

Data Path : S:\HPCHEM1\BNA_E\DATA\BE050517\
 Data File : BE092947.D
 Acq On : 6 May 2017 1:59
 Operator : SJ/MA
 Sample : I2893-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3069-SPP4

Quant Time: May 06 05:20:16 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:05:07 2017
 Response via : Initial Calibration

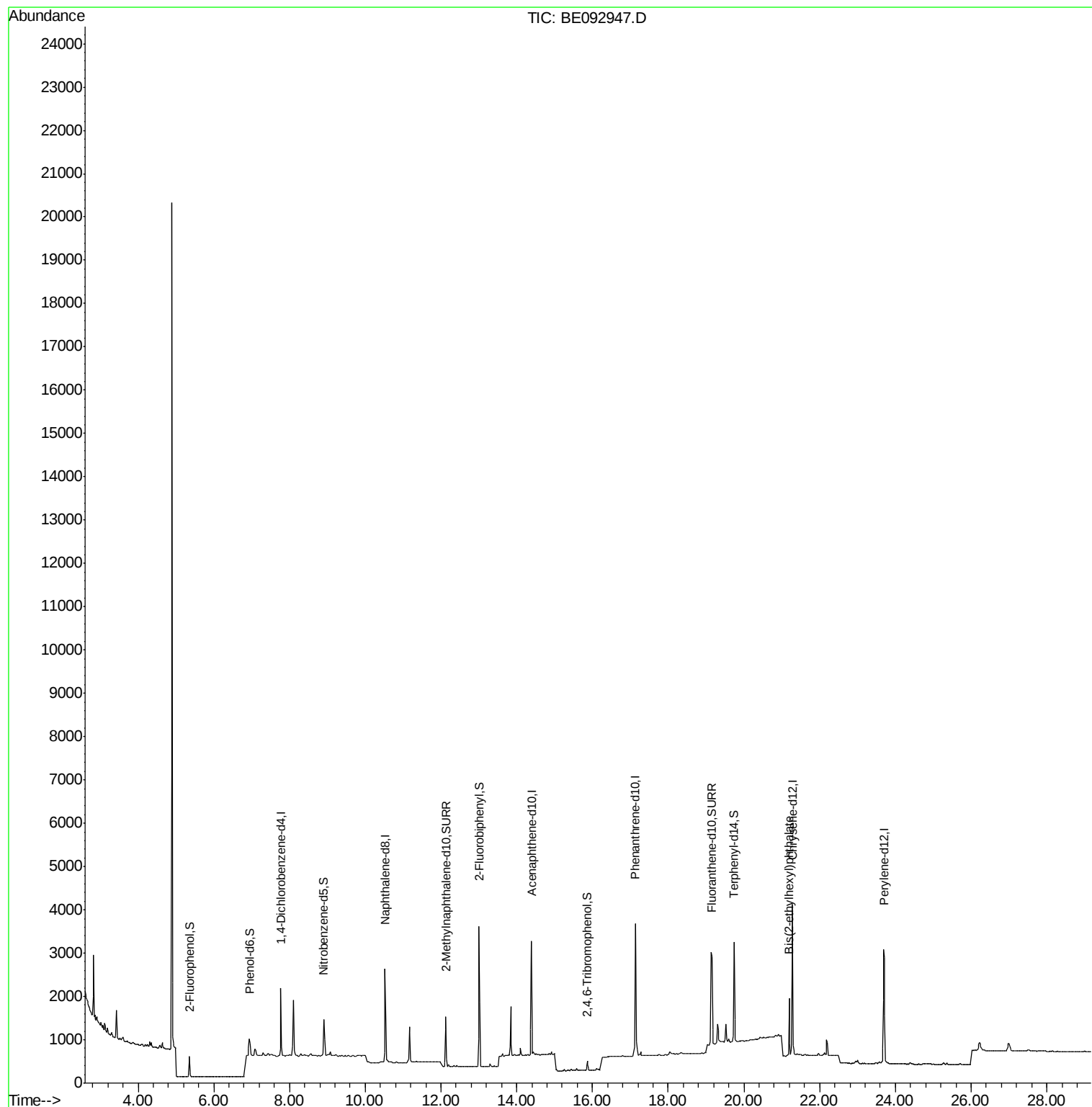
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	767	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3215	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1534	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4018	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4548	0.40	ng	0.00
33) Perylene-d12	23.69	264	4062	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	332	0.19	ng	0.00
5) Phenol-d6	6.95	99	282	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	883	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1768	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	131	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	3000	0.43	ng	0.00
24) Fluoranthene-d10	19.15	212	4078	0.44	ng	0.00
28) Terphenyl-d14	19.73	244	2800	0.35	ng	0.00
Target Compounds						Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	1320	0.45	ng	# 97

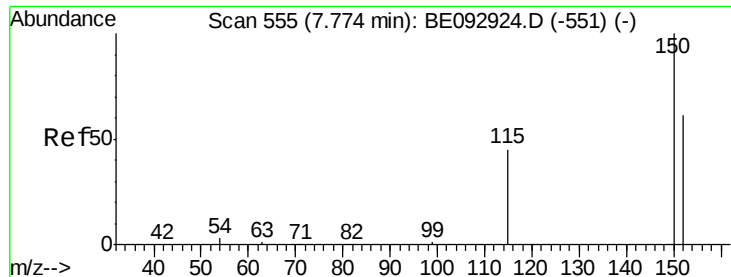
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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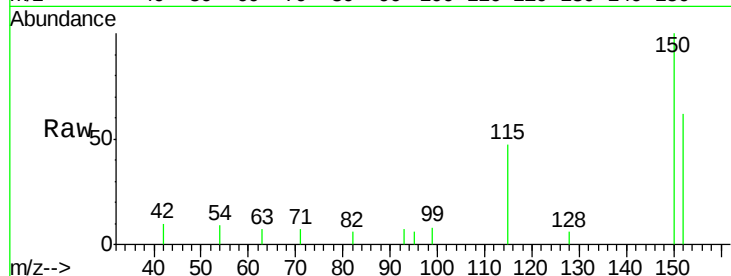


#1

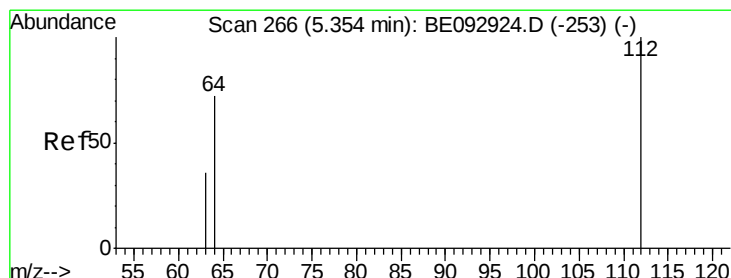
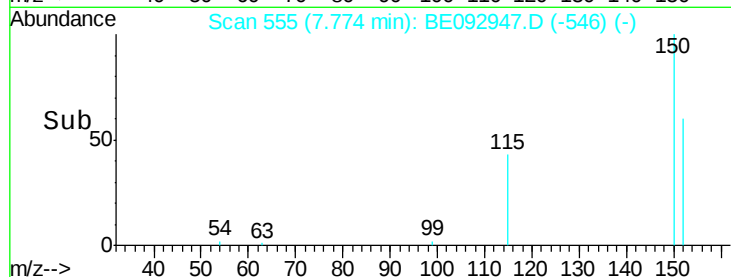
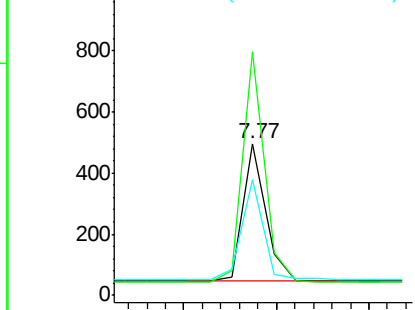
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092947.D
Acq: 6 May 2017 1:59

Instrument :
BNA_E
ClientSampled :
3069-SPP4

Tgt Ion:152 Resp: 767
Ion Ratio Lower Upper
152 100
150 160.4 129.9 194.9
115 76.1 62.6 93.8



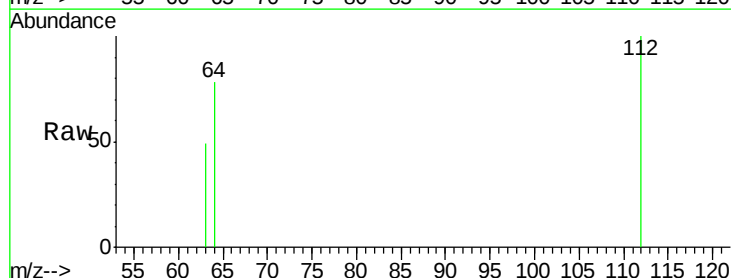
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



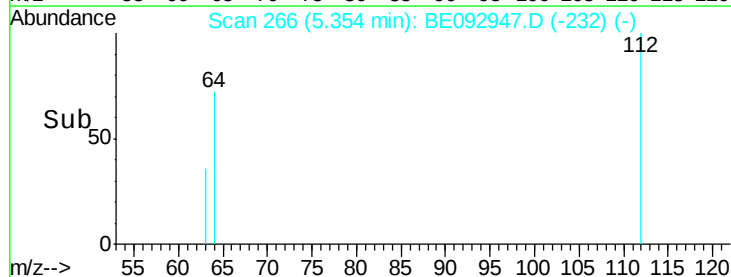
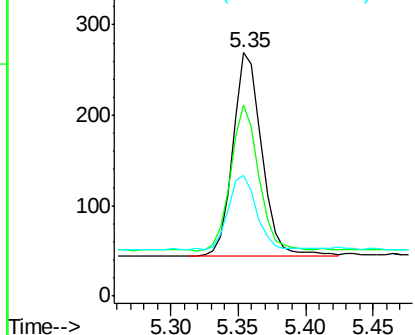
#4

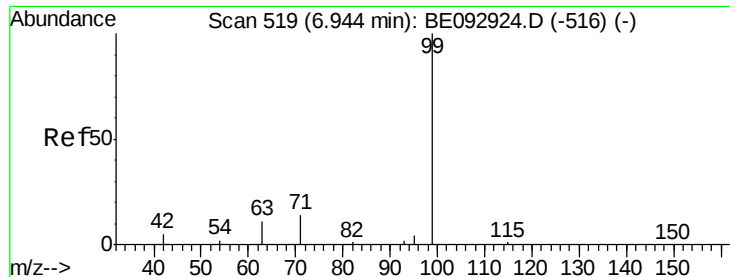
2-Fluorophenol
Concen: 0.19 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092947.D
Acq: 6 May 2017 1:59

Tgt Ion:112 Resp: 332
Ion Ratio Lower Upper
112 100
64 70.8 52.6 79.0
63 36.1 29.0 43.4



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: 0.12 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

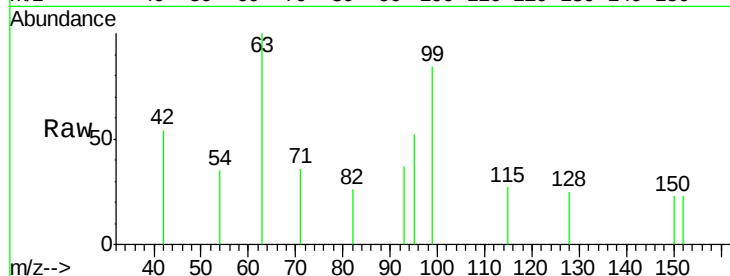
Tgt Ion: 99 Resp: 282

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

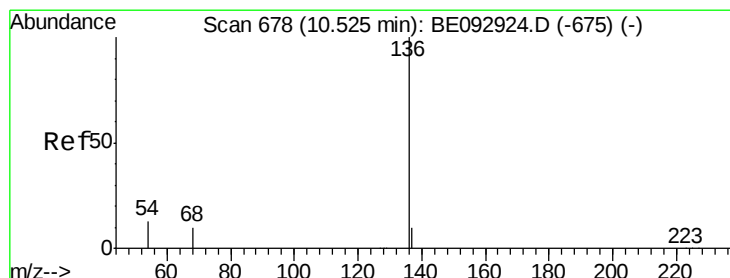
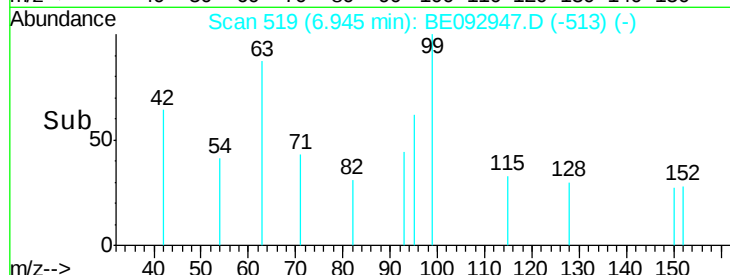
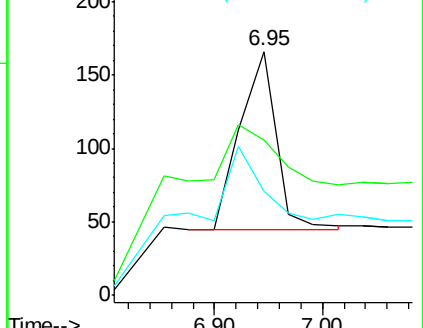
71 0.0 0.0 0.0



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: BE092947.D

Acq: 6 May 2017 1:59

Tgt Ion: 136 Resp: 3215

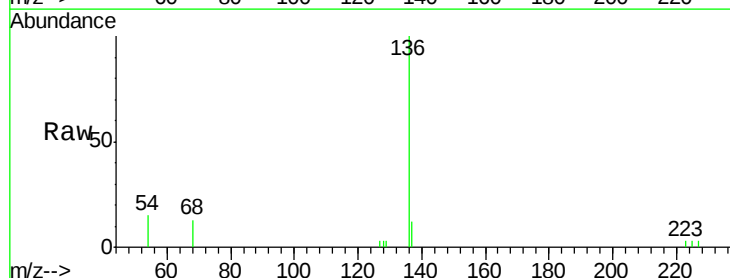
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 14.6 12.6 18.8

68 12.8 10.7 16.1

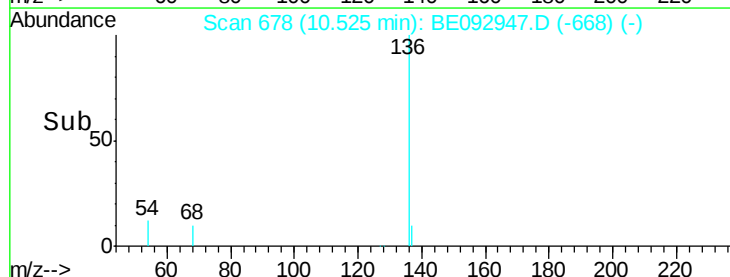
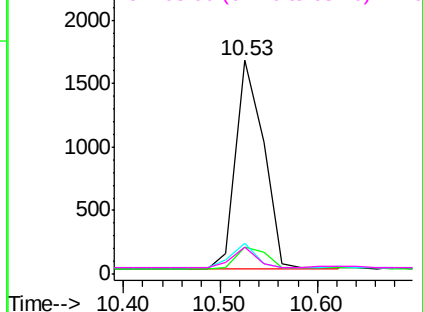


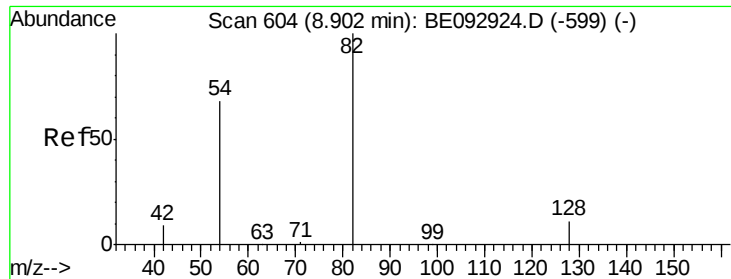
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.41 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

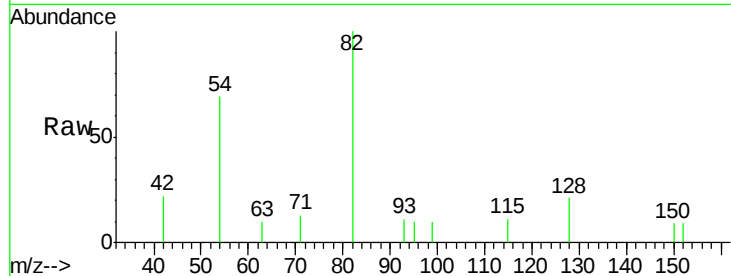
Tgt Ion: 82 Resp: 883

Ion Ratio Lower Upper

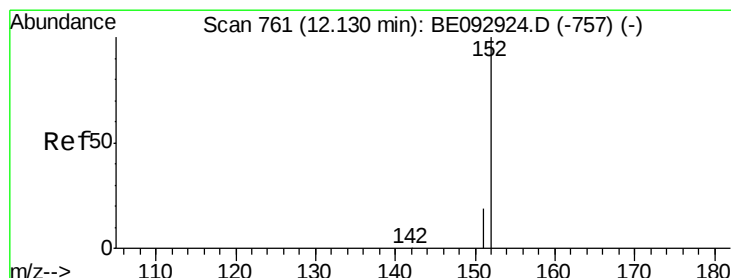
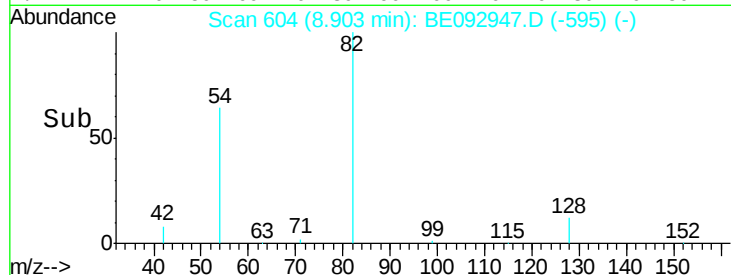
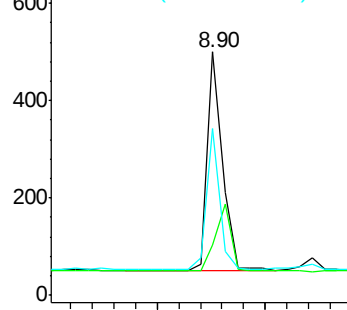
82 100

128 20.8 35.3 52.9#

54 68.6 65.1 97.7



Abundance Ion 82.00 (81.70 to 82.70): BE092924.D (-599) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.13 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE092947.D

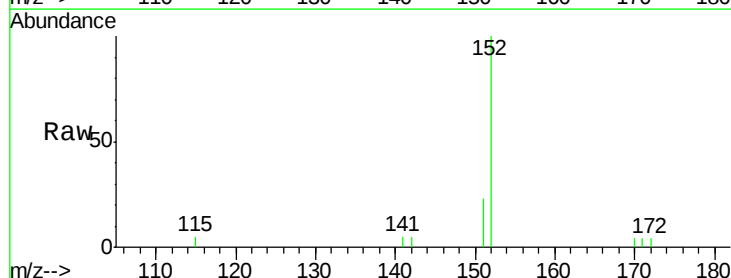
Acq: 6 May 2017 1:59

Tgt Ion: 152 Resp: 1768

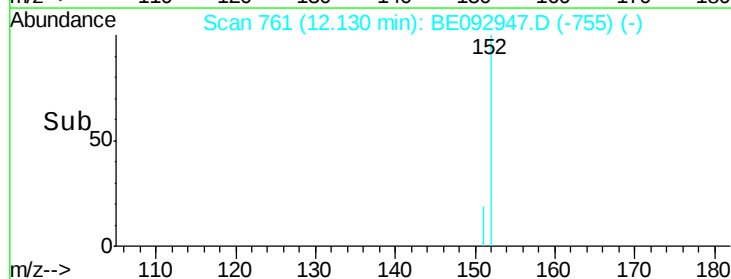
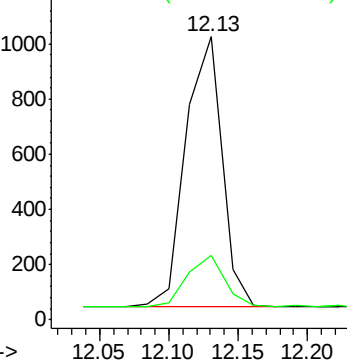
Ion Ratio Lower Upper

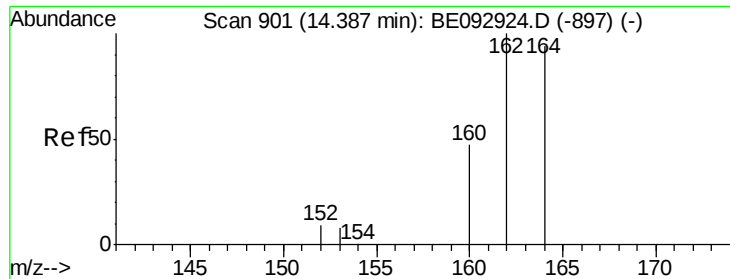
152 100

151 19.6 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): BE092924.D (-757) (-)

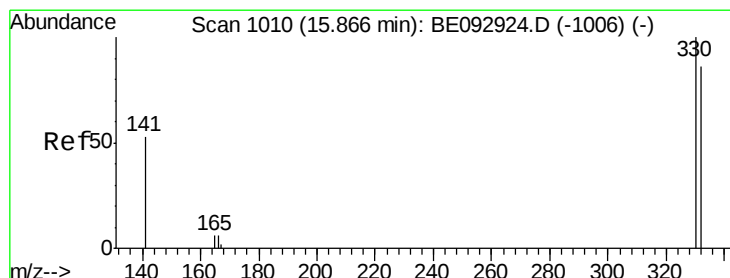
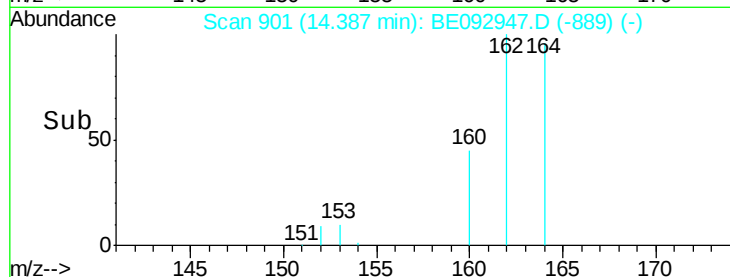
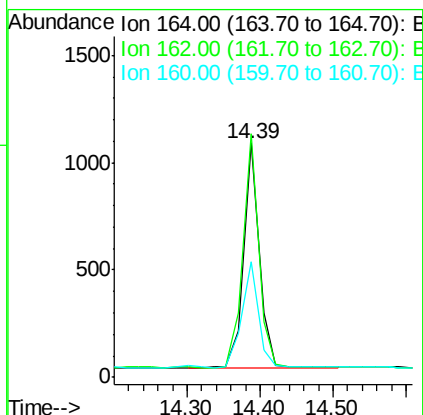
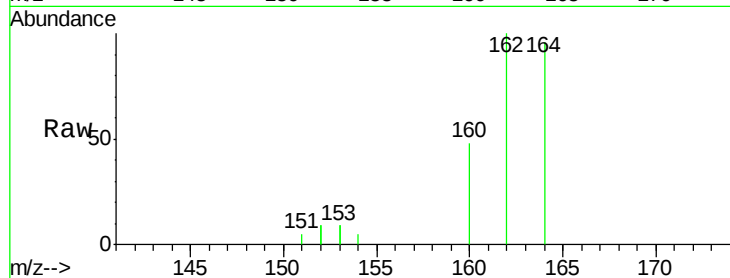




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092947.D
Acq: 6 May 2017 1:59

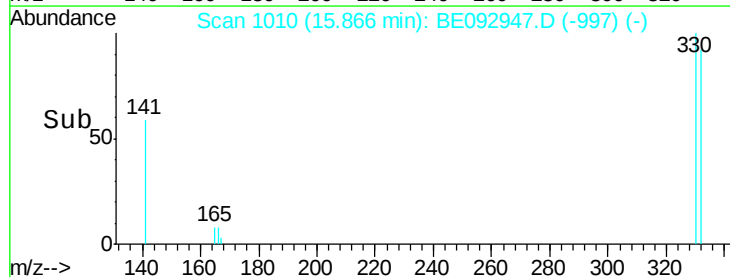
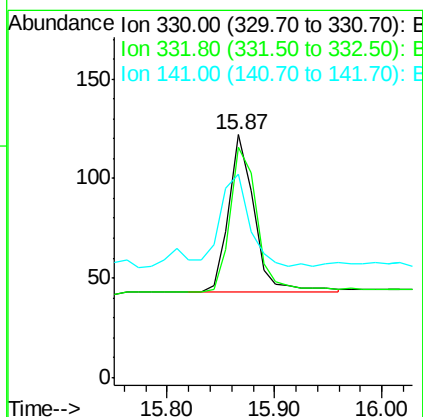
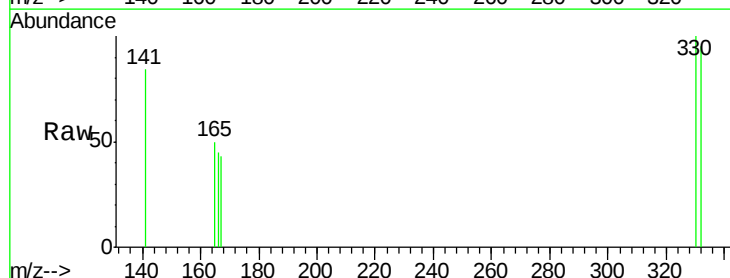
Instrument :
BNA_E
ClientSampleId :
3069-SPP4

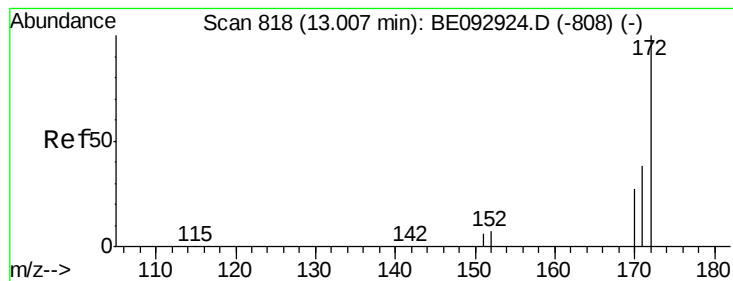
Tgt Ion:164 Resp: 1534
Ion Ratio Lower Upper
164 100
162 103.8 86.6 130.0
160 49.5 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092947.D
Acq: 6 May 2017 1:59

Tgt Ion:330 Resp: 131
Ion Ratio Lower Upper
330 100
332 97.7 69.1 103.7
141 64.9 54.6 81.8





#15

2-Fluorobiphenyl

Concen: 0.43 ng

RT: 13.01 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

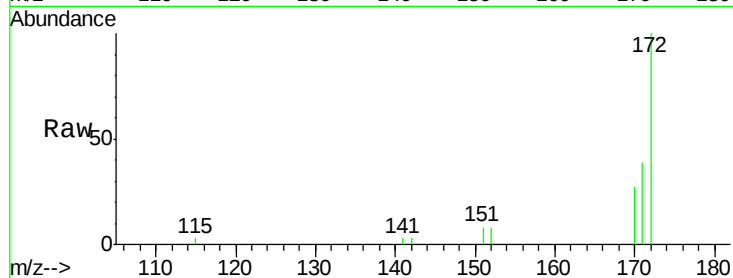
Tgt Ion:172 Resp: 3000

Ion Ratio Lower Upper

172 100

171 38.6 35.8 53.6

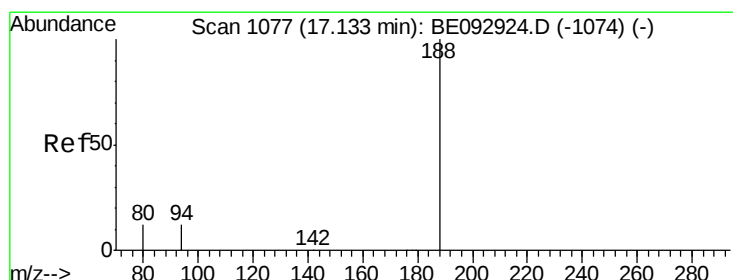
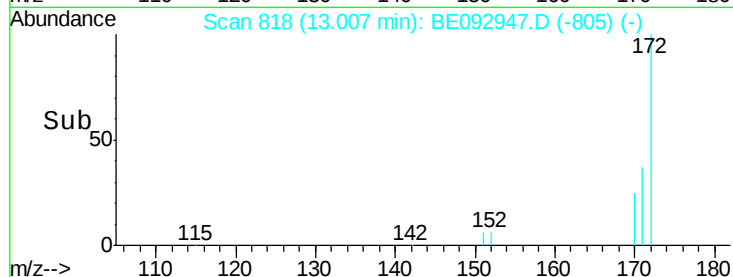
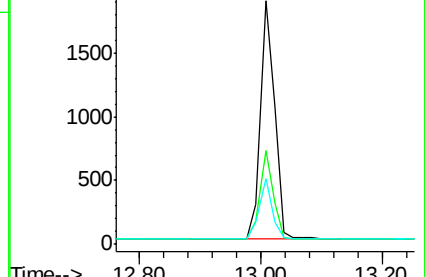
170 27.0 28.5 42.7#



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# 1077

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

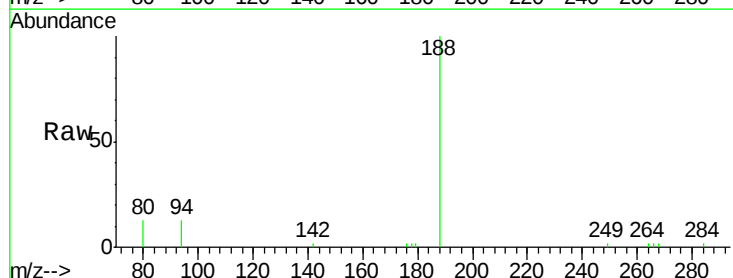
Tgt Ion:188 Resp: 4018

Ion Ratio Lower Upper

188 100

94 12.6 10.2 15.4

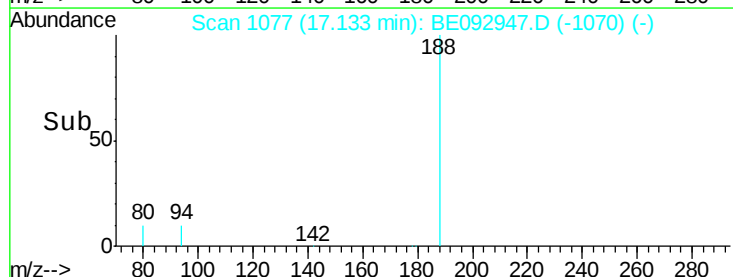
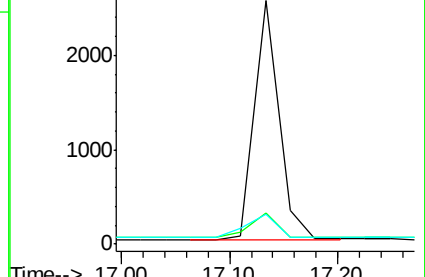
80 12.5 10.6 15.8

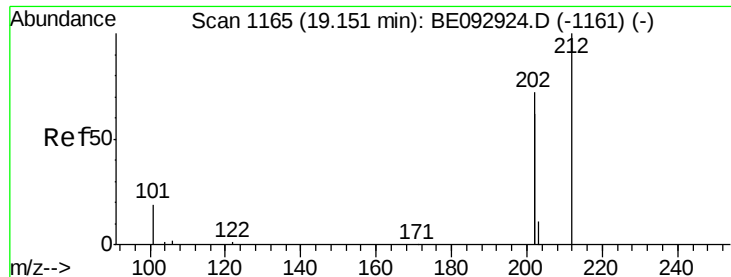


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#24

Fluoranthene-d10

Concen: 0.44 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

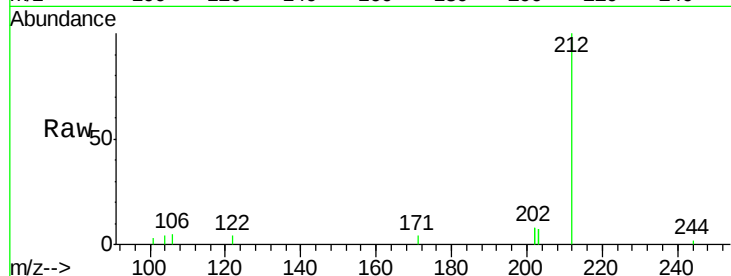
Tgt Ion:212 Resp: 4078

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

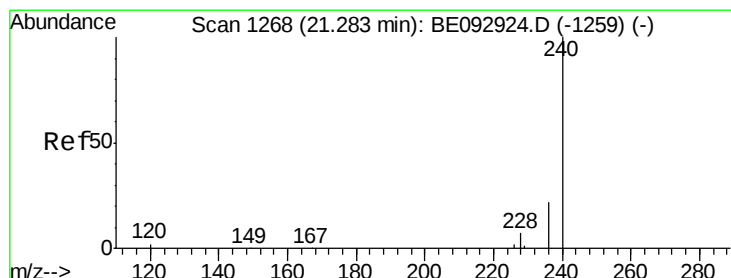
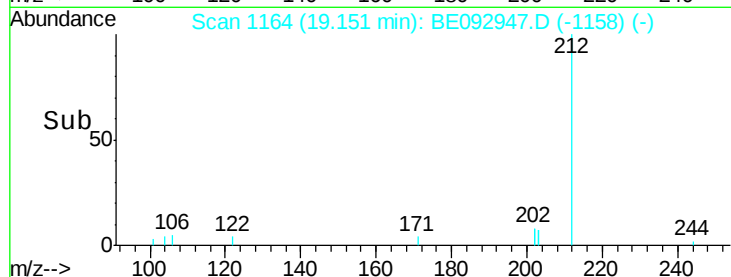
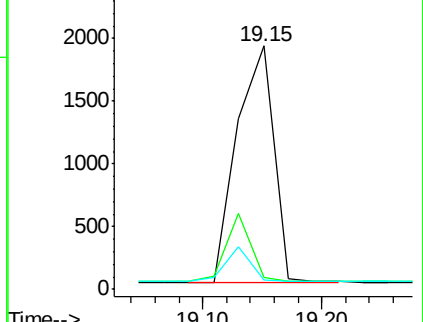
104 0.0 0.0 0.0



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

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

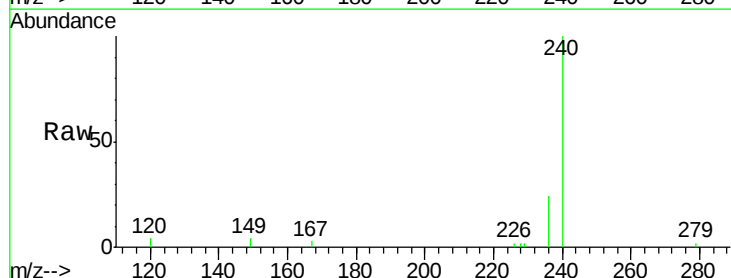
Tgt Ion:240 Resp: 4548

Ion Ratio Lower Upper

240 100

120 4.2 4.6 6.8#

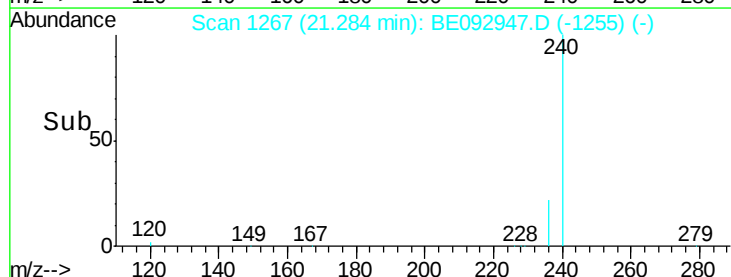
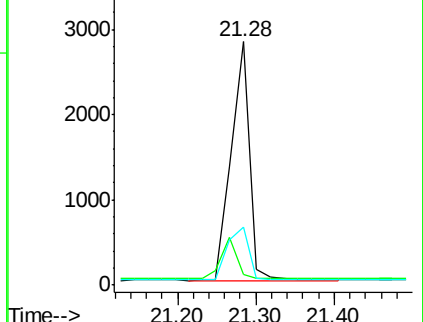
236 23.8 19.8 29.8

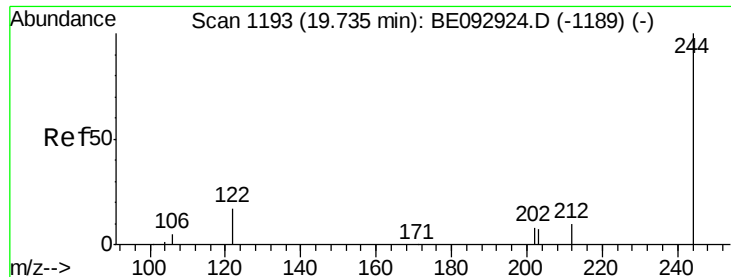


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.35 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

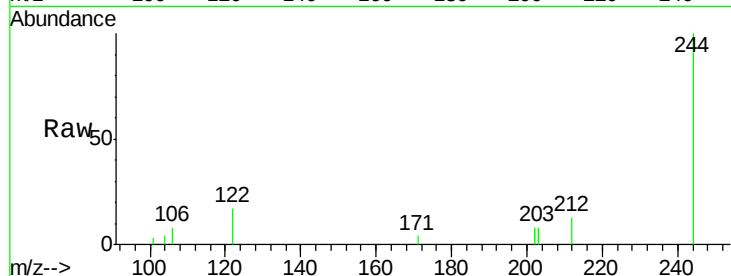
Tgt Ion:244 Resp: 2800

Ion Ratio Lower Upper

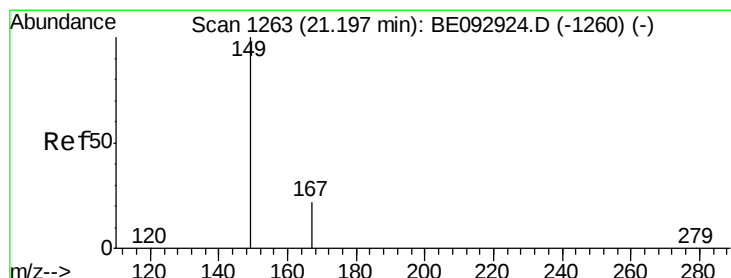
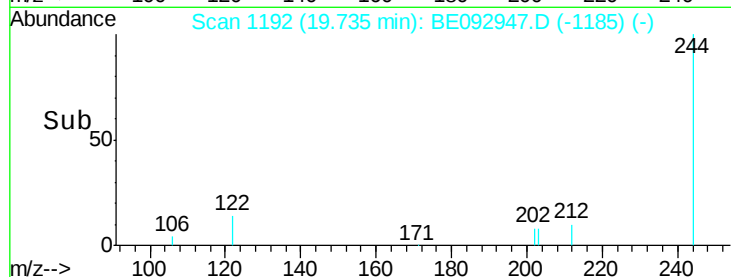
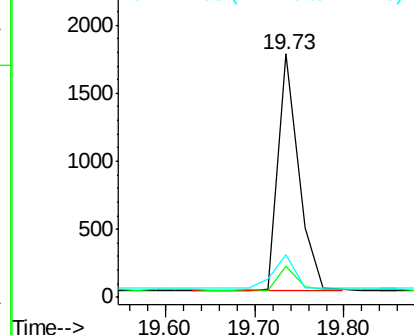
244 100

212 12.9 18.4 27.6#

122 17.4 23.3 34.9#



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.45 ng

RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

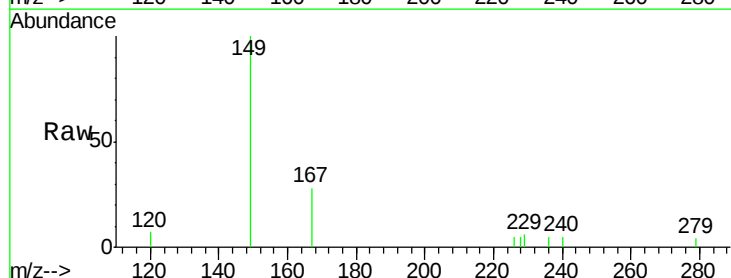
Tgt Ion:149 Resp: 1320

Ion Ratio Lower Upper

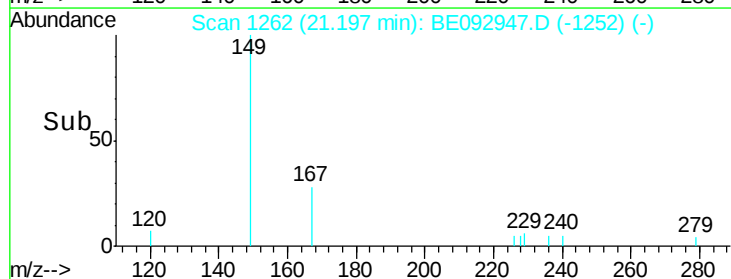
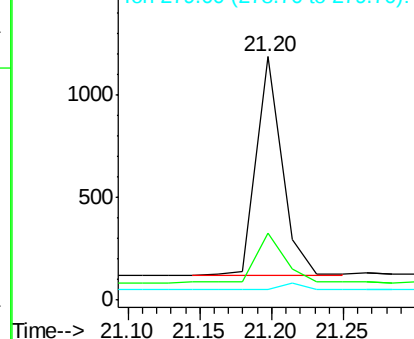
149 100

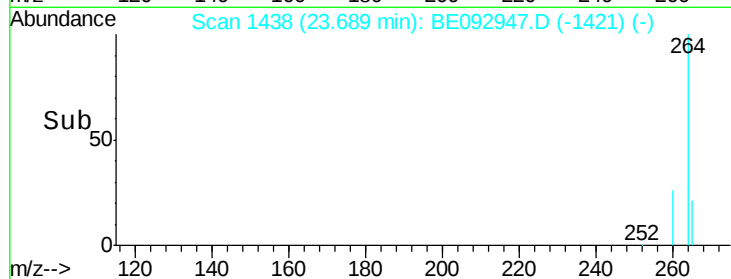
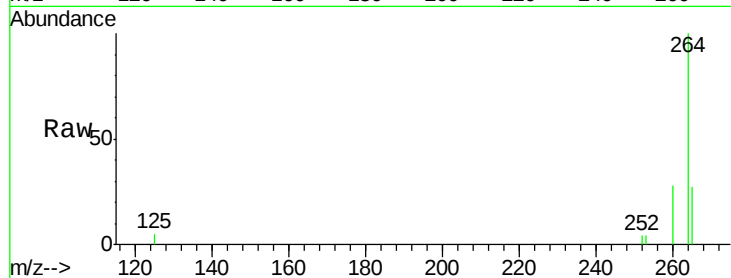
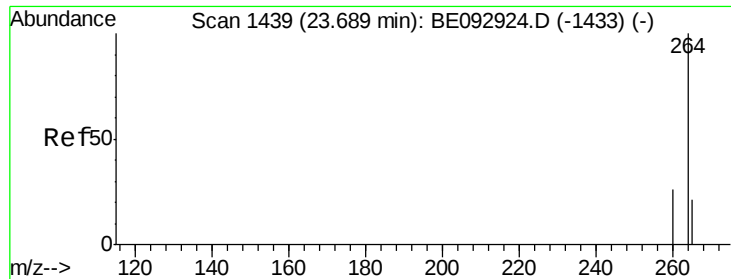
167 27.4 20.9 31.3

279 2.7 0.0 0.0#



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





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE092947.D

Acq: 6 May 2017 1:59

Instrument :

BNA_E

ClientSampleId :

3069-SPP4

Tgt Ion: 264 Resp: 4062

Ion Ratio Lower Upper

264 100

260 28.1 23.5 35.3

265 26.9 27.2 40.8#

