

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092554.D
 Acq On : 17 Nov 2016 3:48
 Operator : UM/SJ
 Sample : H5643-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3-111016

Quant Time: Nov 17 05:15:09 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

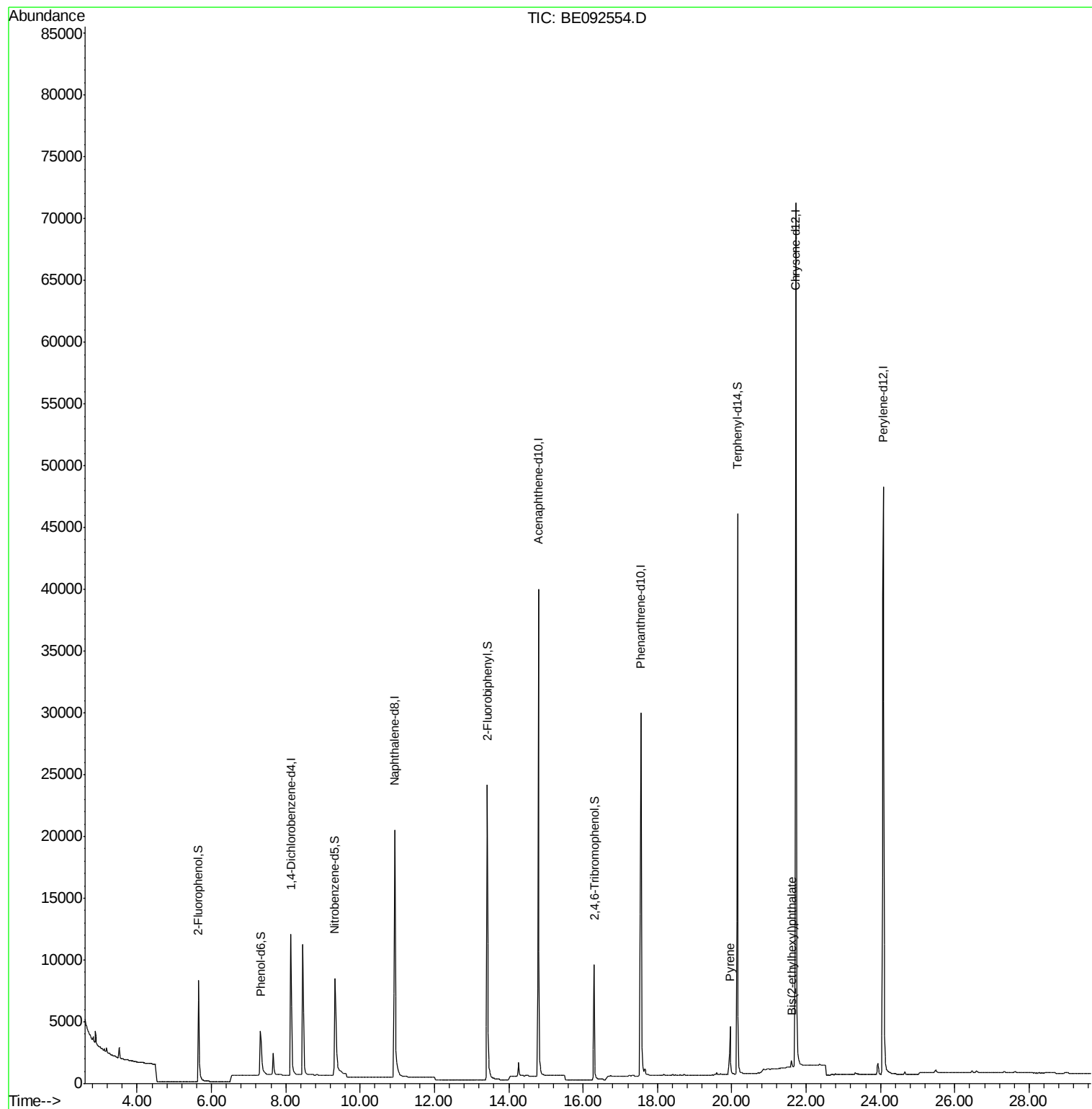
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7686	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	35259	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24366	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	52678	5.00	ng	0.00
24) Chrysene-d12	21.72	240	83109	5.00	ng	0.00
31) Perylene-d12	24.08	264	73467	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	8098	6.24	ng	-0.02
5) Phenol-d6	7.34	99	6354	3.00	ng	-0.02
8) Nitrobenzene-d5	9.32	82	12732	5.55	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	7711	14.11	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	30804	5.19	ng	-0.01
26) Terphenyl-d14	20.16	244	53250	5.60	ng	-0.02
Target Compounds						
25) Pyrene	19.95	202	4926	0.07	ng	Qvalue 95
29) Bis(2-ethylhexyl)phthalate	21.61	149	848	0.27	ng	# 77

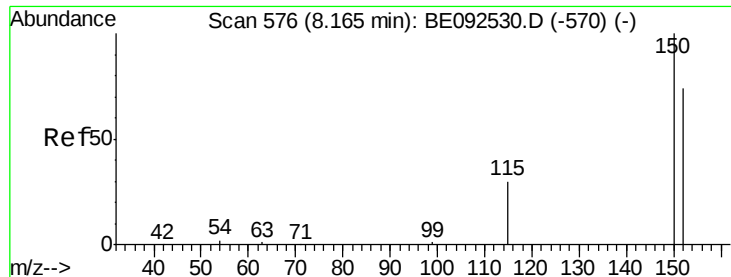
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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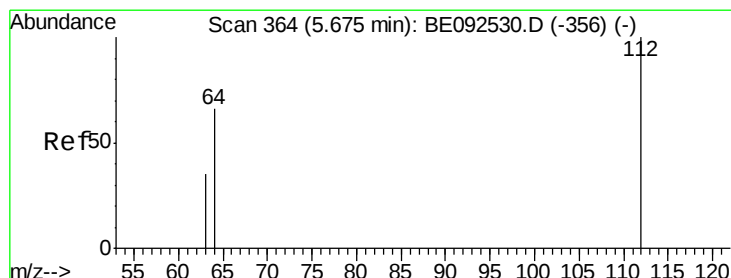
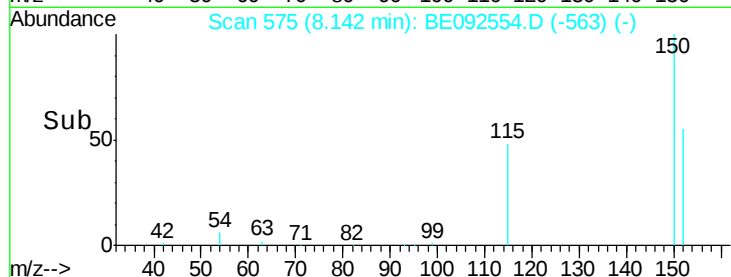
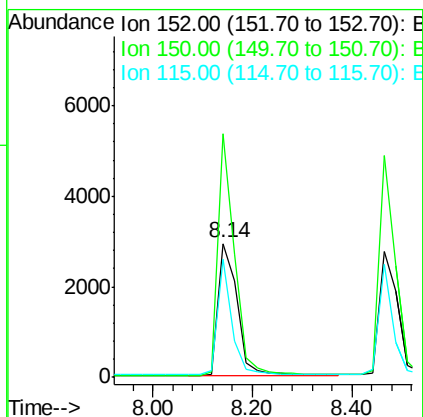
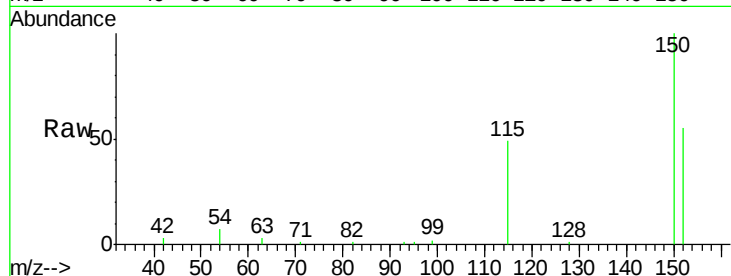


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092554.D
Acq: 17 Nov 2016 3:48

Instrument :
BNA_E
ClientSampleId :
MW-3-111016

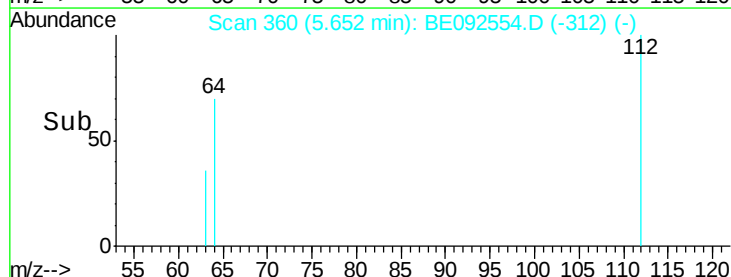
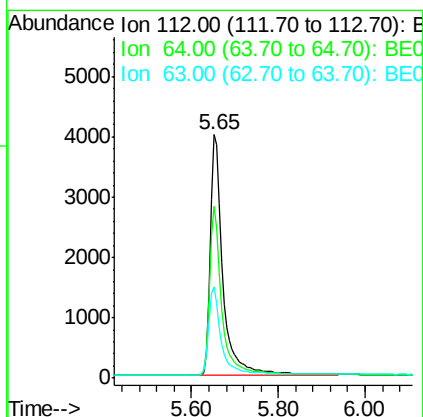
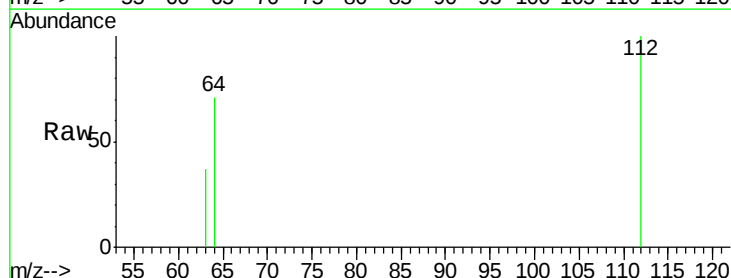
Tot Ion:152 Resp: 7686
Ion Ratio Lower Upper
152 100
150 181.8 106.0 159.0#
115 88.2 31.2 46.8#

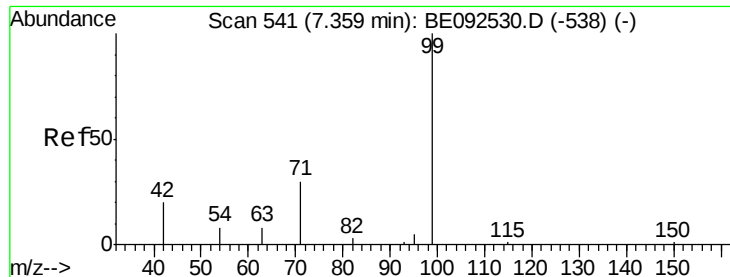


#4

2-Fluorophenol
Concen: 6.24 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092554.D
Acq: 17 Nov 2016 3:48

Tgt Ion:112 Resp: 8098
Ion Ratio Lower Upper
112 100
64 68.1 53.5 80.3
63 36.1 27.9 41.9





#5

Phenol-d6

Concen: 3.00 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

Instrument :

BNA_E

ClientSampleId :

MW-3-111016

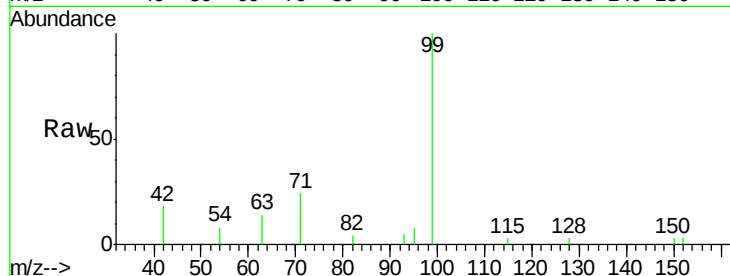
Tot Ion: 99 Resp: 6354

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

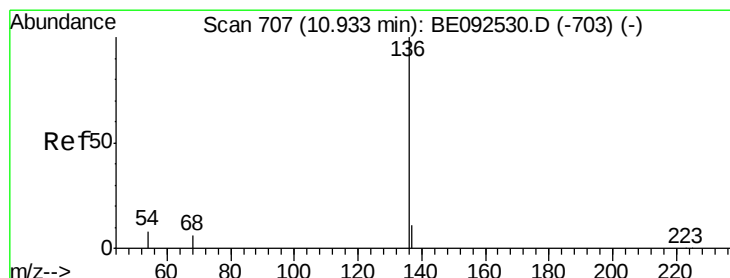
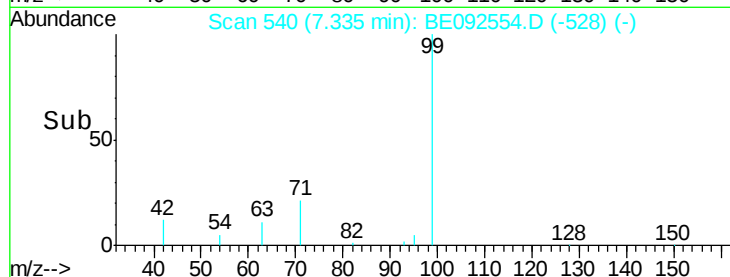
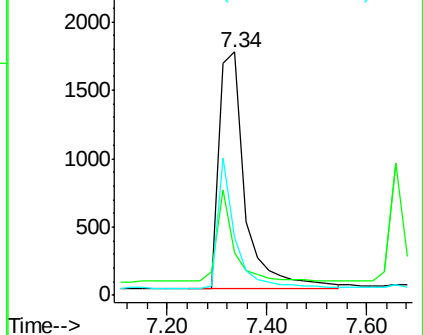
71 0.0 30.6 45.8#



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: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

Tgt Ion: 136 Resp: 35259

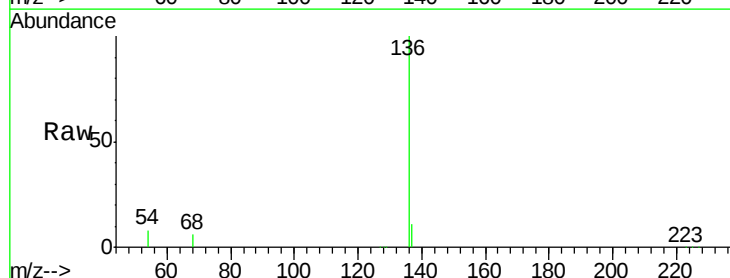
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 7.6 9.6 14.4#

68 5.7 6.7 10.1#

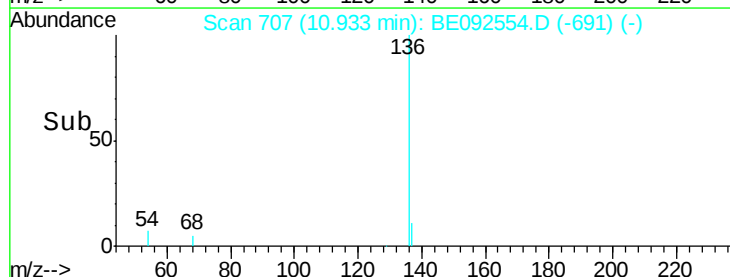
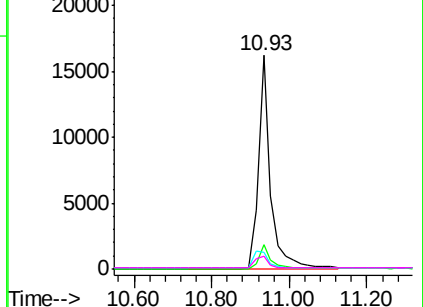


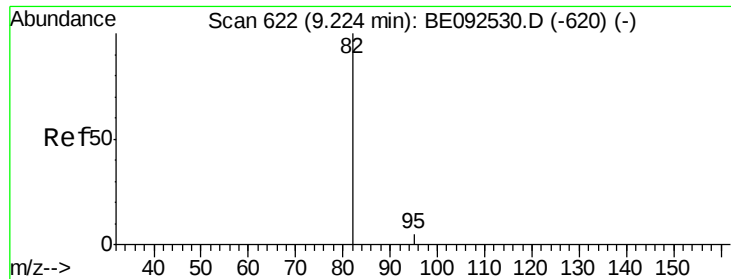
Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.55 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

Instrument :

BNA_E

ClientSampleId :

MW-3-111016

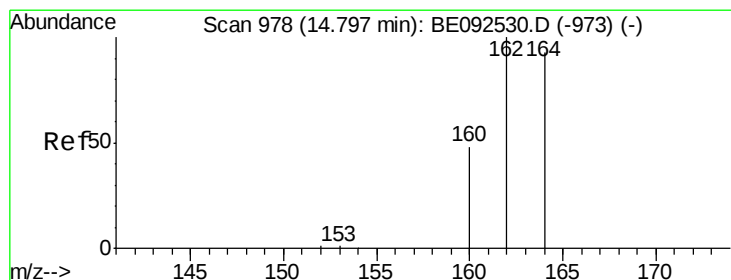
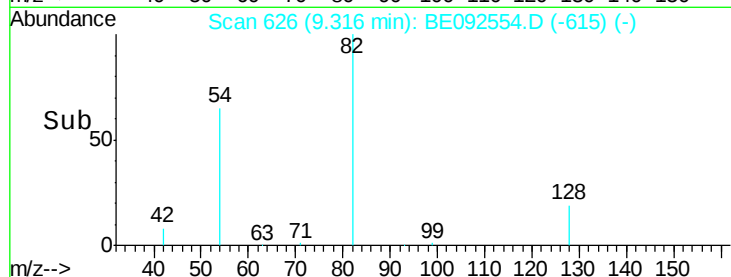
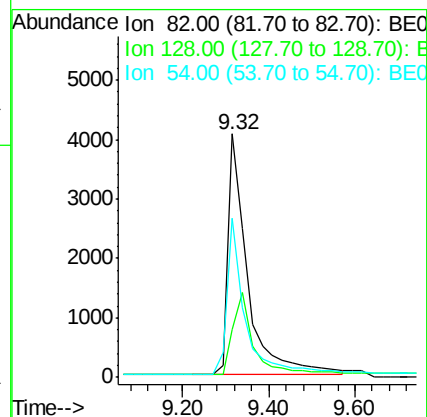
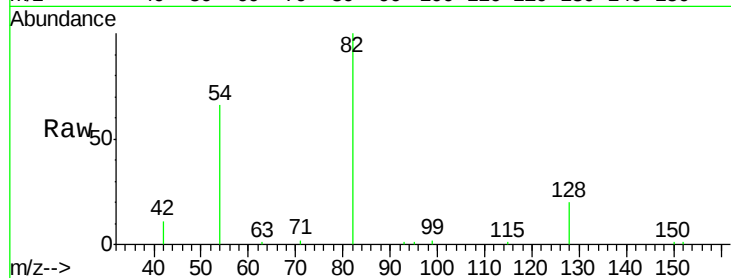
Tot Ion: 82 Resp: 12732

Ion Ratio Lower Upper

82 100

128 19.7 39.0 58.4#

54 65.6 44.8 67.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 978

Delta R.T. -0.00 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

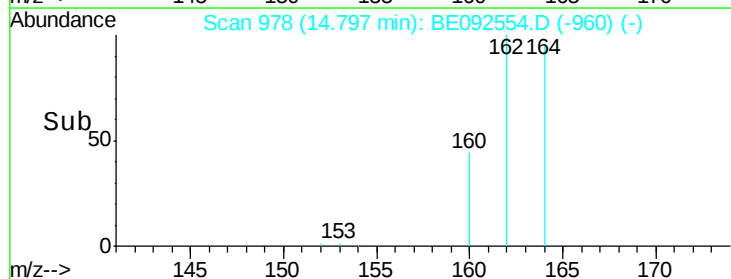
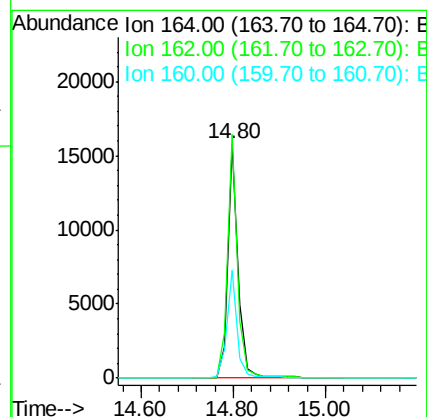
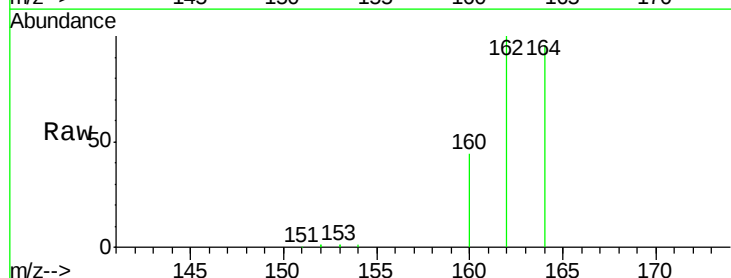
Tgt Ion: 164 Resp: 24366

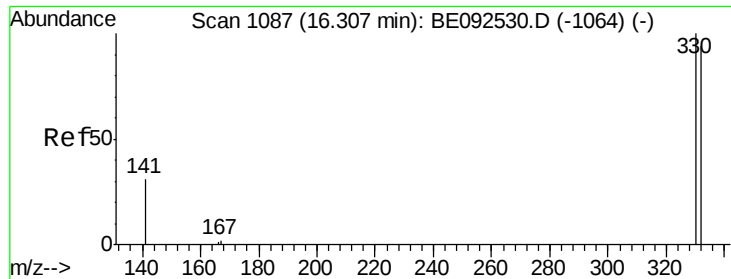
Ion Ratio Lower Upper

164 100

162 104.1 71.4 107.0

160 46.2 27.4 41.2#

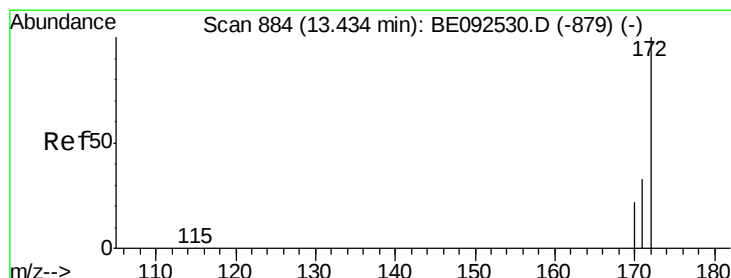
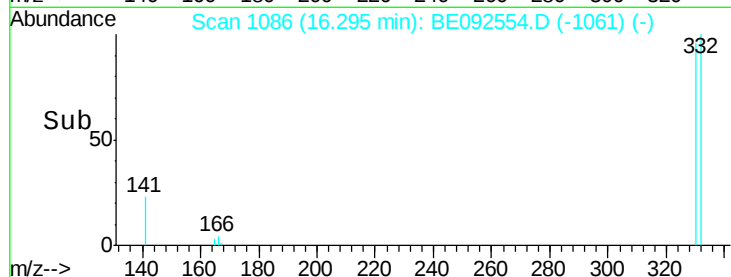
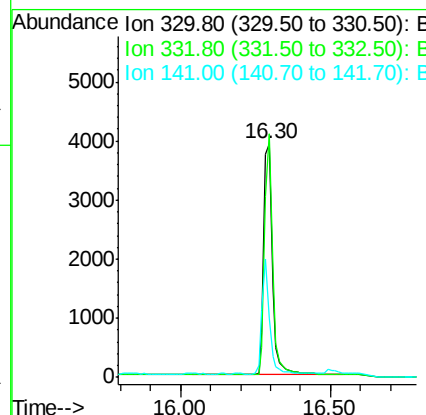
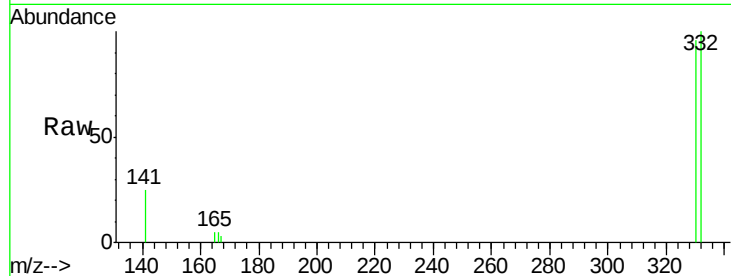




#13
 2,4,6-Tribromophenol
 Concen: 14.11 ng
 RT: 16.30 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BE092554.D
 Acq: 17 Nov 2016 3:48

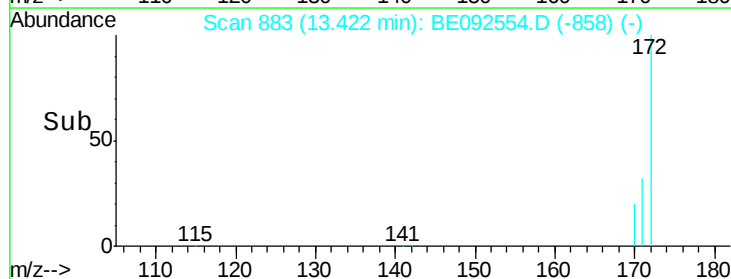
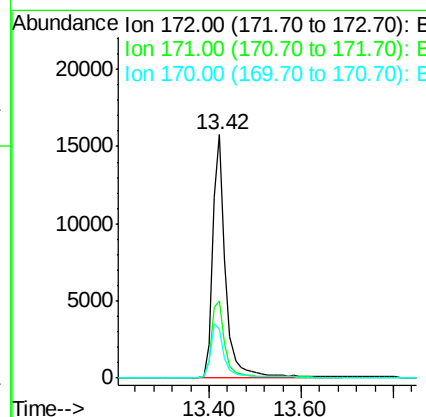
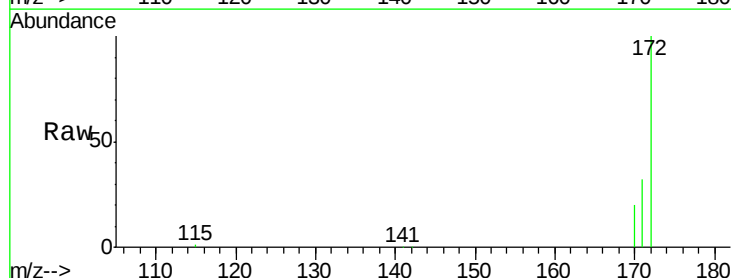
Instrument :
 BNA_E
 ClientSampleId :
 MW-3-111016

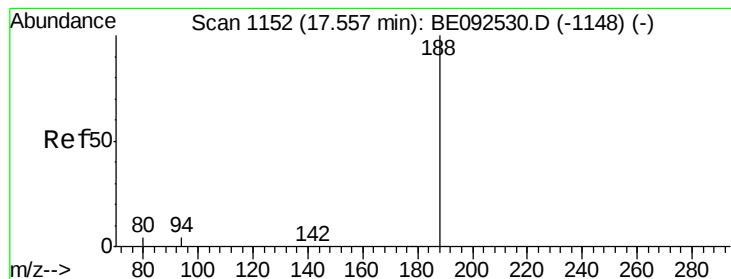
Tot Ion:330 Resp: 7711
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 43.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.19 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092554.D
 Acq: 17 Nov 2016 3:48

Tgt Ion:172 Resp: 30804
 Ion Ratio Lower Upper
 172 100
 171 32.0 30.1 45.1
 170 20.0 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

Instrument :

BNA_E

ClientSampleId :

MW-3-111016

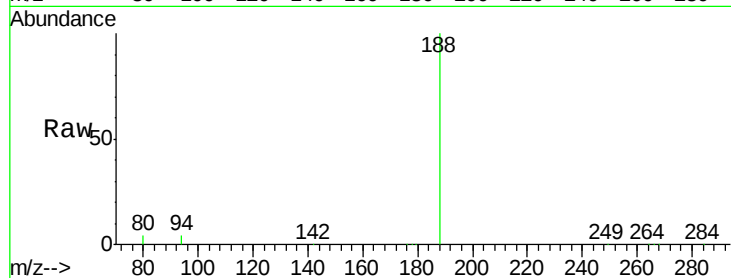
Tot Ion:188 Resp: 52678

Ion Ratio Lower Upper

188 100

94 4.2 3.2 4.8

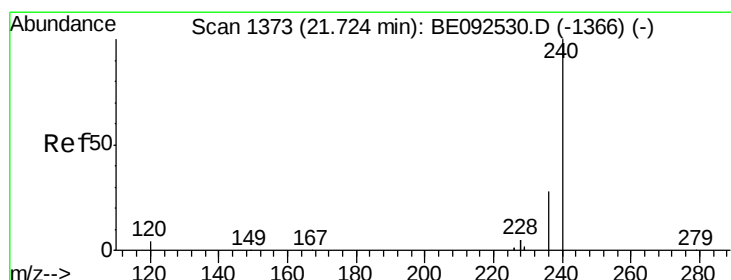
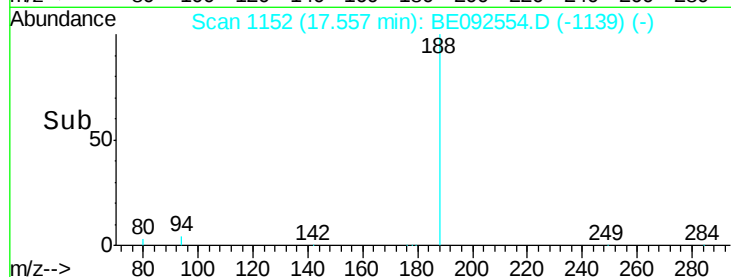
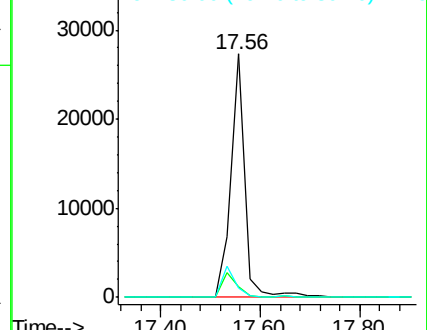
80 3.7 2.6 3.8



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

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

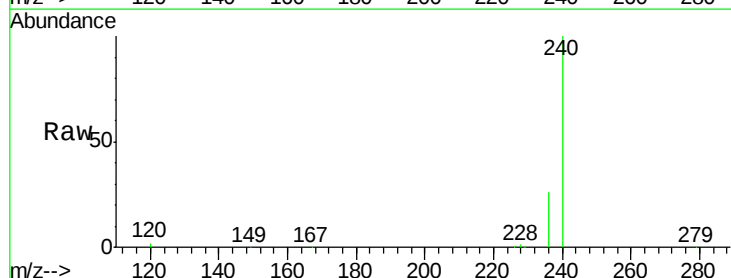
Tgt Ion:240 Resp: 83109

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

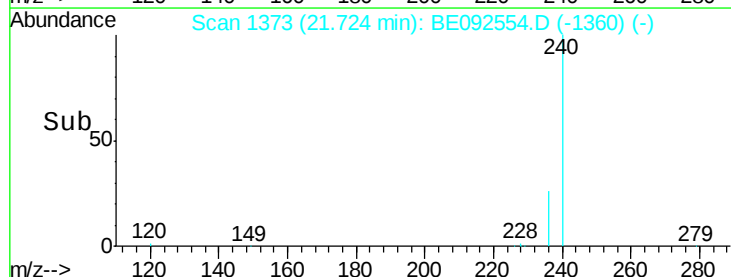
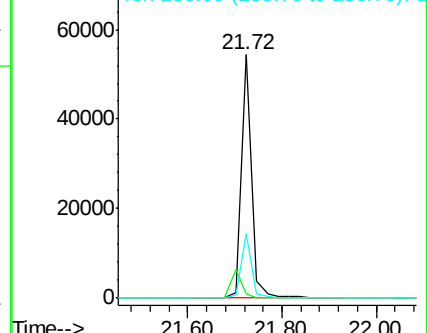
236 26.3 24.6 37.0

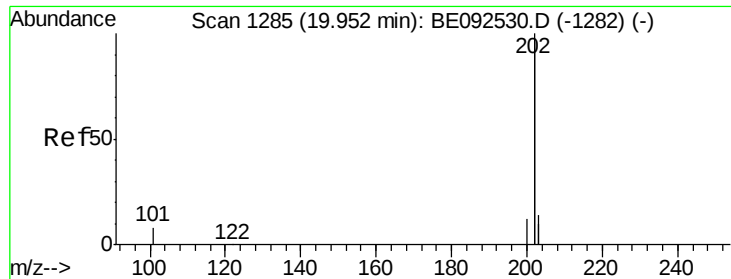


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pvrene

Concen: 0.07 ng

RT: 19.95 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

Instrument :

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ClientSampleId :

MW-3-111016

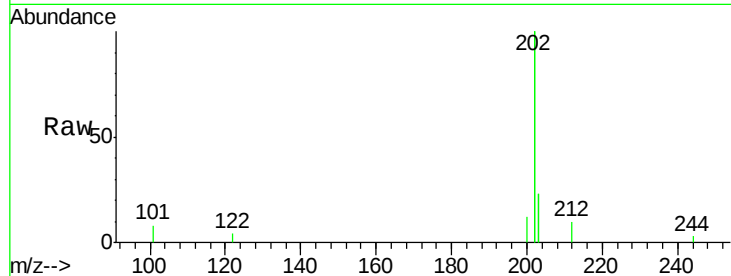
Tot Ion:202 Resp: 4926

Ion Ratio Lower Upper

202 100

200 5.1 4.2 6.4

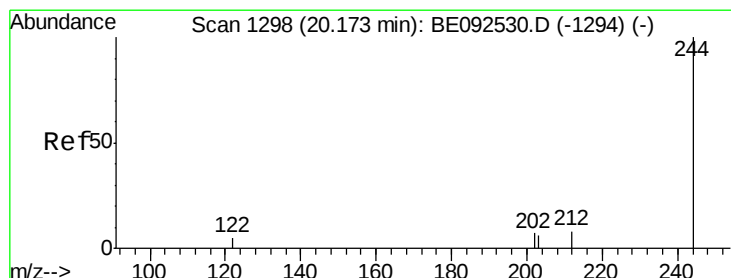
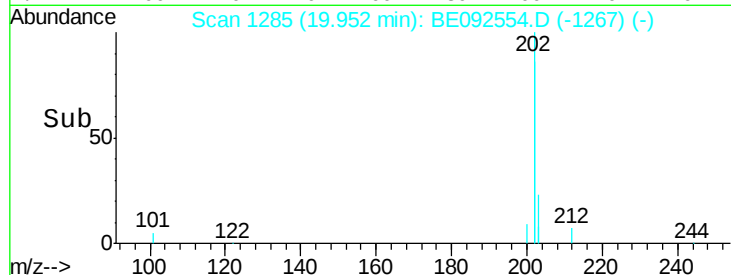
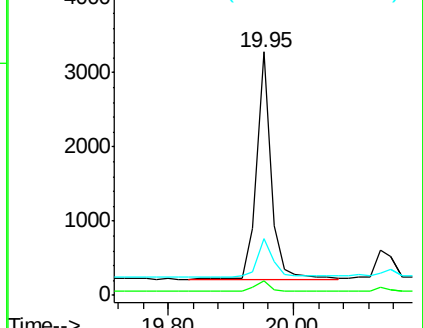
203 20.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 5.60 ng

RT: 20.16 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

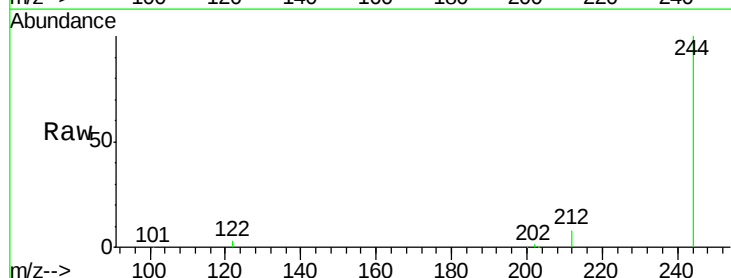
Tgt Ion:244 Resp: 53250

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

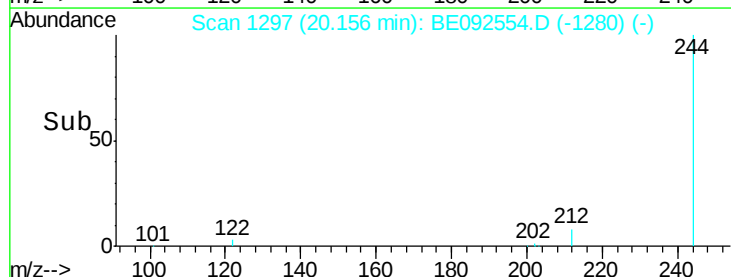
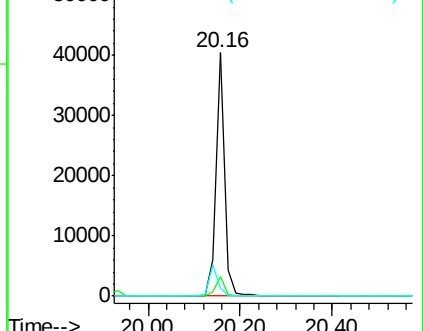
122 3.4 3.6 5.4#

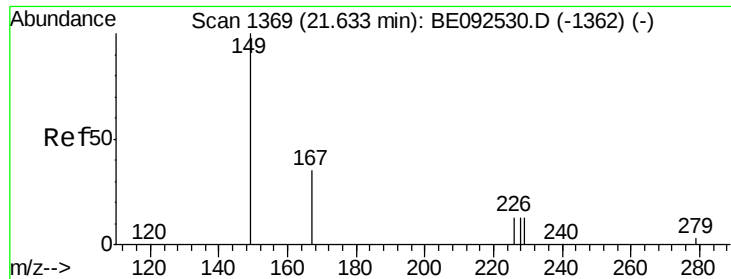


Abundance Ion 244.00 (243.70 to 244.70): E

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# 1368

Delta R.T. -0.02 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

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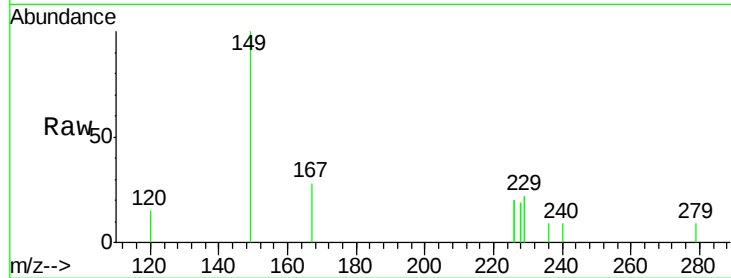
Tot Ion:149 Resp: 848

Ion Ratio Lower Upper

149 100

167 19.2 16.0 24.0

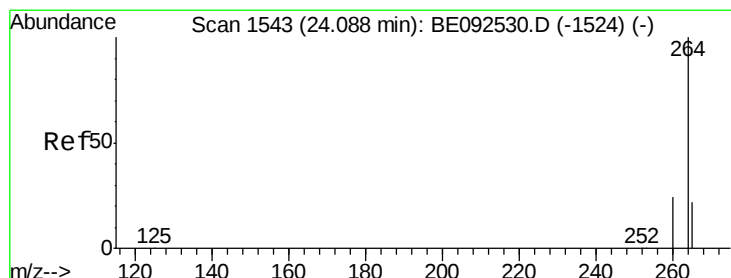
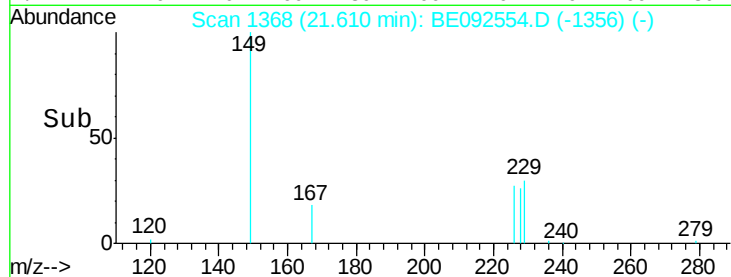
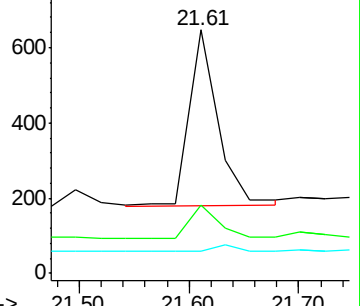
279 0.0 16.0 24.0#



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: 24.08 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BE092554.D

Acq: 17 Nov 2016 3:48

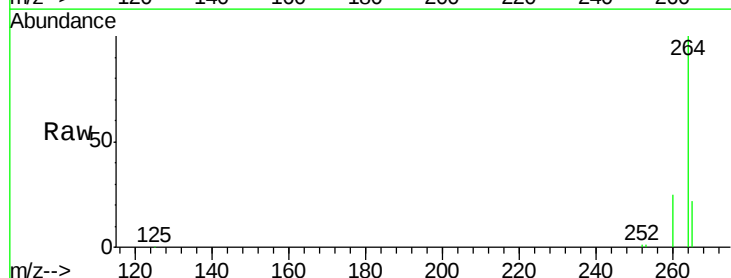
Tgt Ion:264 Resp: 73467

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 22.2 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

