

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011917\
 Data File : BE092668.D
 Acq On : 19 Jan 2017 22:00
 Operator : UM/SJ
 Sample : I1270-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170117

Quant Time: Jan 20 02:23:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8812	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	39746	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	26607	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	61211	5.00	ng	0.00
24) Chrysene-d12	21.72	240	68910	5.00	ng	0.00
31) Perylene-d12	24.06	264	71857	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.65	112	7159	3.64	ng	0.00
5) Phenol-d6	7.31	99	4836	2.01	ng	-0.02
8) Nitrobenzene-d5	9.32	82	11881	4.61	ng	-0.02
13) 2,4,6-Tribromophenol	16.29	330	7757	9.84	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	31432	4.80	ng	-0.01
26) Terphenyl-d14	20.14	244	52404	5.38	ng	-0.02

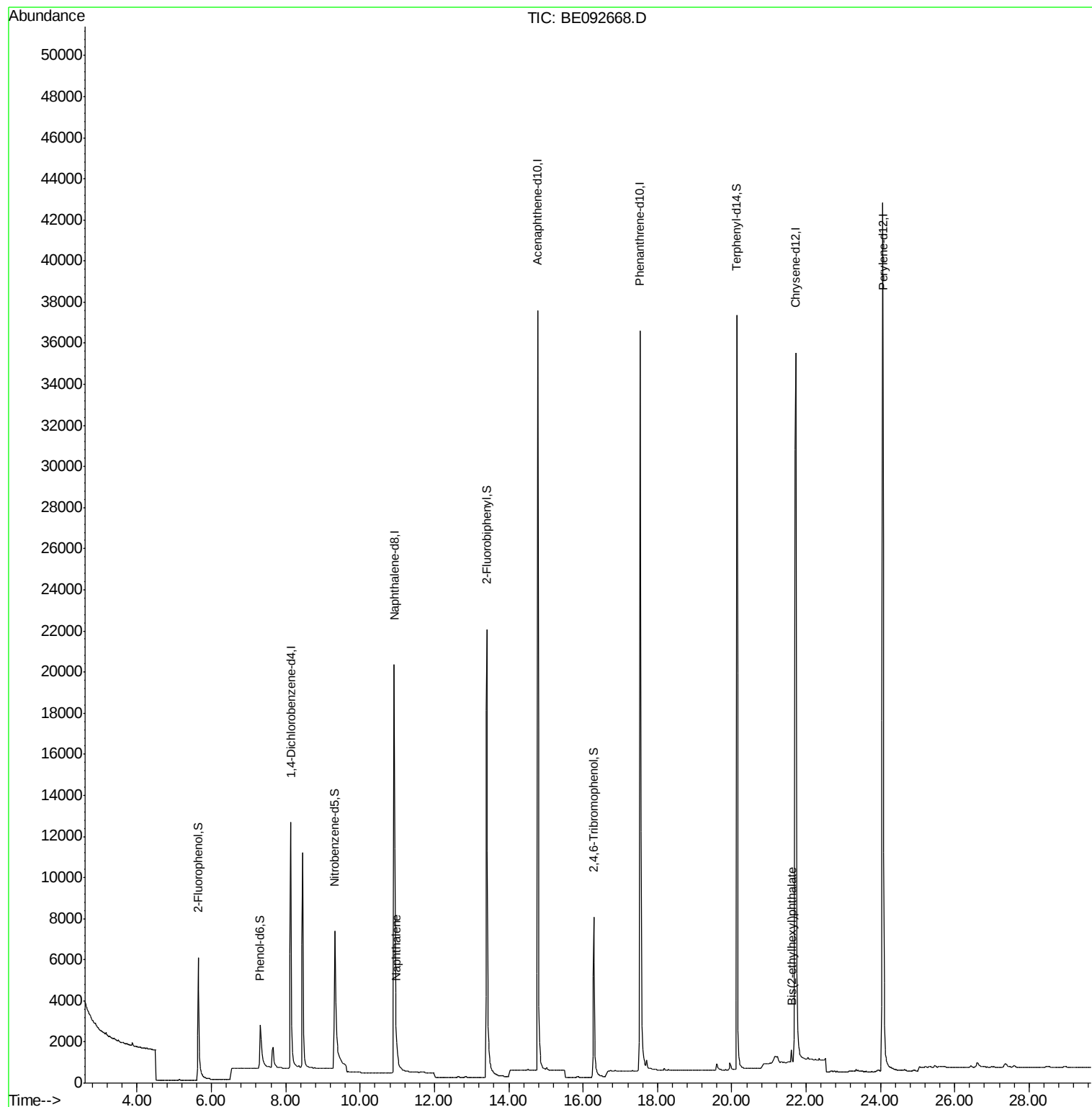
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.97	128	529	0.06	ng	# 60
29) Bis(2-ethylhexyl)phthalate	21.61	149	848	0.27	ng	# 75

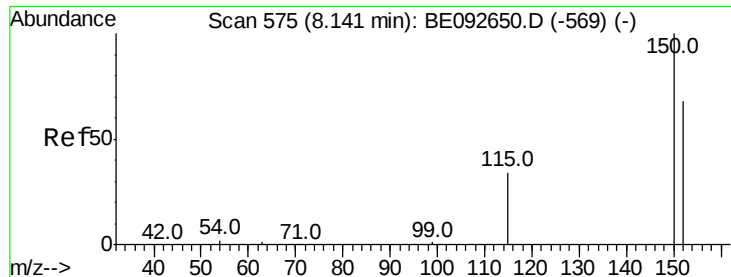
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170117

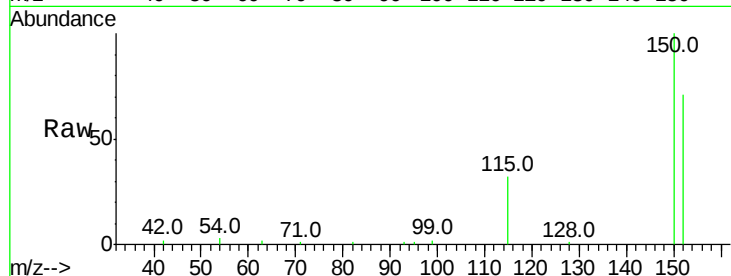
Tot Ion:152 Resp: 8812

Ion Ratio Lower Upper

152 100

150 141.0 106.0 159.0

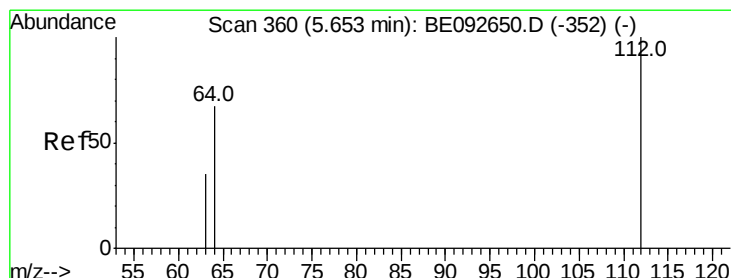
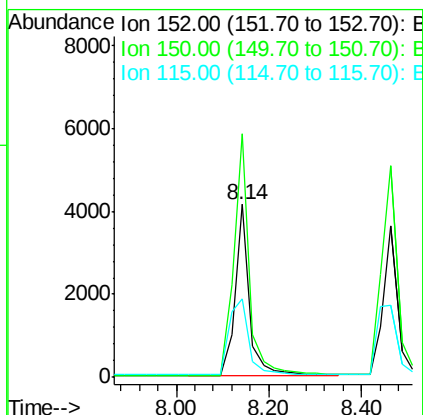
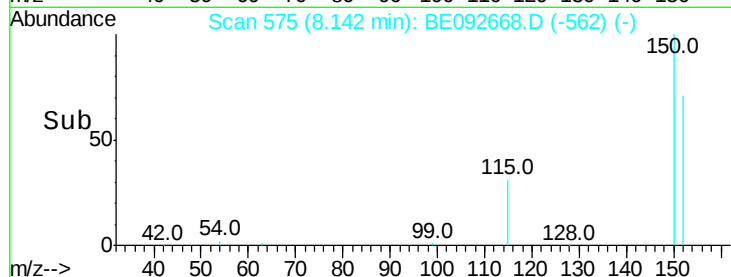
115 45.3 31.2 46.8



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: 3.64 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.01 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

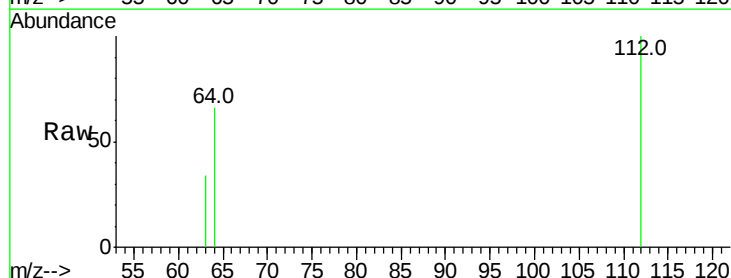
Tgt Ion:112 Resp: 7159

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

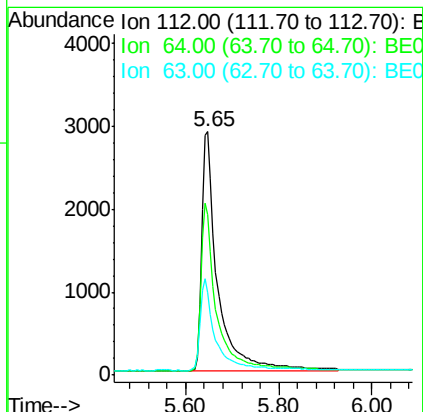
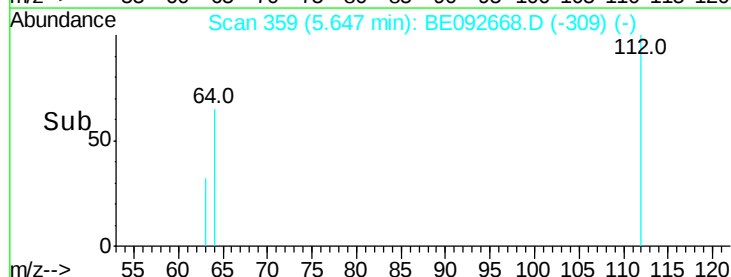
63 36.6 27.9 41.9

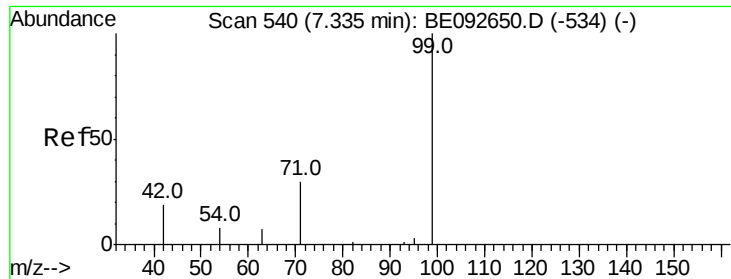


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.01 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.02 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170117

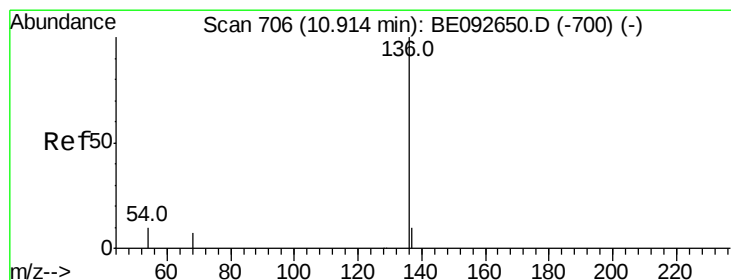
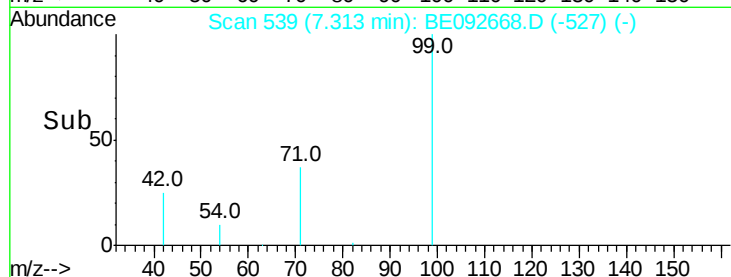
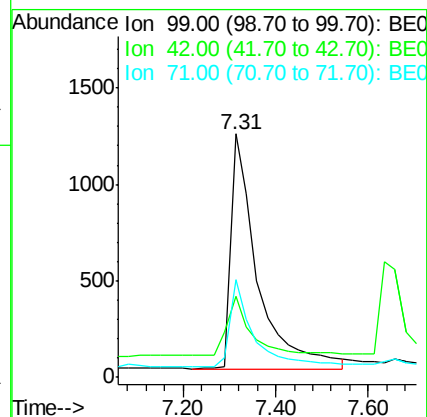
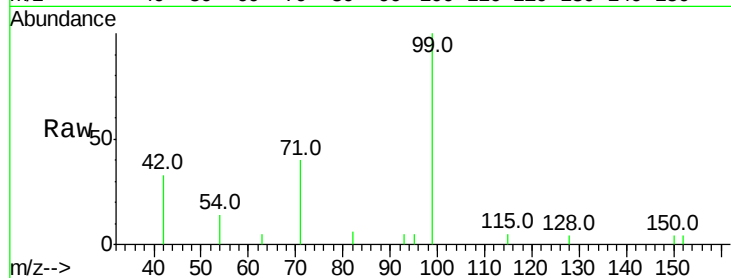
Tot Ion: 99 Resp: 4836

Ion Ratio Lower Upper

99 100

42 24.2 16.0 24.0#

71 33.6 30.6 45.8



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.91 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Tgt Ion: 136 Resp: 39746

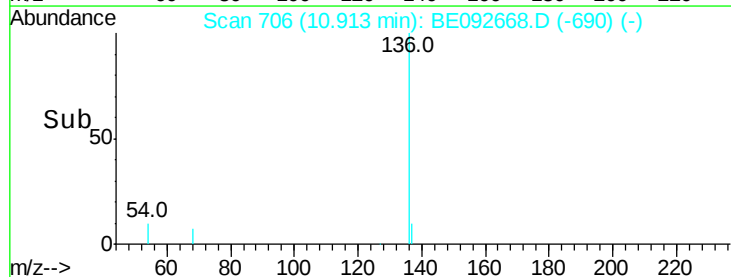
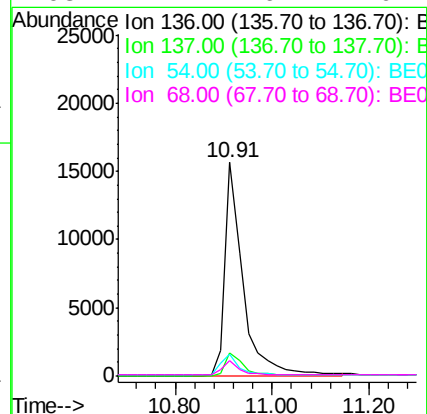
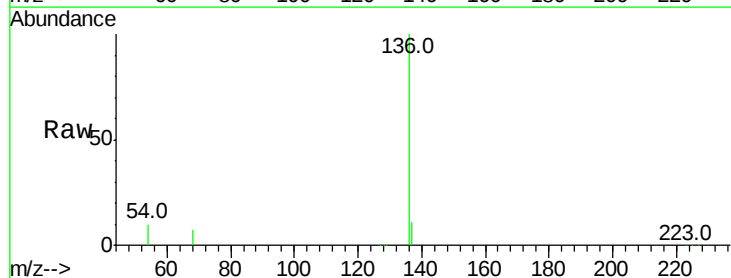
Ion Ratio Lower Upper

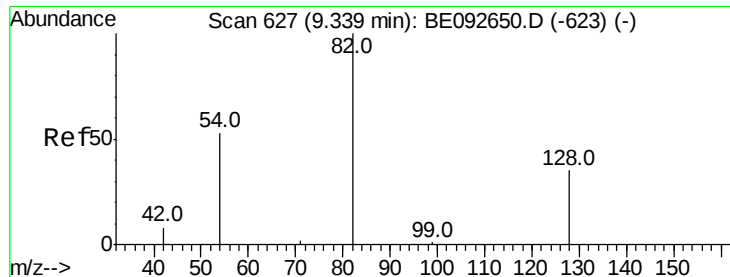
136 100

137 10.7 8.2 12.4

54 10.3 9.6 14.4

68 7.1 6.7 10.1





#8

Nitrobenzene-d5

Concen: 4.61 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.02 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170117

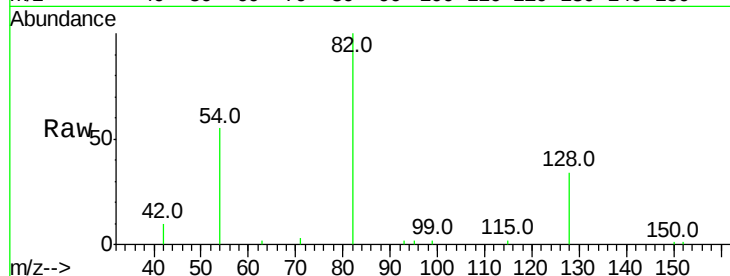
Tot Ion: 82 Resp: 11881

Ion Ratio Lower Upper

82 100

128 34.1 39.0 58.4#

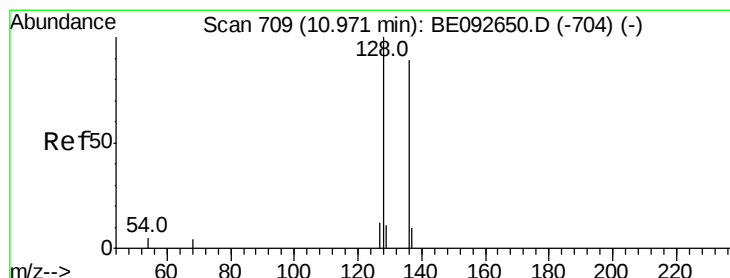
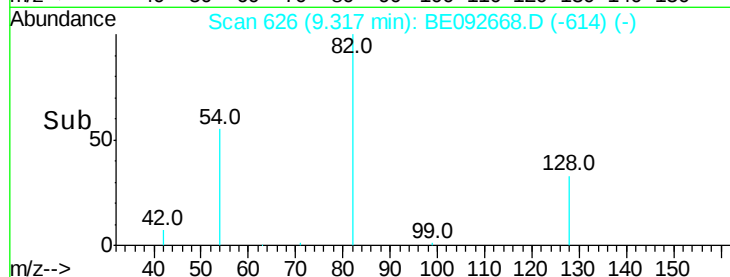
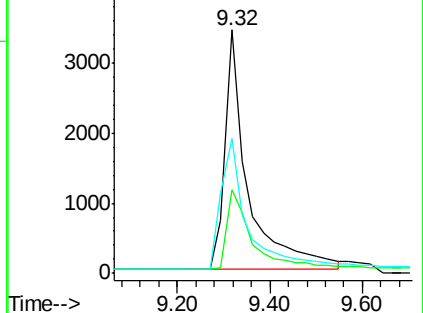
54 55.4 44.8 67.2



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



#9

Naphthalene

Concen: 0.06 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

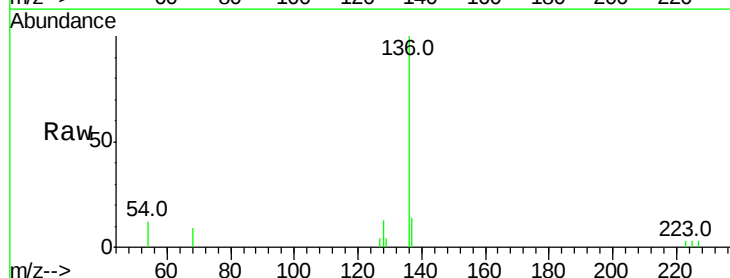
Tgt Ion: 128 Resp: 529

Ion Ratio Lower Upper

128 100

129 31.4 11.2 16.8#

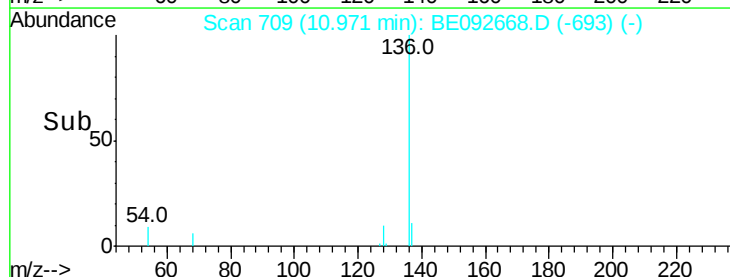
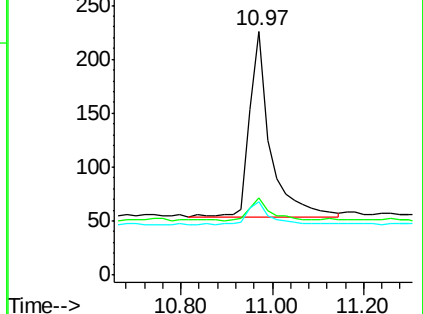
127 30.1 11.6 17.4#

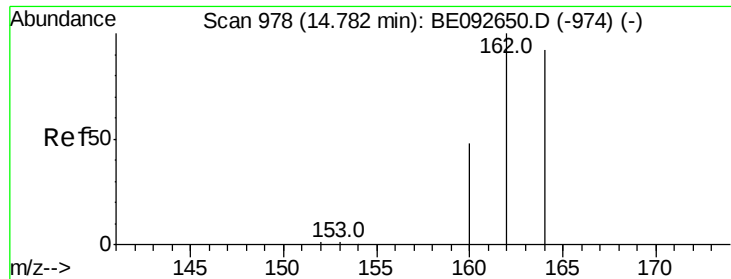


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.78 min Scan# 978

Delta R.T. 0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170117

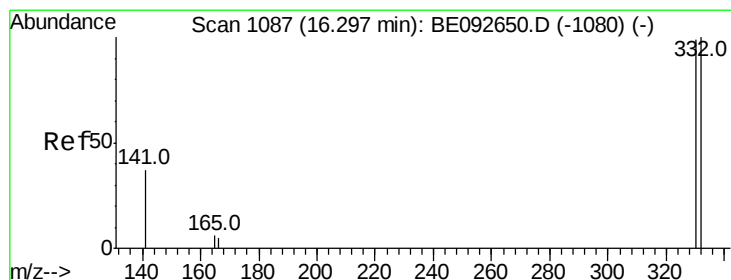
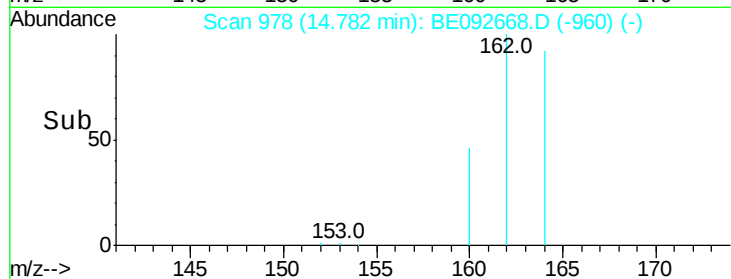
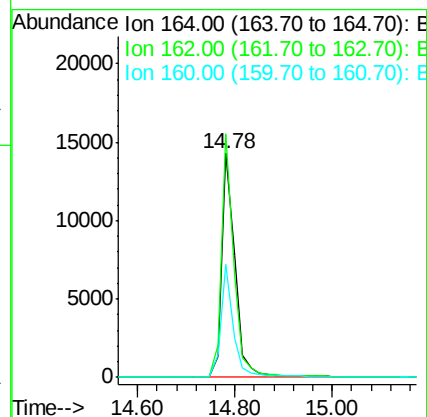
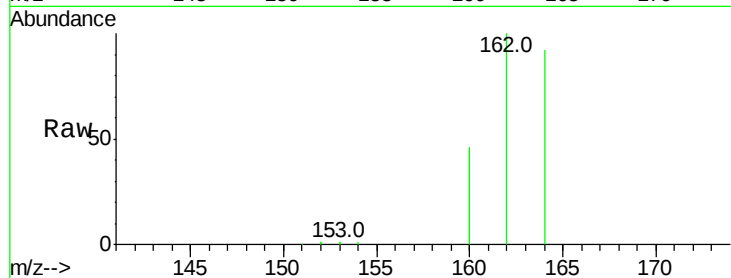
Tot Ion:164 Resp: 26607

Ion Ratio Lower Upper

164 100

162 108.5 71.4 107.0#

160 50.4 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 9.84 ng

RT: 16.29 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

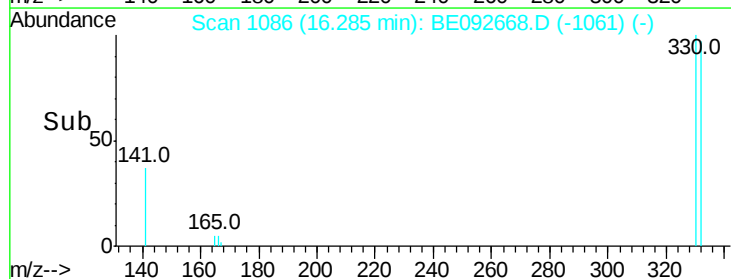
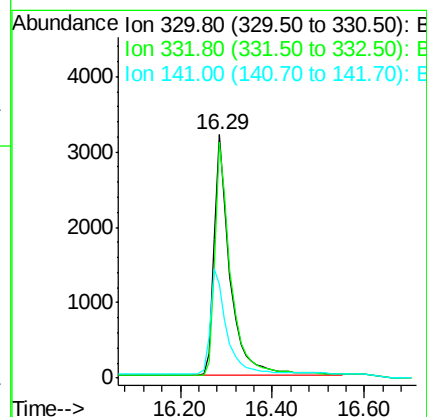
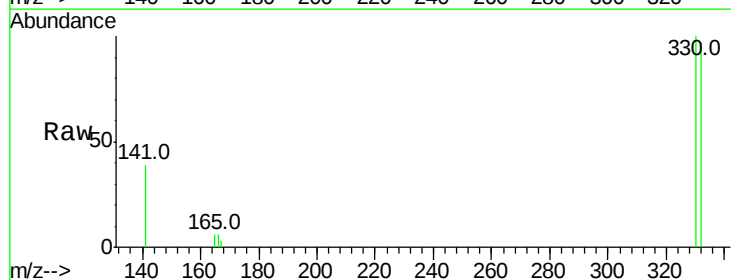
Tgt Ion:330 Resp: 7757

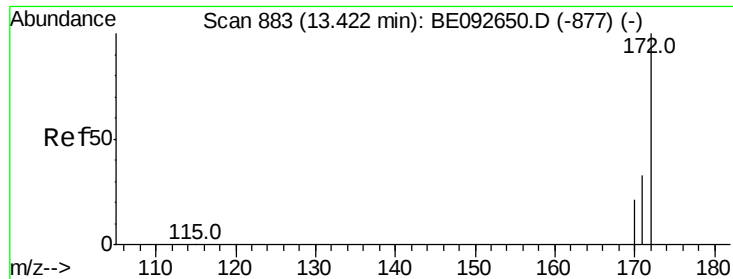
Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

141 44.9 31.0 46.6

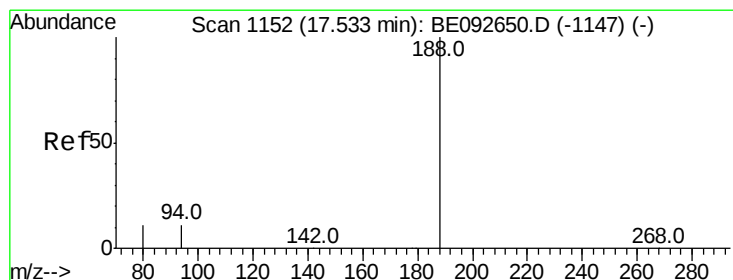
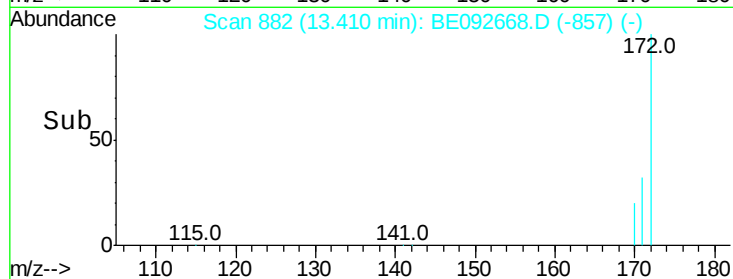
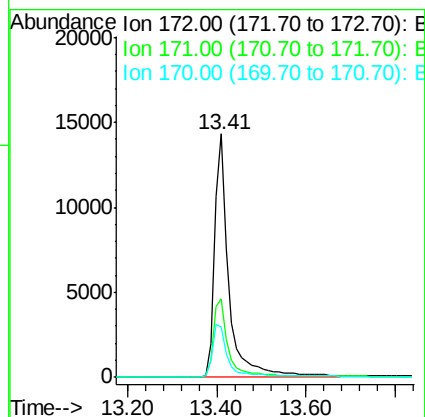
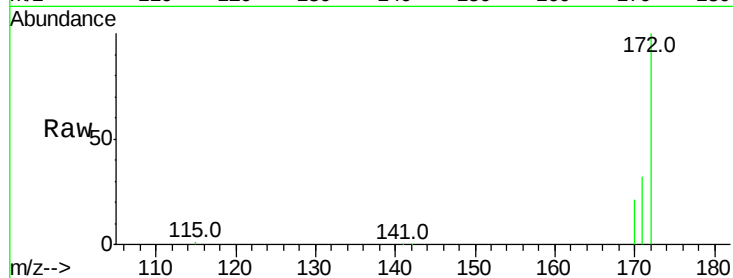




#14
2-Fluorobiphenyl
Concen: 4.80 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE092668.D
Acq: 19 Jan 2017 22:00

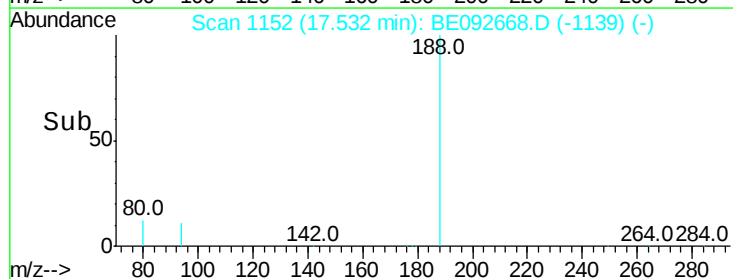
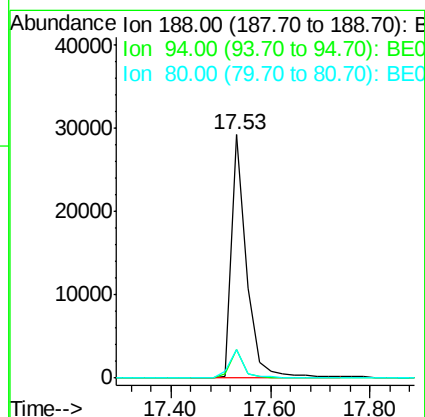
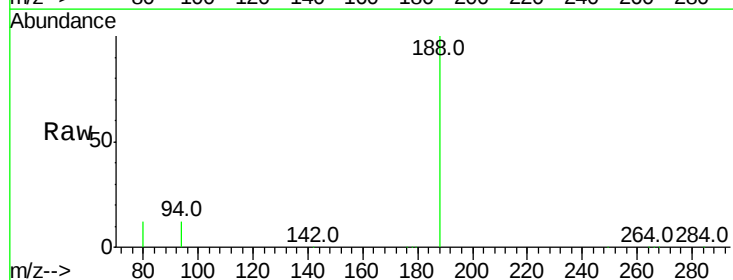
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170117

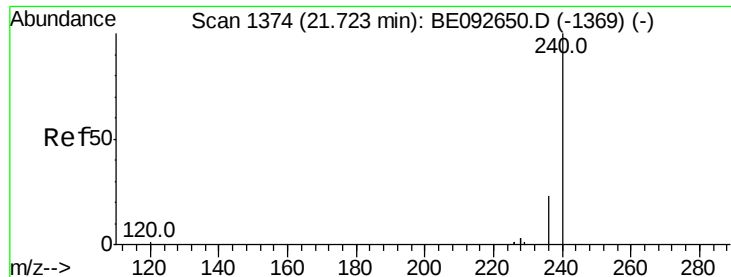
Tot Ion:172 Resp: 31432
Ion Ratio Lower Upper
172 100
171 32.0 30.1 45.1
170 20.7 21.8 32.6#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092668.D
Acq: 19 Jan 2017 22:00

Tgt Ion:188 Resp: 61211
Ion Ratio Lower Upper
188 100
94 11.6 3.2 4.8#
80 11.8 2.6 3.8#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-170117

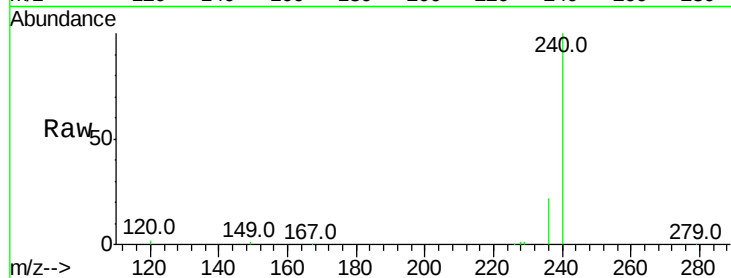
Tot Ion:240 Resp: 68910

Ion Ratio Lower Upper

240 100

120 1.9 2.6 4.0#

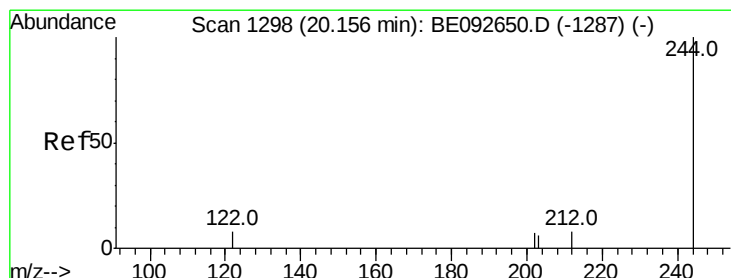
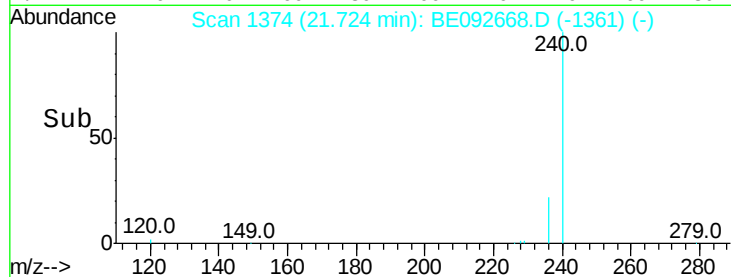
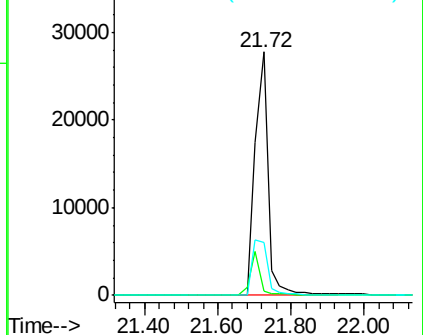
236 21.9 24.6 37.0#



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



#26

Terphenyl-d14

Concen: 5.38 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

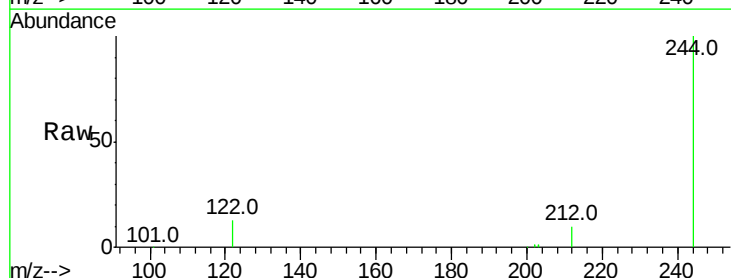
Tgt Ion:244 Resp: 52404

Ion Ratio Lower Upper

244 100

212 9.7 6.7 10.1

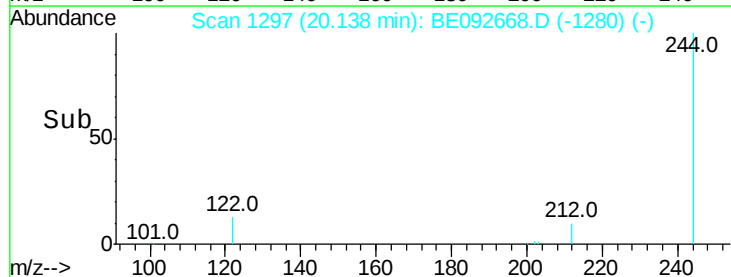
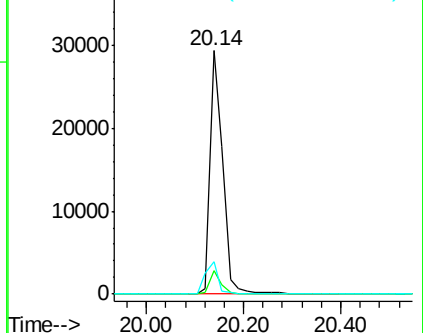
122 13.2 3.6 5.4#

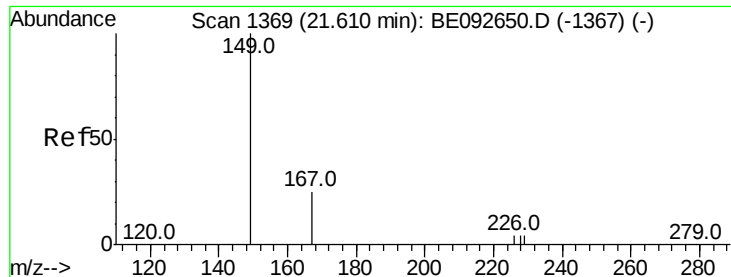


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

Instrument :

BNA_E

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OUTFALL001-170117

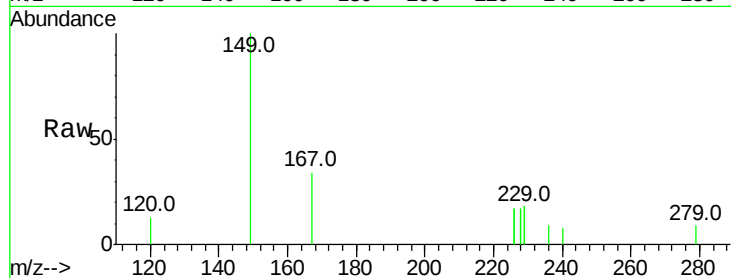
Tot Ion:149 Resp: 848

Ion Ratio Lower Upper

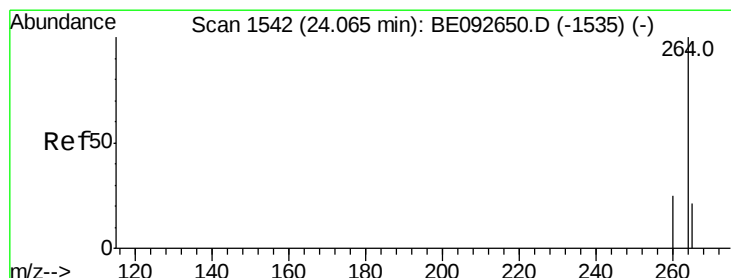
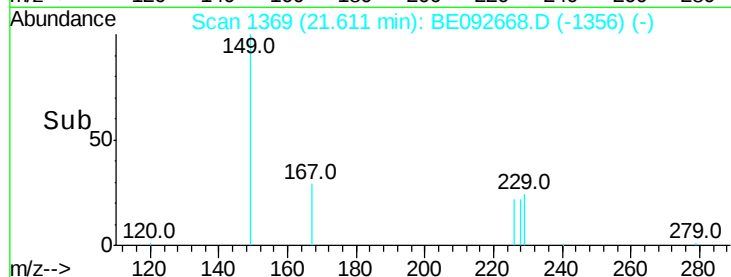
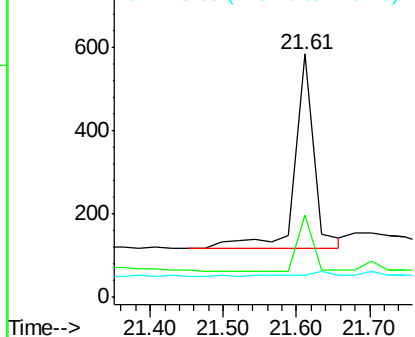
149 100

167 23.2 16.0 24.0

279 0.0 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092668.D

Acq: 19 Jan 2017 22:00

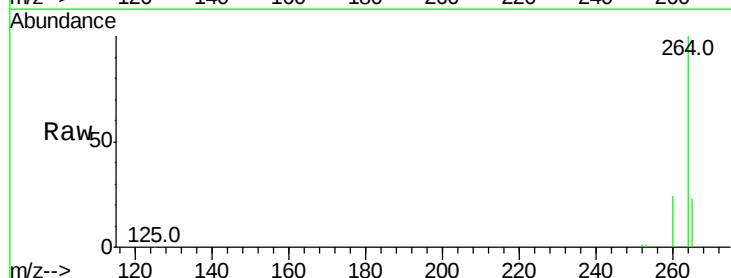
Tgt Ion:264 Resp: 71857

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 23.0 17.9 26.9



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

