

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093124.D
 Acq On : 13 Jun 2017 4:58
 Operator : SJ/MA
 Sample : I3460-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 07:52:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	567	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2876	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	2741	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3415	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5145	0.40	ng	0.00
34) Perylene-d12	23.67	264	4373	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	409	0.24	ng	0.00
5) Phenol-d6	6.90	99	334	0.14	ng	0.00
8) Nitrobenzene-d5	8.88	82	1095	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1890	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	360	0.58	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4134	0.35	ng	0.00
25) Fluoranthene-d10	19.11	212	5311	0.47	ng	0.00
29) Terphenyl-d14	19.72	244	5691	0.57	ng	0.00

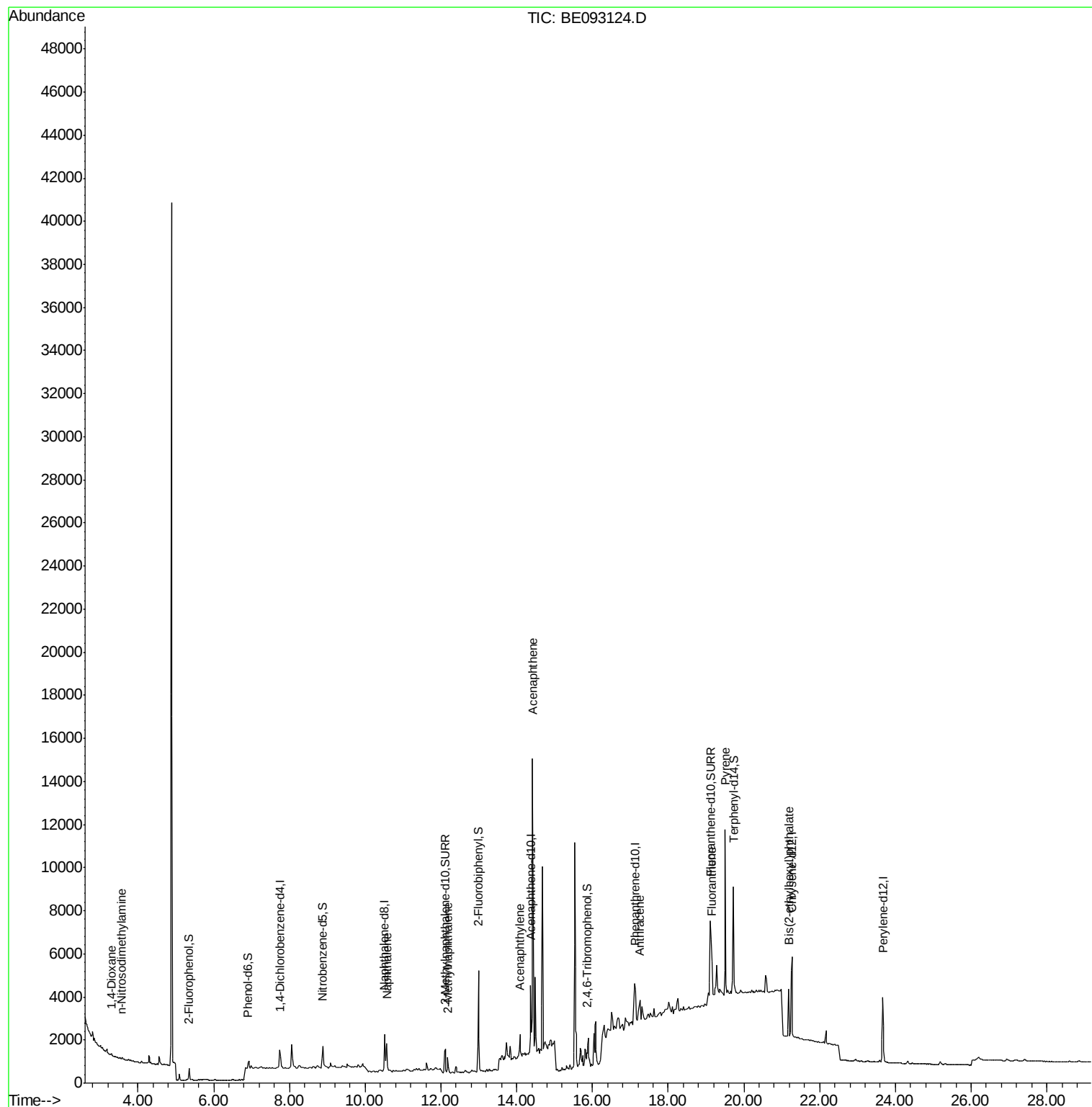
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	56	0.04	ng	# 20
3) n-Nitrosodimethylamine	3.57	42	42	0.04	ng	# 26
9) Naphthalene	10.56	128	1763	0.23	ng	95
12) 2-Methylnaphthalene	12.18	142	504	0.11	ng	# 87
16) Acenaphthylene	14.08	152	1531	0.03	ng	# 57
17) Acenaphthene	14.42	154	2778	0.31	ng	90
24) Anthracene	17.25	178	1507	0.12	ng	# 61
26) Fluoranthene	19.16	202	2673	0.05	ng	# 59
28) Pyrene	19.51	202	9448	0.15	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.18	149	2256	0.40	ng	# 95

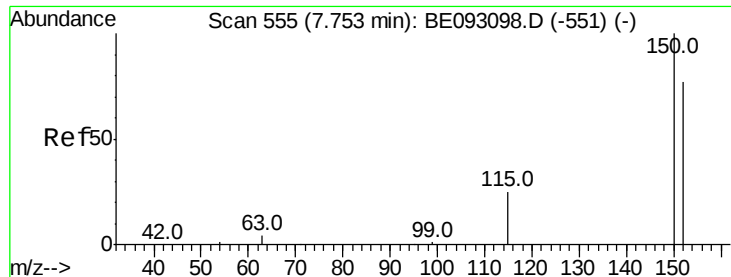
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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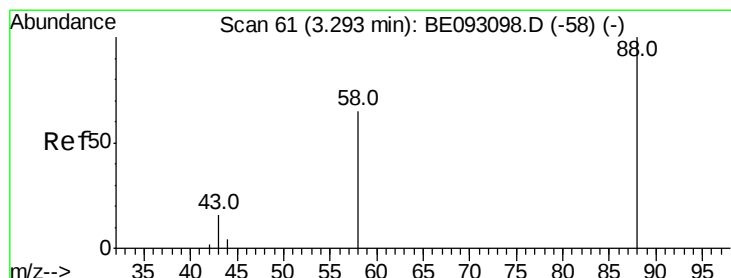
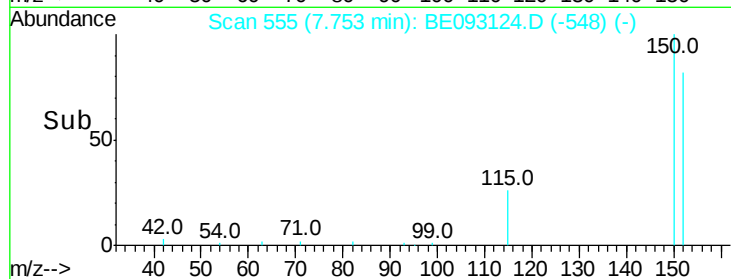
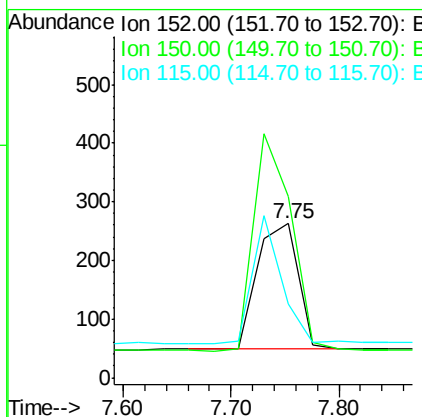
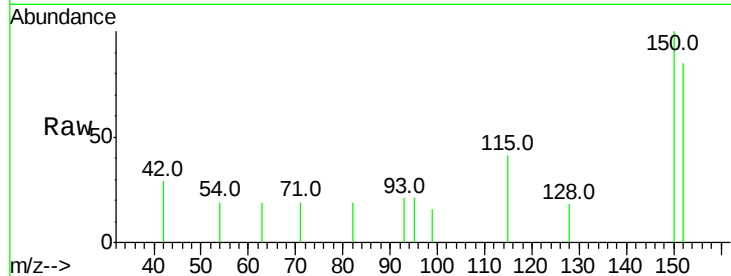




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.75 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

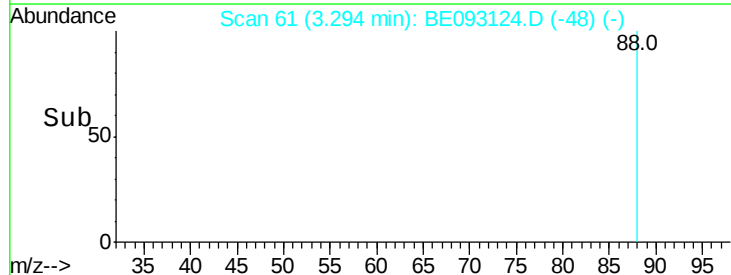
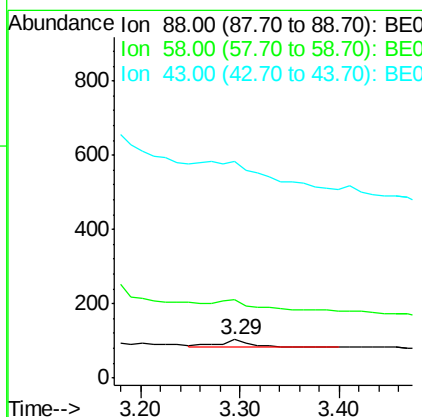
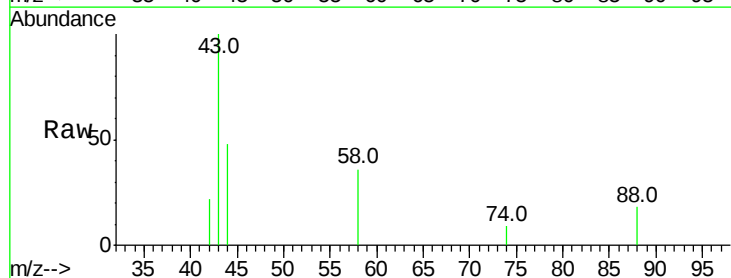
Instrument :
 BNA_E
 ClientSampleId :

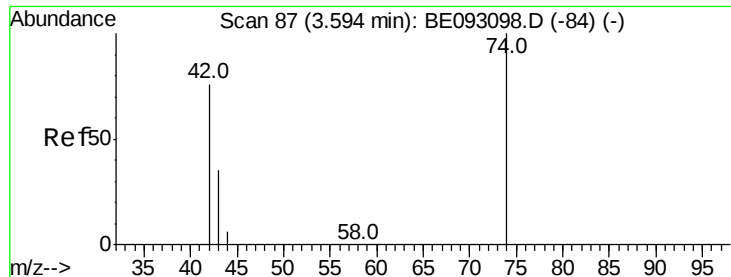
Tot Ion: 152 Resp: 567
 Ion Ratio Lower Upper
 152 100
 150 117.1 125.1 187.7#
 115 47.9 55.7 83.5#



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.29 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Tgt Ion: 88 Resp: 56
 Ion Ratio Lower Upper
 88 100
 58 0.0 62.2 93.4#
 43 0.0 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.57 min Scan# 85

Delta R.T. -0.02 min

Lab File: BE093124.D

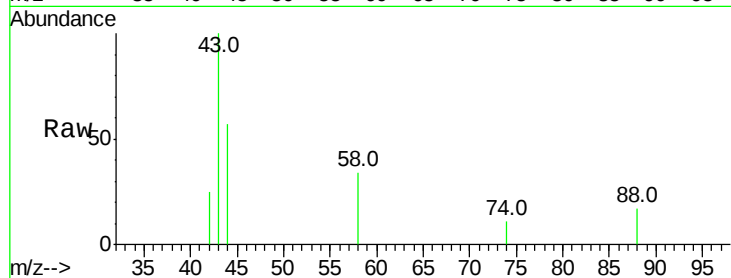
Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

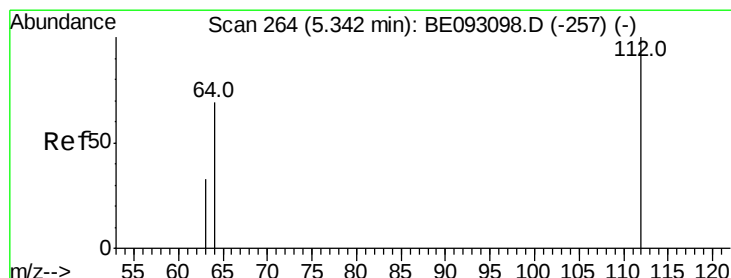
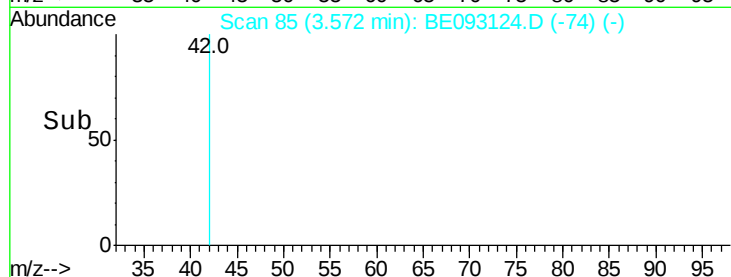
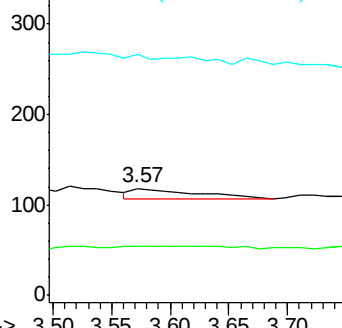
Tot Ion:	42	Resp:	42
Ion	Ratio	Lower	Upper
42	100		
74	35.7	99.1	148.7#
44	0.0	7.4	11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.24 ng

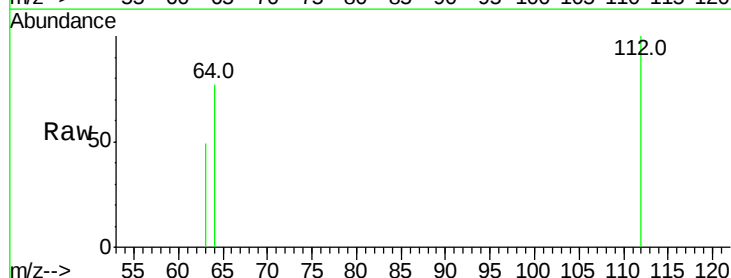
RT: 5.35 min Scan# 265

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

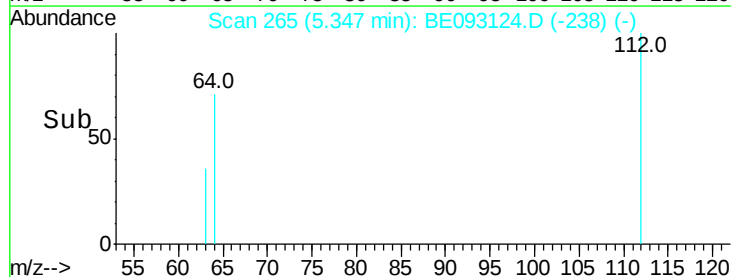
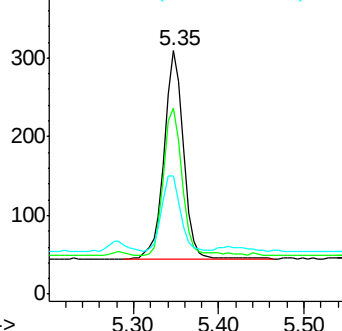
Tgt Ion:	112	Resp:	409
Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.4	84.6
63	34.7	29.3	43.9

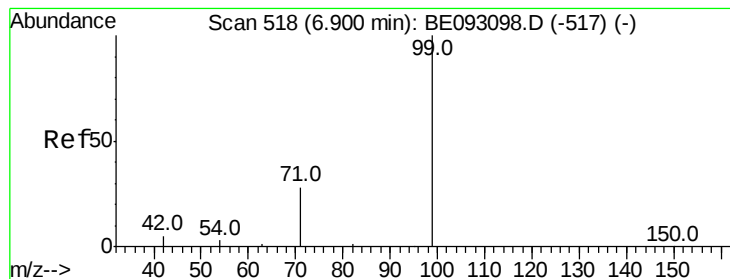


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.14 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampled :

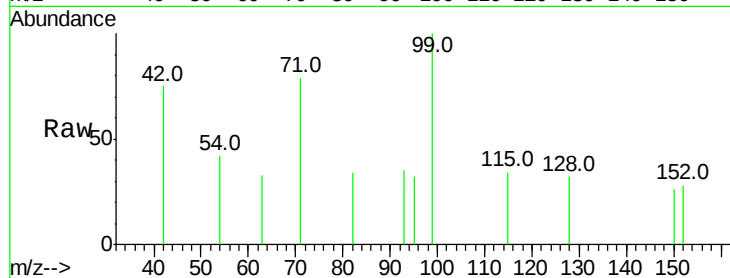
Tot Ion: 99 Resp: 334

Ion Ratio Lower Upper

99 100

42 36.8 0.0 0.0#

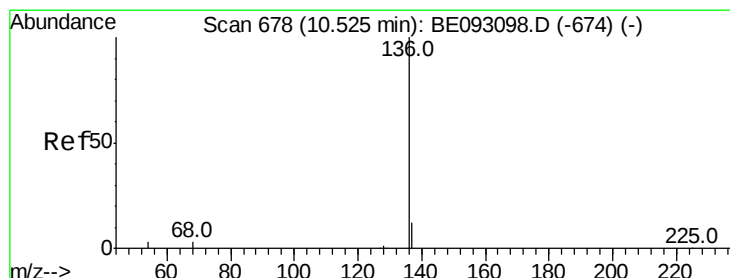
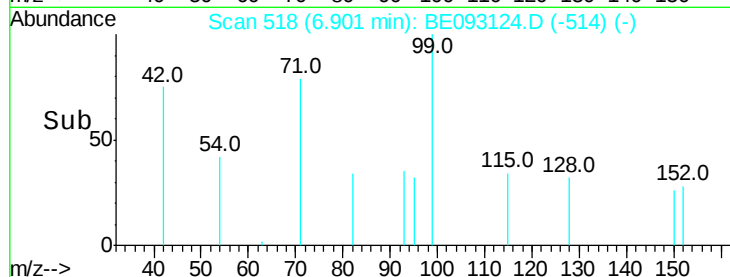
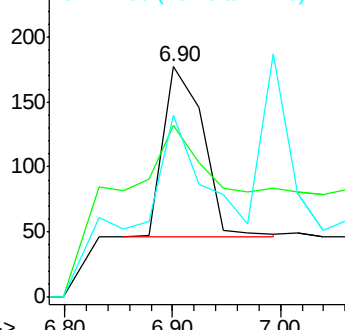
71 66.2 0.0 0.0#



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: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Tgt Ion: 136 Resp: 2876

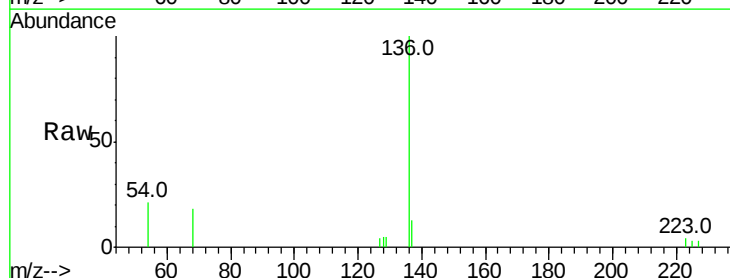
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 20.7 10.3 15.5#

68 18.4 9.0 13.4#

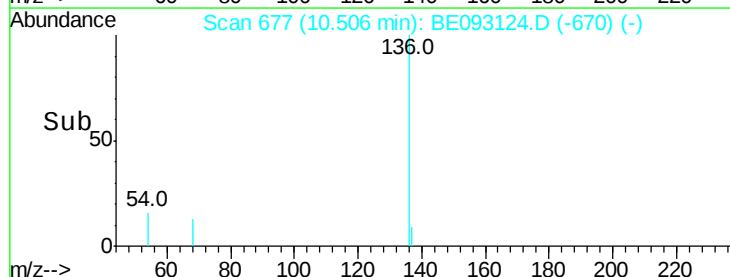
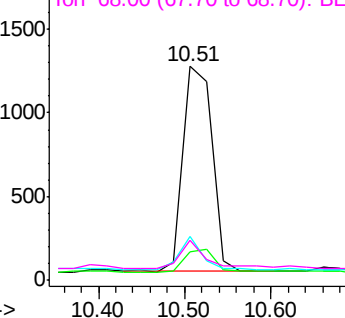


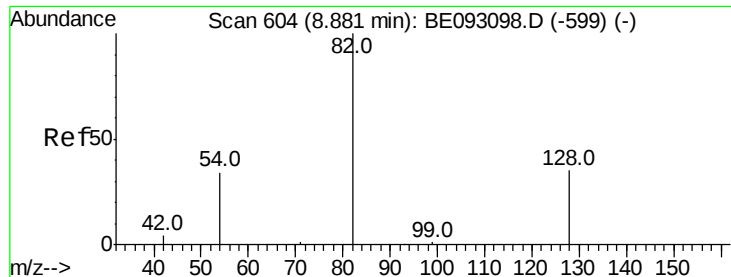
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.48 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampled :

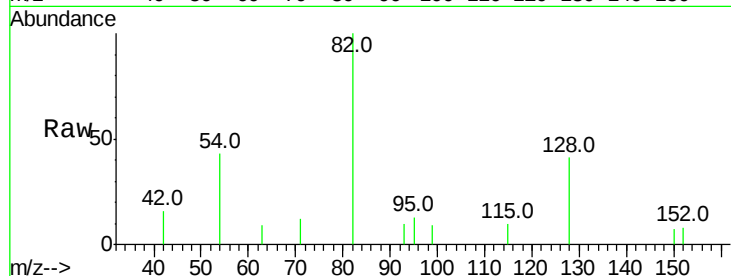
Tot Ion: 82 Resp: 1095

Ion Ratio Lower Upper

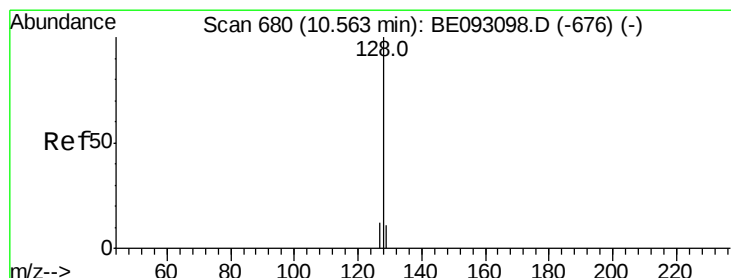
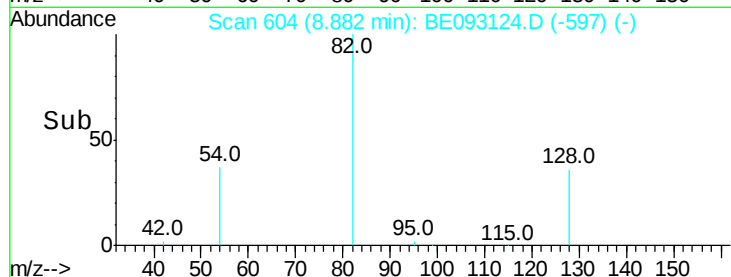
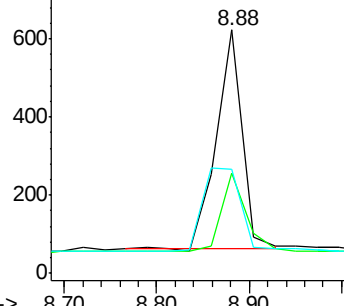
82 100

128 40.9 17.0 25.4#

54 42.5 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



#9

Naphthalene

Concen: 0.23 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

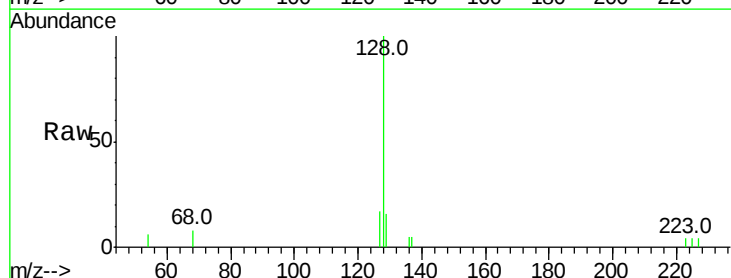
Tgt Ion:128 Resp: 1763

Ion Ratio Lower Upper

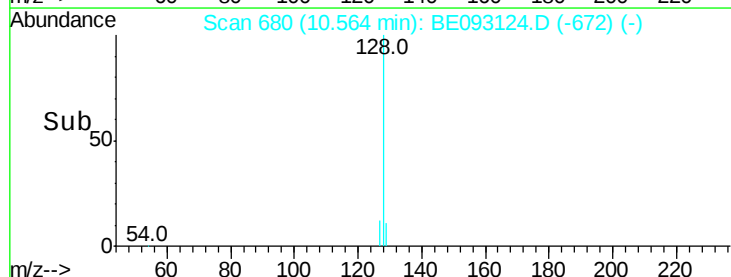
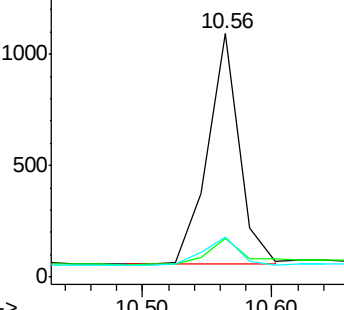
128 100

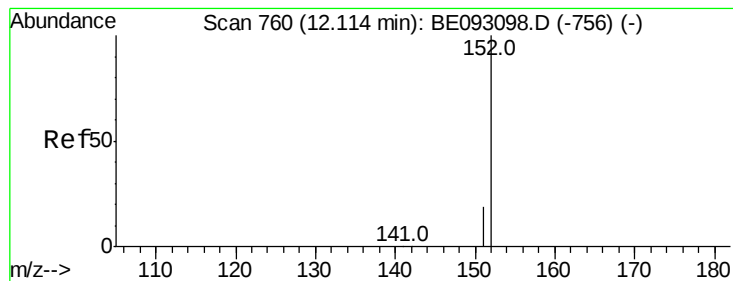
129 15.7 11.4 17.0

127 16.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

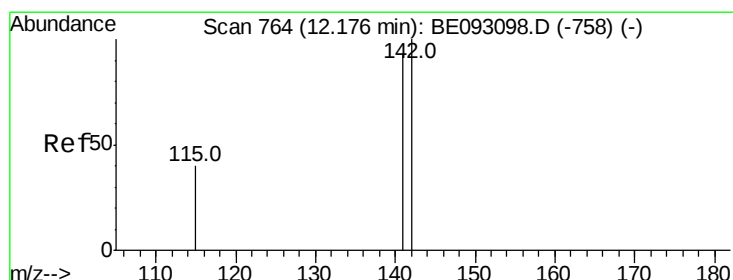
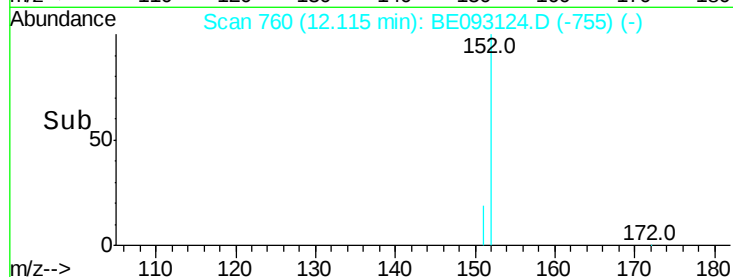
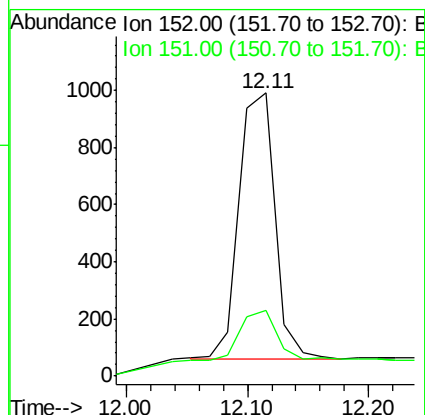
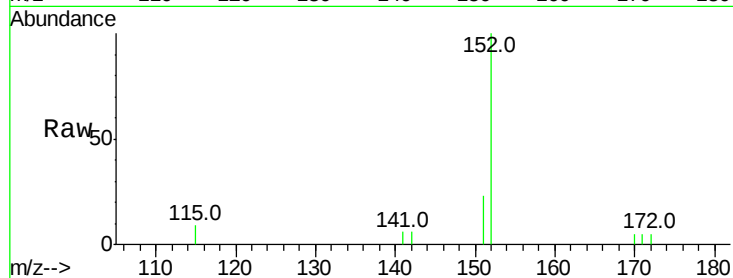




#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.11 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

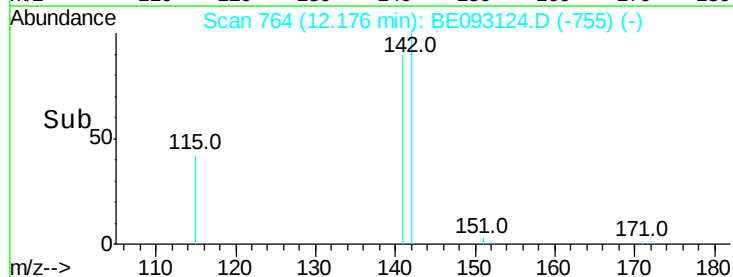
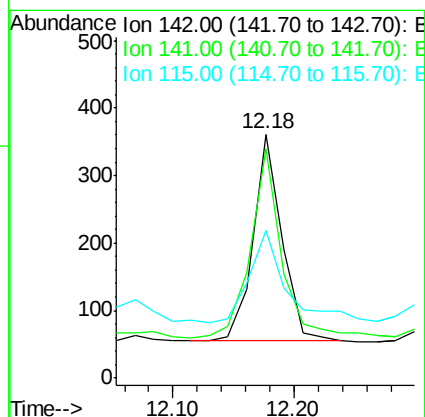
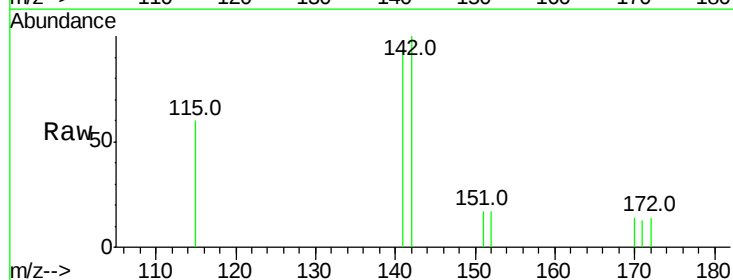
Instrument :
BNA_E
ClientSampled :

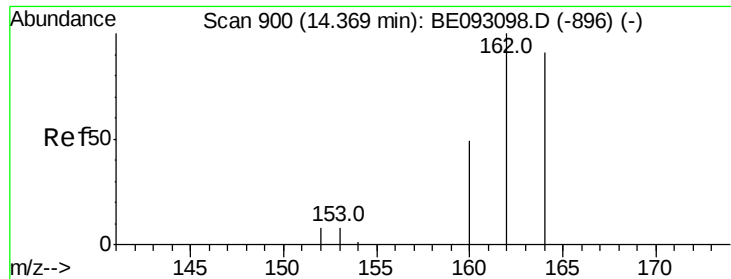
Tot Ion:152 Resp: 1890
Ion Ratio Lower Upper
152 100
151 20.0 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

Tgt Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
141 94.2 72.6 108.8
115 60.4 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

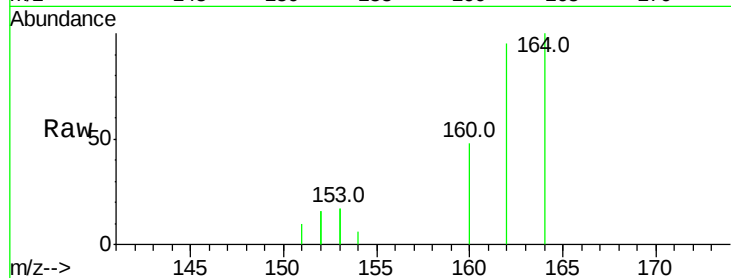
Tot Ion:164 Resp: 2741

Ion Ratio Lower Upper

164 100

162 95.4 84.6 127.0

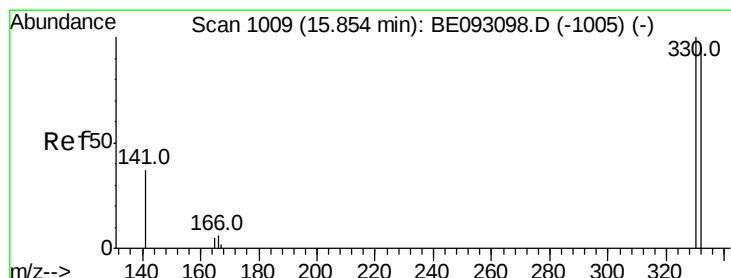
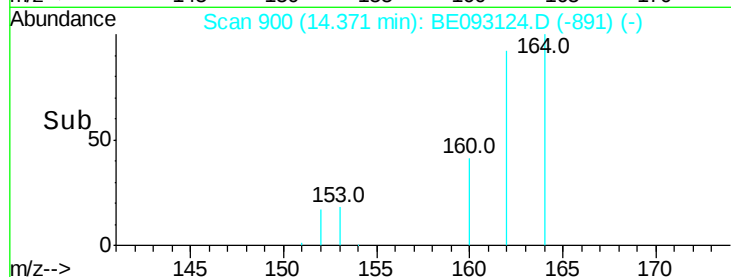
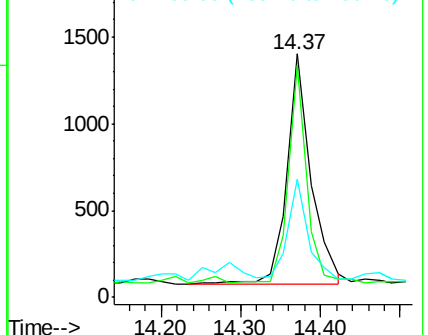
160 48.4 41.8 62.6



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: 0.58 ng

RT: 15.85 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

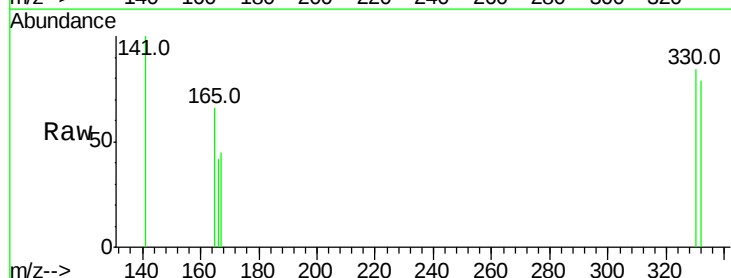
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

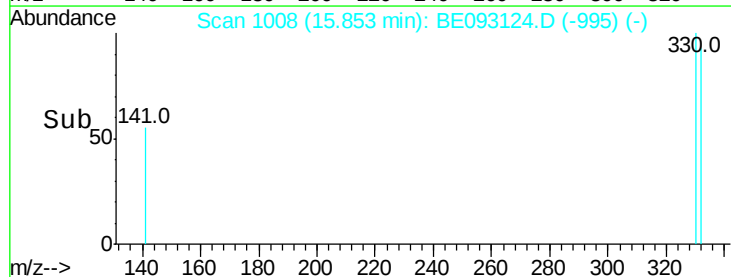
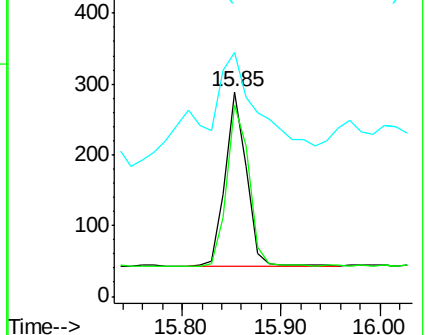
141 193.1 56.2 84.4#

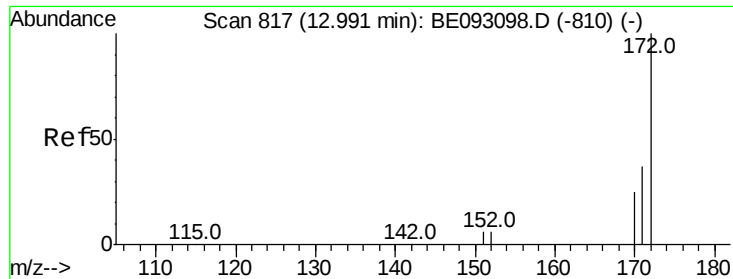


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

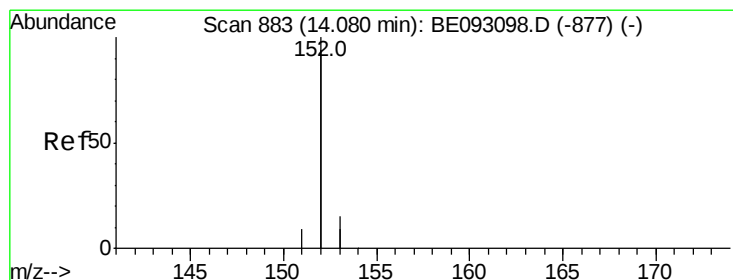
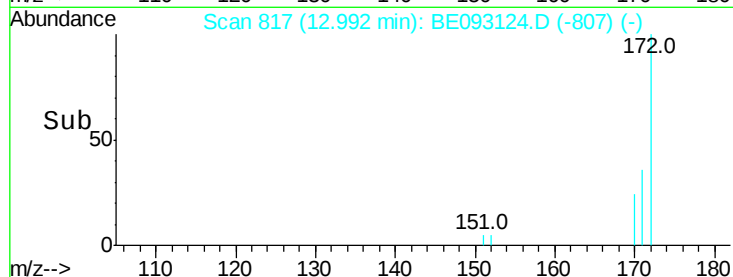
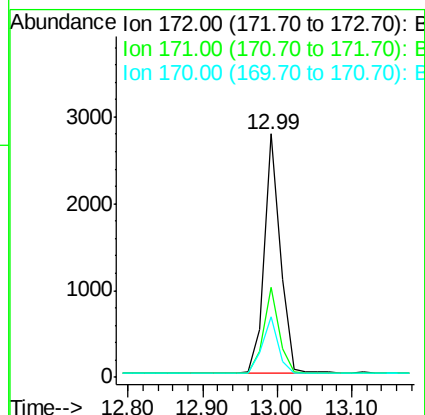
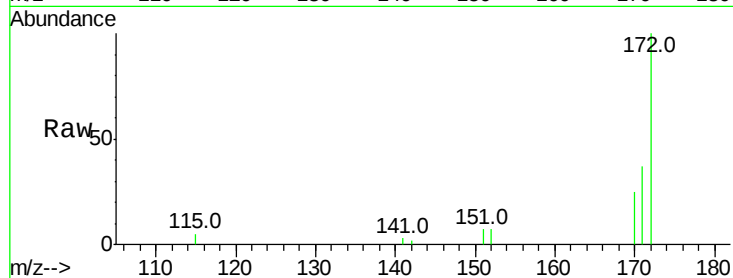




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

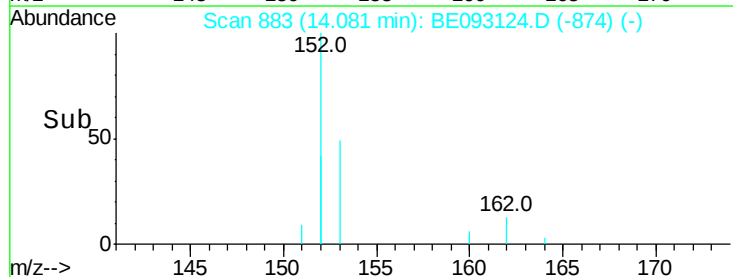
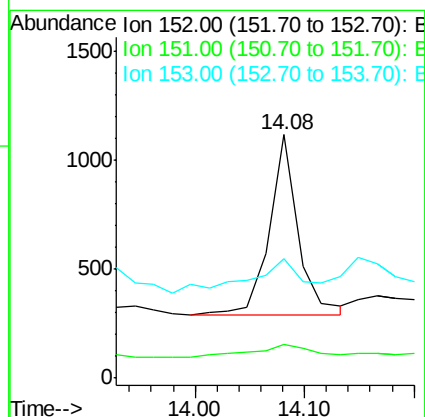
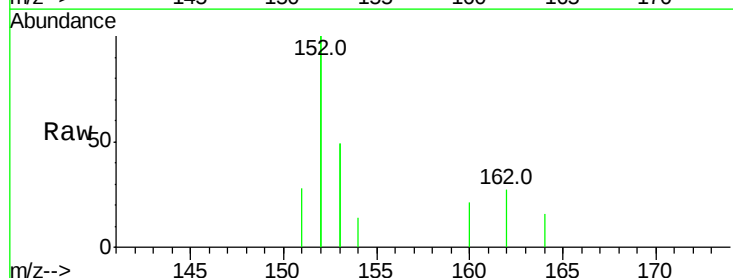
Instrument :
BNA_E
ClientSampleId :

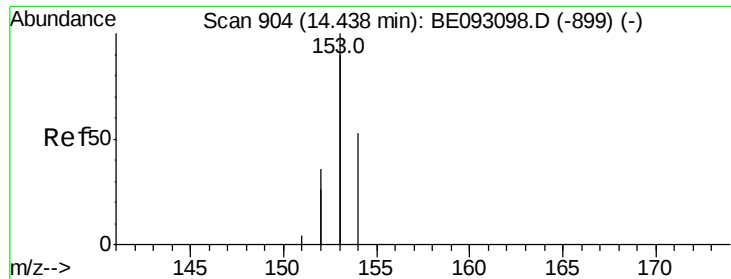
Tot Ion:172 Resp: 4134
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093124.D
Acq: 13 Jun 2017 4:58

Tgt Ion:152 Resp: 1531
Ion Ratio Lower Upper
152 100
151 13.3 4.0 6.0#
153 32.7 10.3 15.5#





#17

Acenaphthene

Concen: 0.31 ng

RT: 14.42 min Scan# 903

Delta R.T. -0.02 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

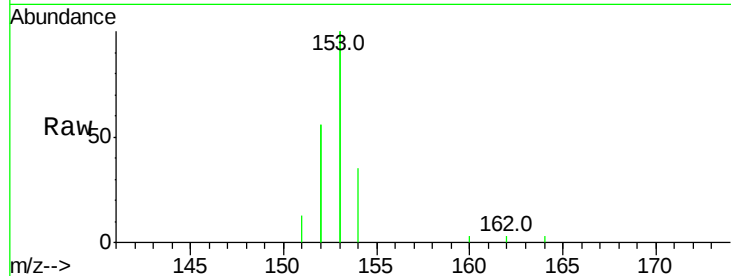
Tot Ion:154 Resp: 2778

Ion Ratio Lower Upper

154 100

153 489.1 367.8 551.6

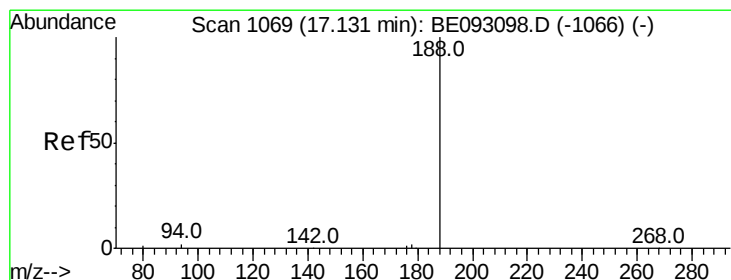
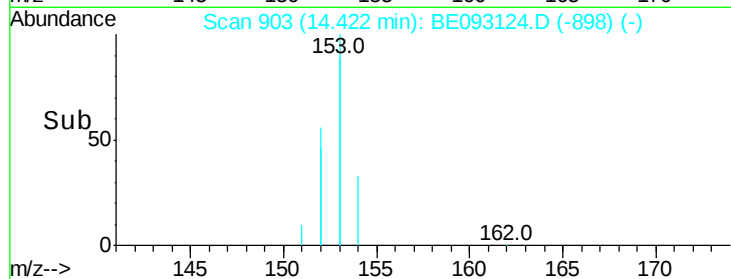
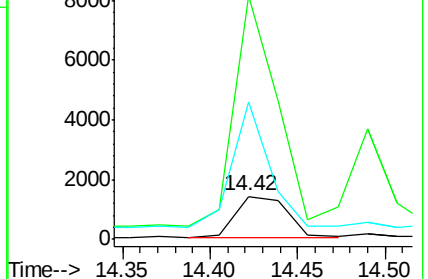
152 221.8 188.2 282.2



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



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

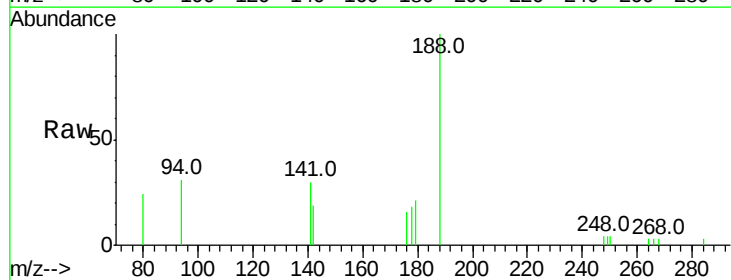
Tgt Ion:188 Resp: 3415

Ion Ratio Lower Upper

188 100

94 31.5 11.3 16.9#

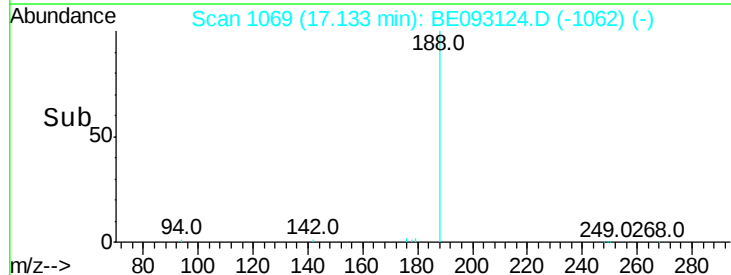
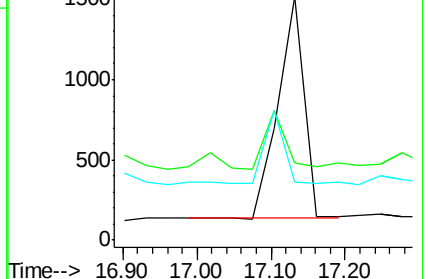
80 23.8 11.7 17.5#

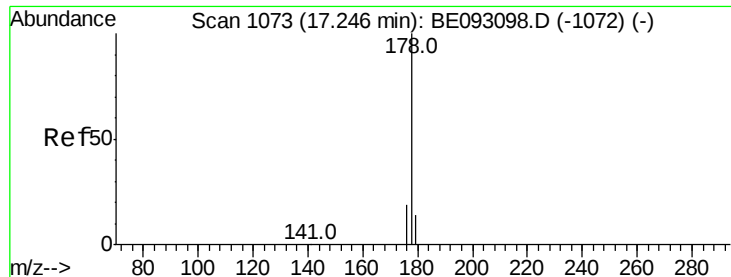


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Anthracene

Concen: 0.12 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampled :

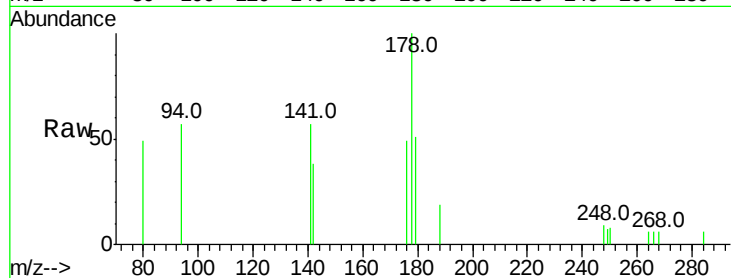
Tot Ion:178 Resp: 1507

Ion Ratio Lower Upper

178 100

176 36.6 14.6 22.0#

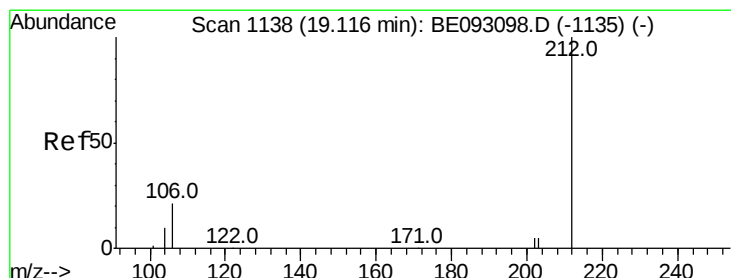
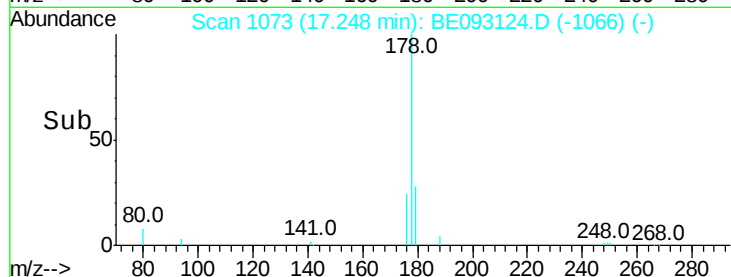
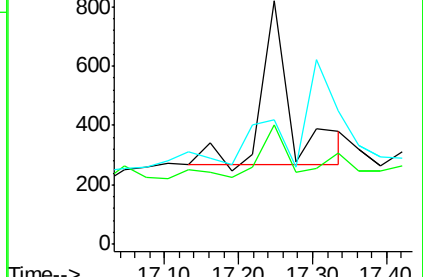
179 0.0 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.47 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

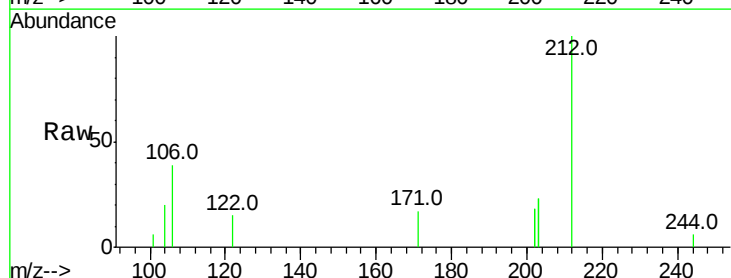
Tgt Ion:212 Resp: 5311

Ion Ratio Lower Upper

212 100

106 19.5 0.0 0.0#

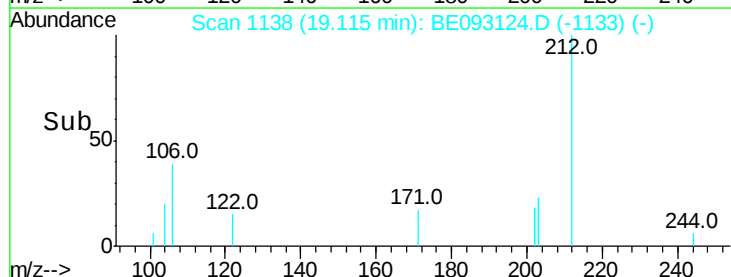
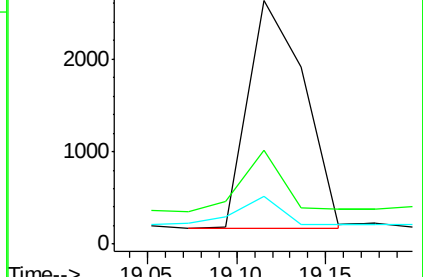
104 10.0 0.0 0.0#

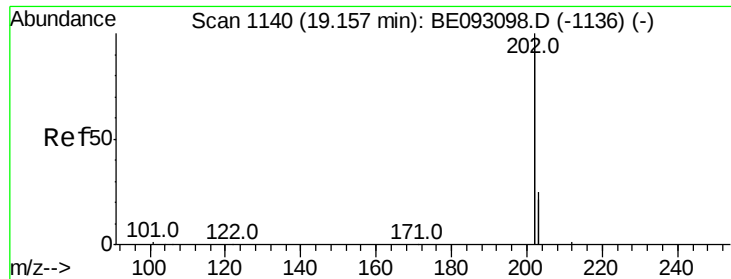


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

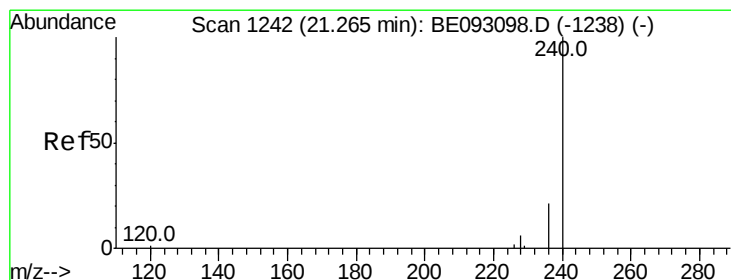
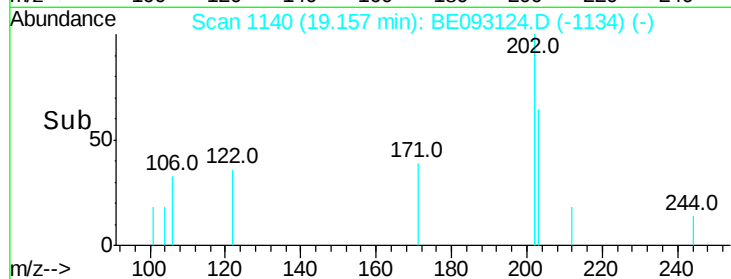
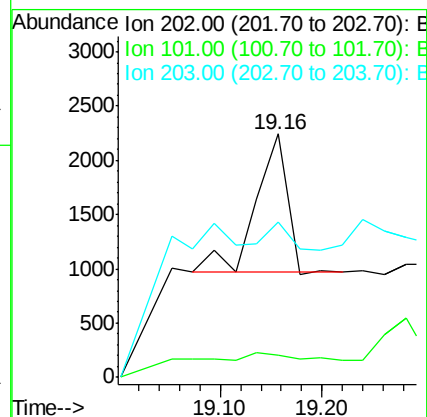
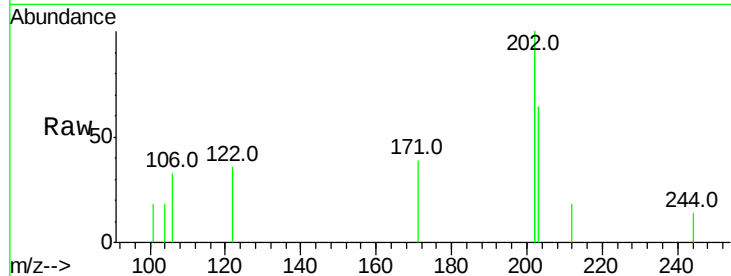




#26
 Fluoranthene
 Concen: 0.05 ng
 RT: 19.16 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

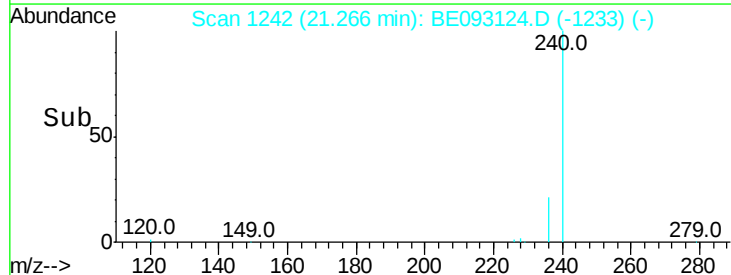
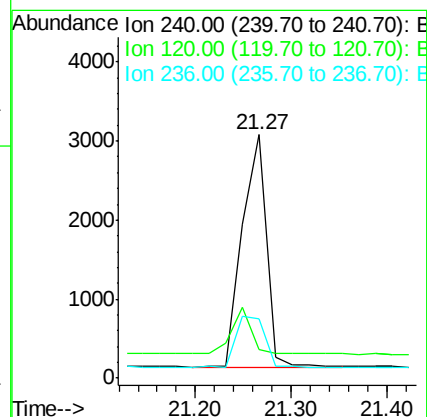
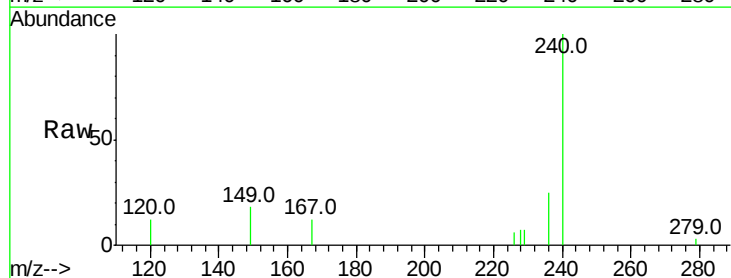
Instrument :
 BNA_E
 ClientSampled :

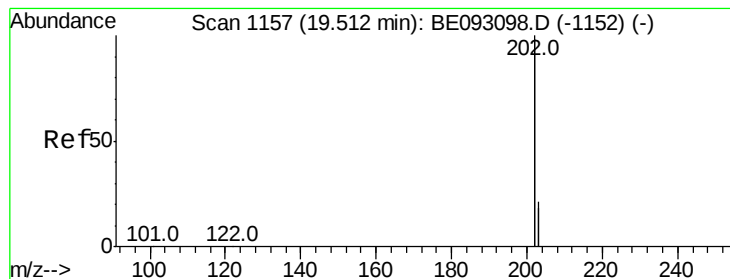
Tot Ion:202 Resp: 2673
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 0.0 14.4 21.6#



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.27 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BE093124.D
 Acq: 13 Jun 2017 4:58

Tgt Ion:240 Resp: 5145
 Ion Ratio Lower Upper
 240 100
 120 11.5 4.6 7.0#
 236 24.6 20.8 31.2





#28

Pvrene

Concen: 0.15 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

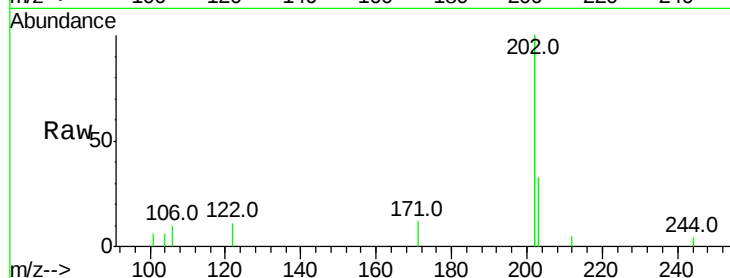
Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :



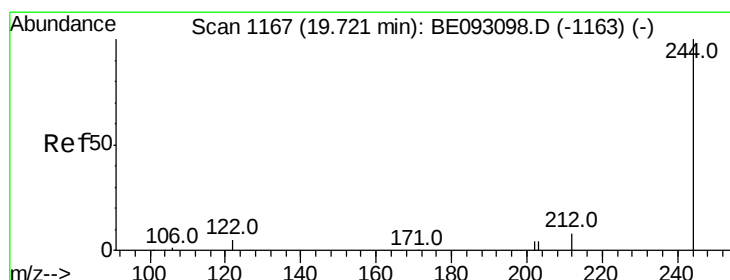
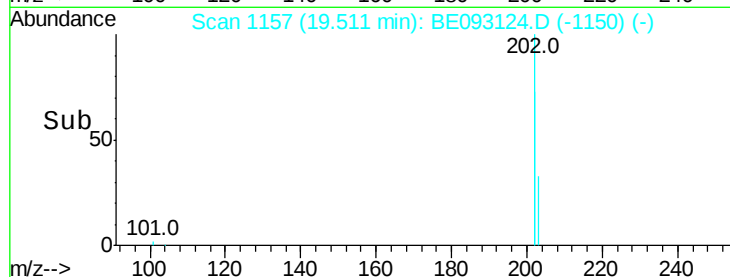
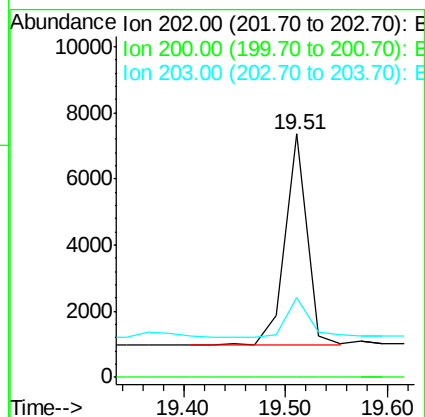
Tot Ion:202 Resp: 9448

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

203 20.9 13.7 20.5#



#29

Terphenyl-d14

Concen: 0.57 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

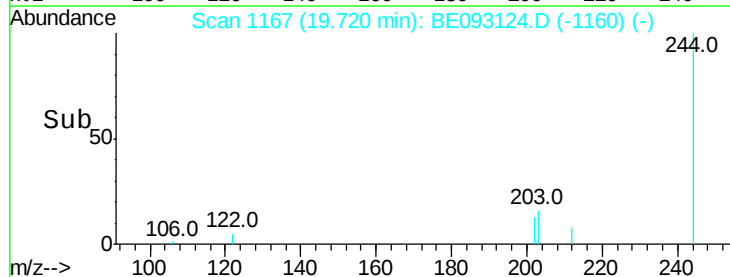
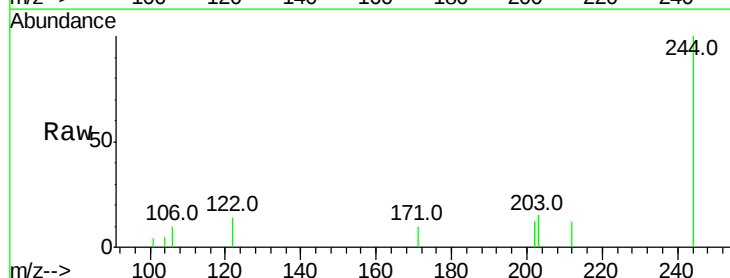
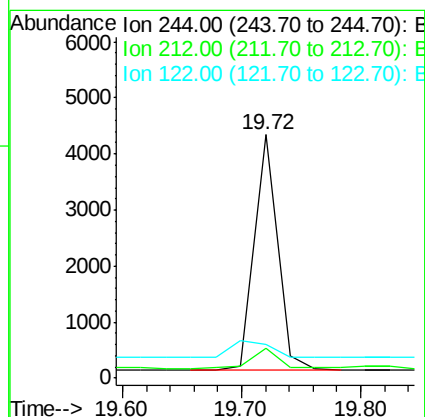
Tgt Ion:244 Resp: 5691

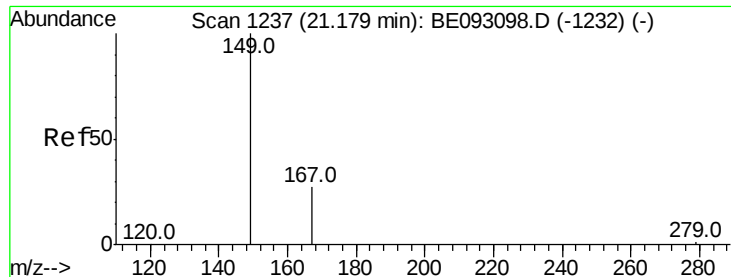
Ion Ratio Lower Upper

244 100

212 12.4 10.6 16.0

122 13.9 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

Instrument :

BNA_E

ClientSampleId :

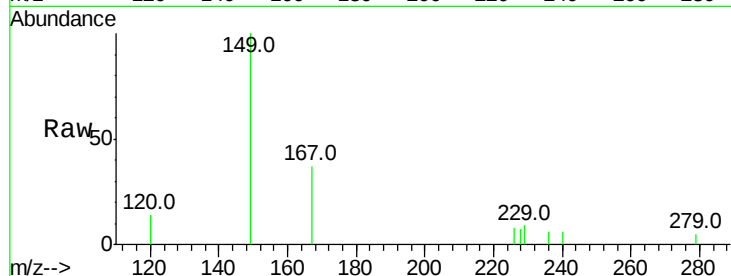
Tot Ion:149 Resp: 2256

Ion Ratio Lower Upper

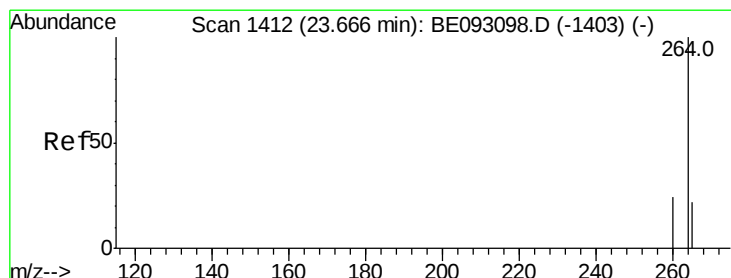
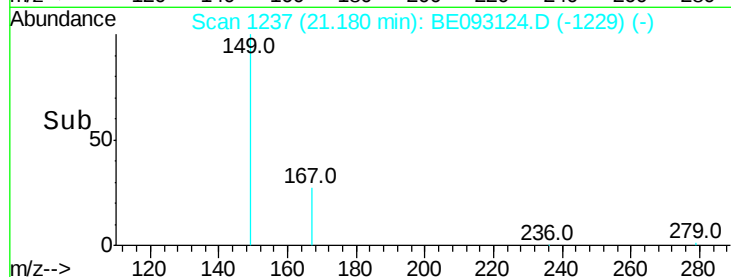
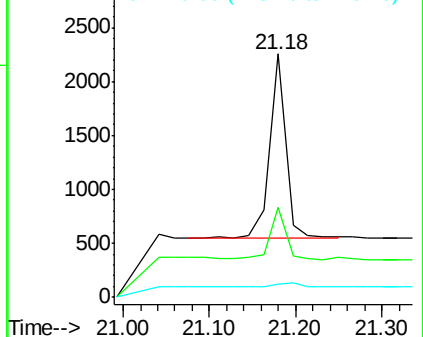
149 100

167 27.5 20.1 30.1

279 3.9 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: 23.67 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE093124.D

Acq: 13 Jun 2017 4:58

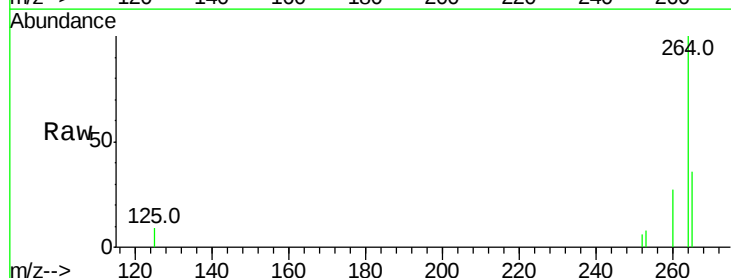
Tgt Ion:264 Resp: 4373

Ion Ratio Lower Upper

264 100

260 26.9 21.0 31.4

265 36.1 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

