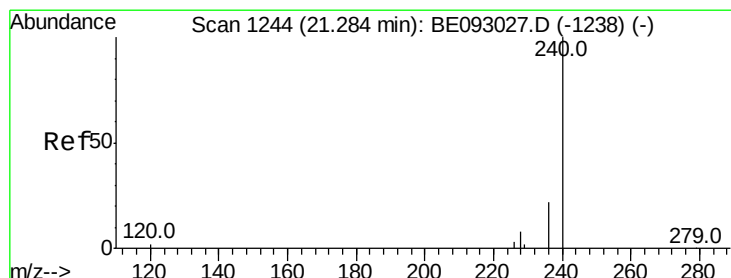
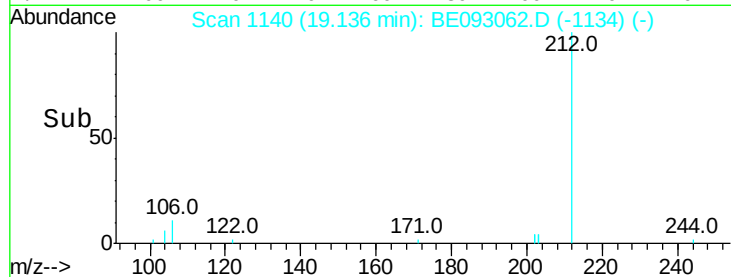
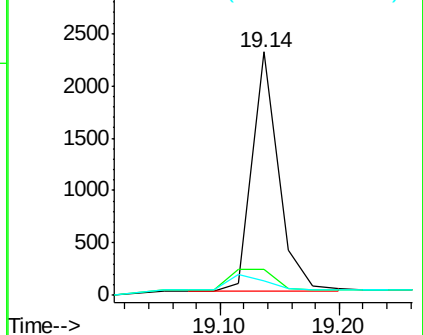
104 0.0 0.0 0.0



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: BE093062.D

Acq: 19 May 2017 15:53

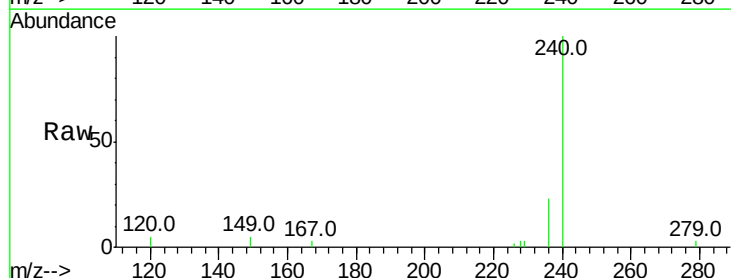
Tgt Ion:240 Resp: 3913

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

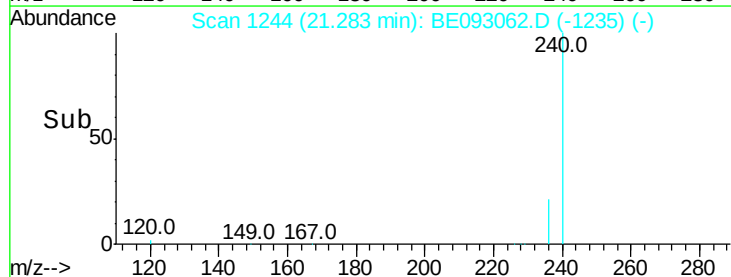
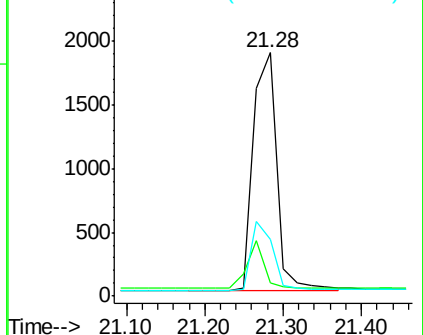
236 23.4 20.8 31.2

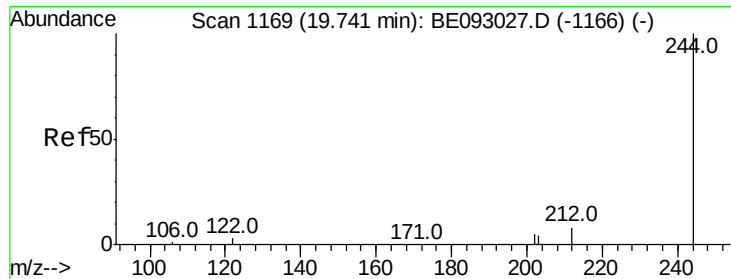


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093062.D

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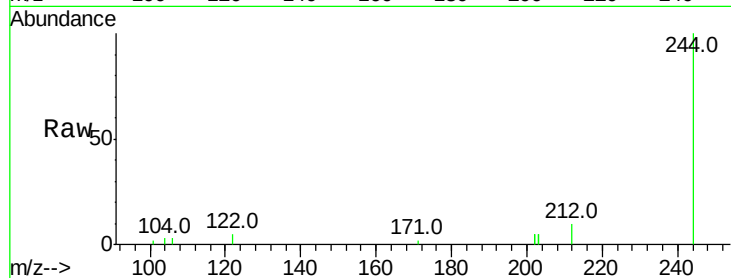
Tot Ion:244 Resp: 2952

Ion Ratio Lower Upper

244 100

212 9.5 10.6 16.0#

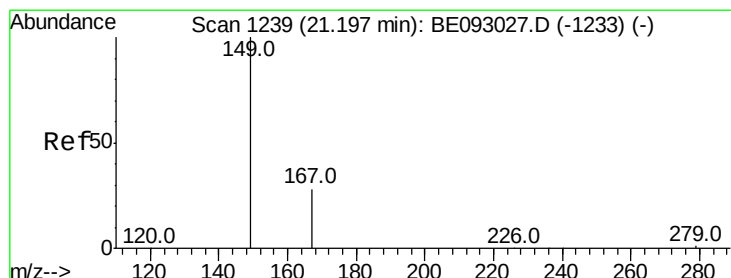
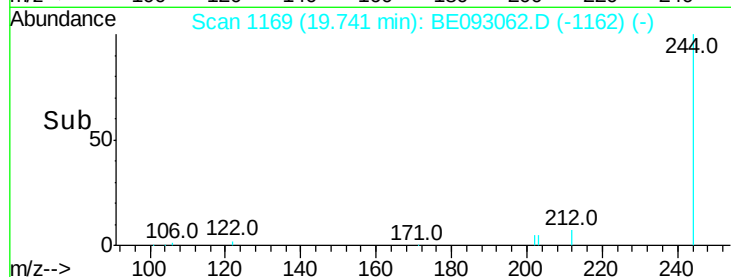
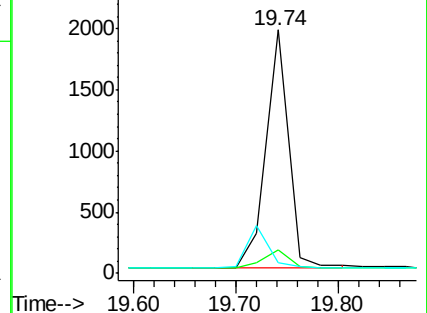
122 4.6 15.4 23.0#



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: 0.11 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093062.D

Acq: 19 May 2017 15:53

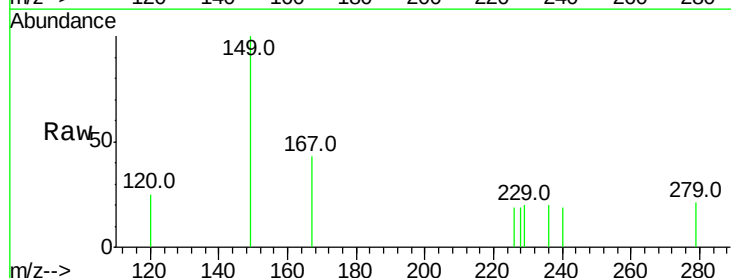
Tgt Ion:149 Resp: 260

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

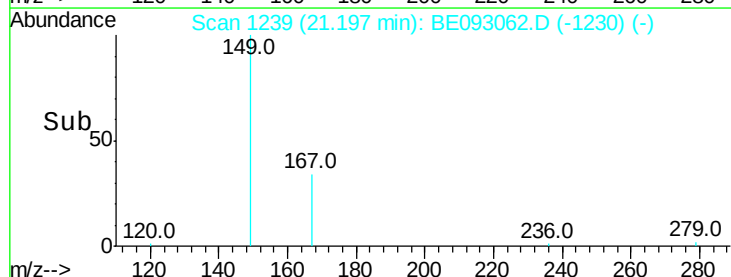
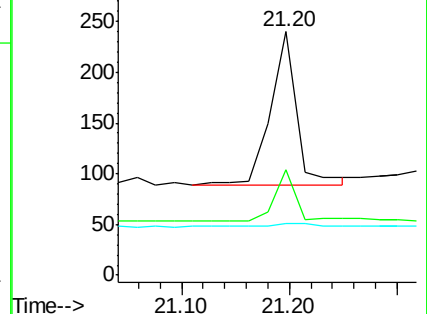
279 3.5 2.2 3.4#

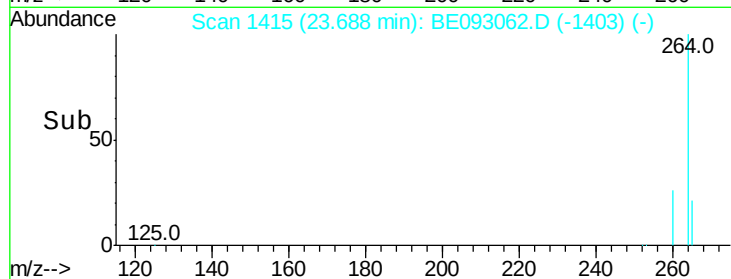
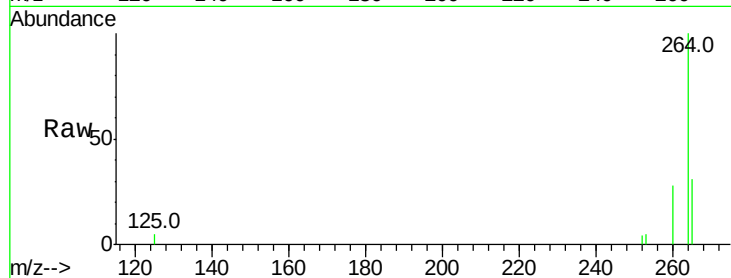
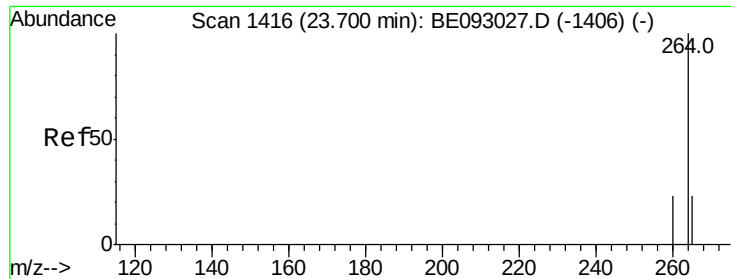


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE093062.D

Acq: 19 May 2017 15:53

Instrument :

BNA_E

ClientSampleId :

KY038PS034-170515

Tot Ion: 264 Resp: 3612

Ion Ratio Lower Upper

264 100

260 27.9 21.0 31.4

265 30.6 24.6 36.8

