

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122716\
 Data File : BE092618.D
 Acq On : 27 Dec 2016 11:51
 Operator : UM/SJ
 Sample : H6210-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-161220

Quant Time: Dec 28 01:33:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

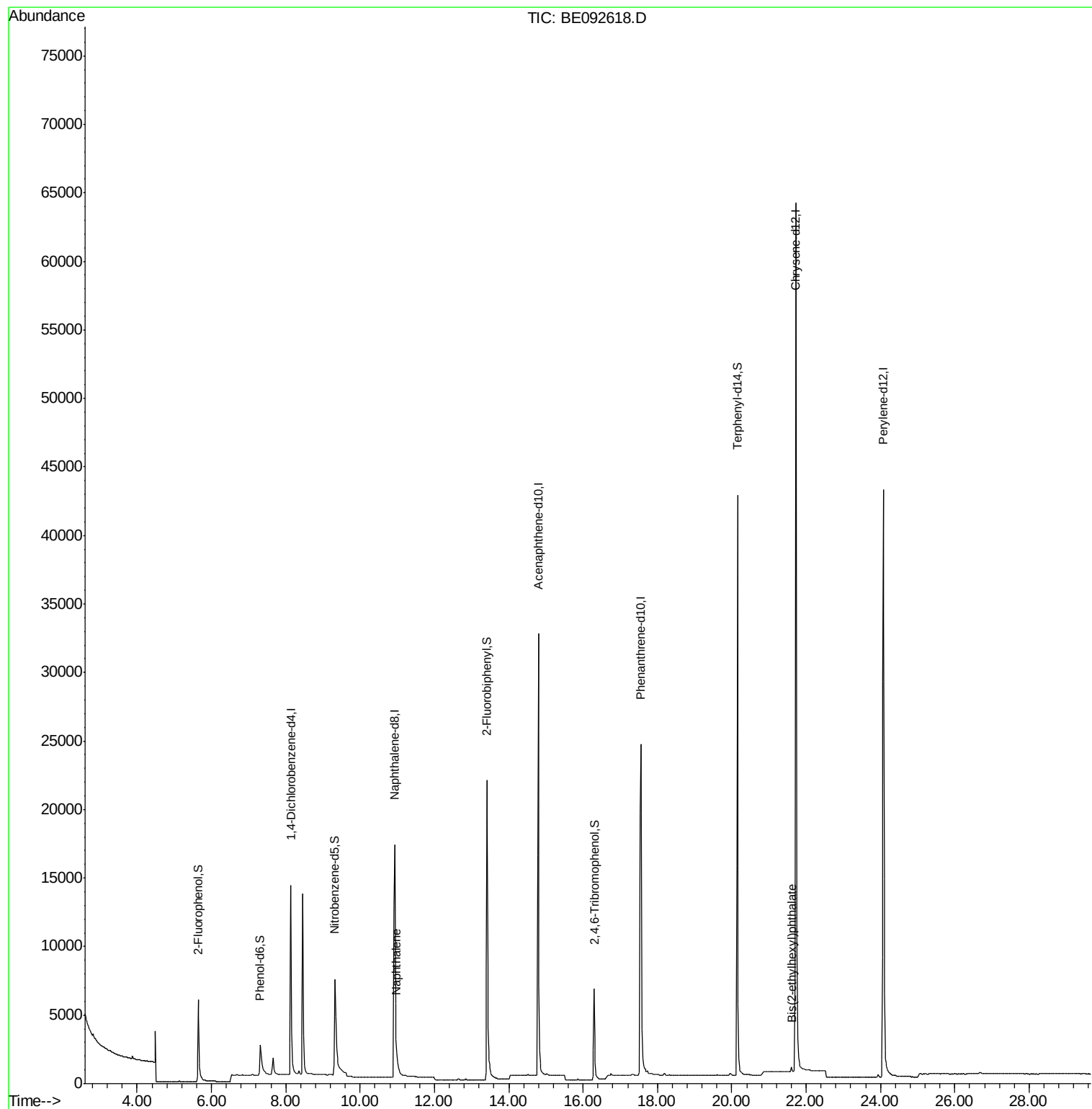
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8747	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38024	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24298	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55686	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81584	5.00	ng	0.00
31) Perylene-d12	24.08	264	69897	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	7049	4.23	ng	-0.04
5) Phenol-d6	7.31	99	5043	2.09	ng	-0.07
8) Nitrobenzene-d5	9.32	82	12499	4.76	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	6186	8.80	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	31422	5.41	ng	-0.02
26) Terphenyl-d14	20.16	244	54830	5.48	ng	-0.02
Target Compounds						
9) Naphthalene	10.97	128	1121	0.14	ng	# 83
29) Bis(2-ethylhexyl)phthalate	21.61	149	424	0.12	ng	# 76

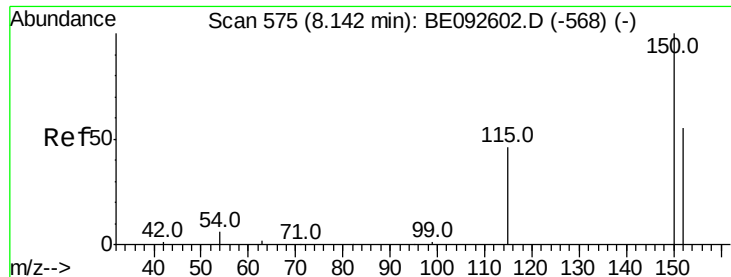
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092618.D

Acq: 27 Dec 2016 11:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161220

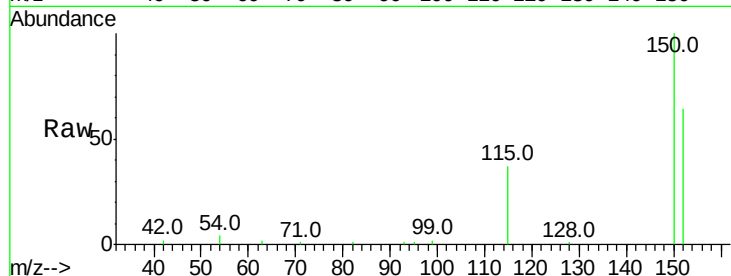
Tot Ion:152 Resp: 8747

Ion Ratio Lower Upper

152 100

150 156.2 106.0 159.0

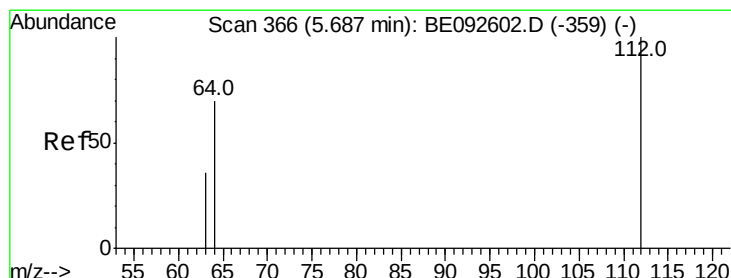
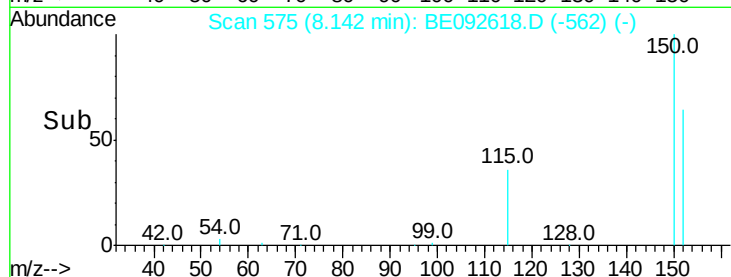
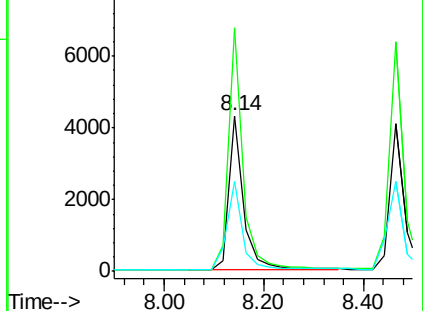
115 57.7 31.2 46.8#



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: 4.23 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

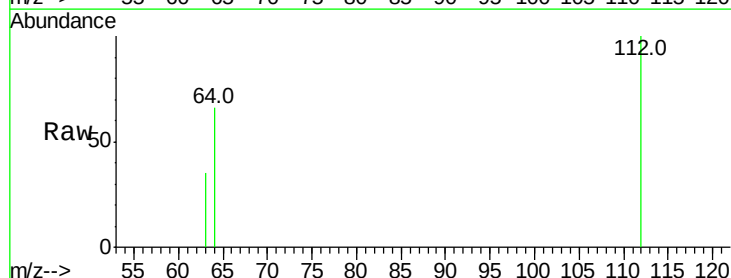
Tgt Ion:112 Resp: 7049

Ion Ratio Lower Upper

112 100

64 68.7 53.5 80.3

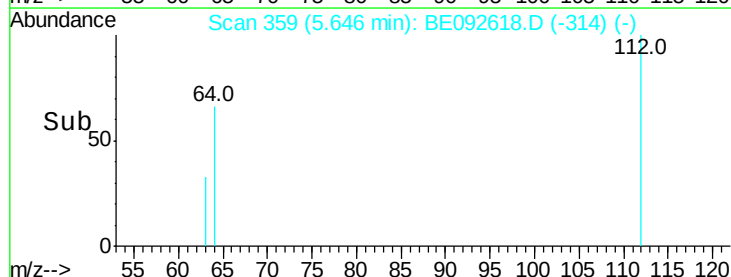
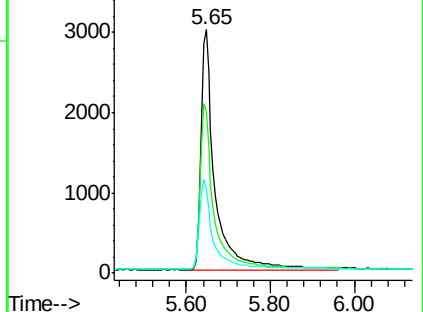
63 37.4 27.9 41.9

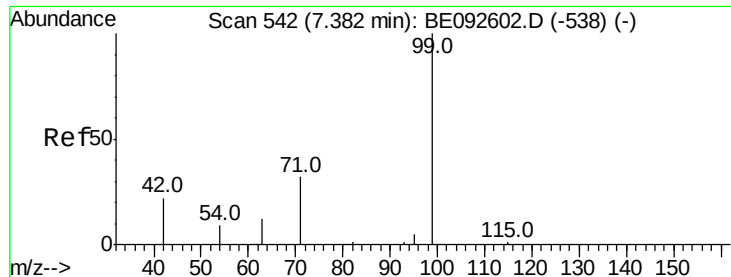


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.09 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161220

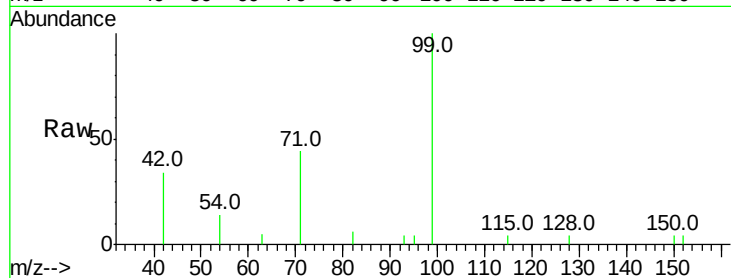
Tot Ion: 99 Resp: 5043

Ion Ratio Lower Upper

99 100

42 24.9 16.0 24.0#

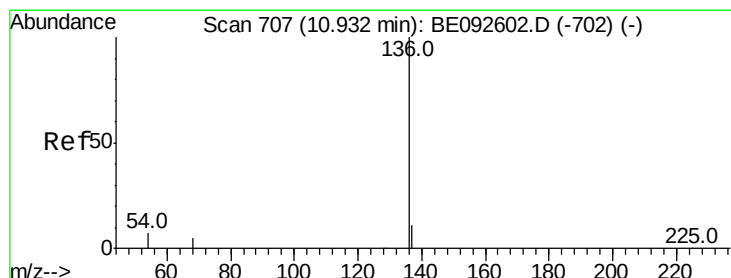
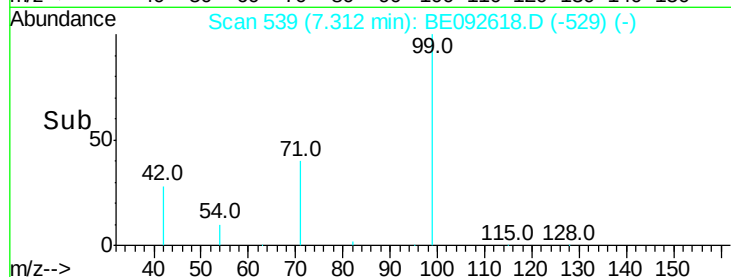
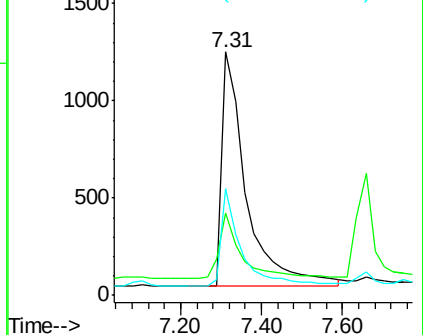
71 34.2 30.6 45.8



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: BE092618.D

Acq: 27 Dec 2016 11:51

Tgt Ion: 136 Resp: 38024

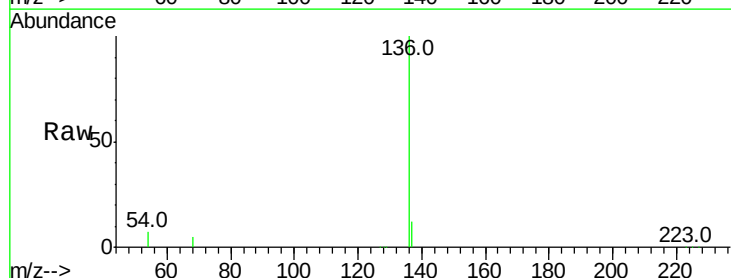
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.4

54 6.5 9.6 14.4#

68 4.8 6.7 10.1#

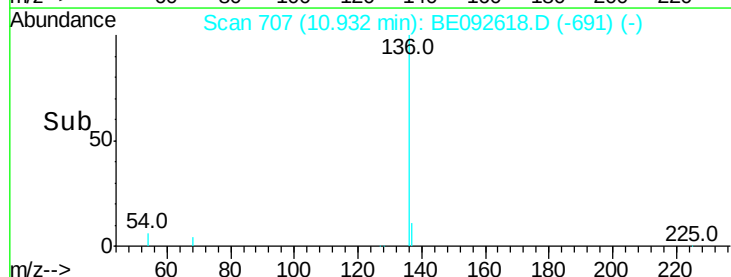
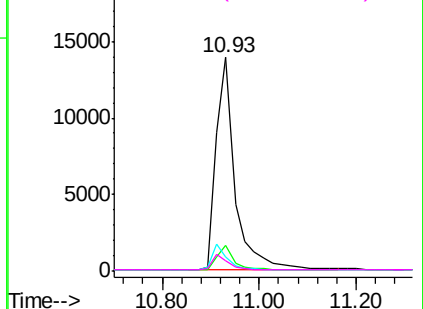


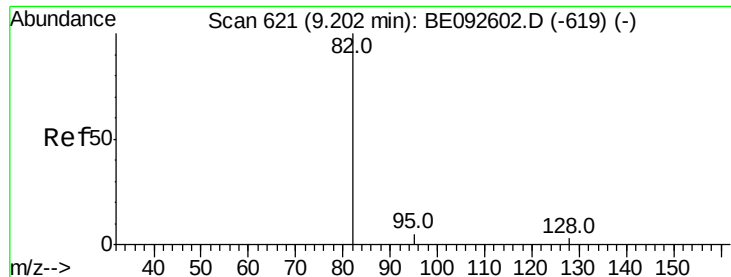
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.76 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161220

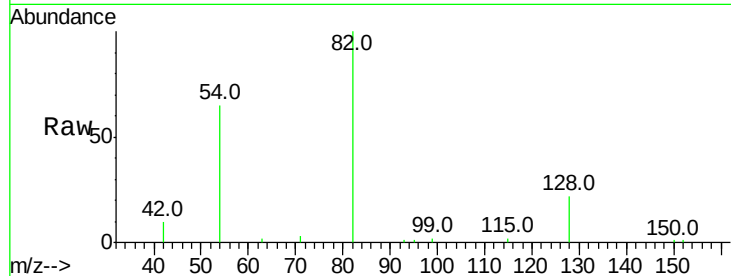
Tot Ion: 82 Resp: 12499

Ion Ratio Lower Upper

82 100

128 21.6 39.0 58.4#

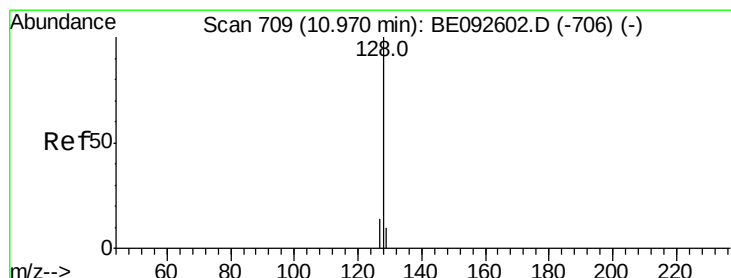
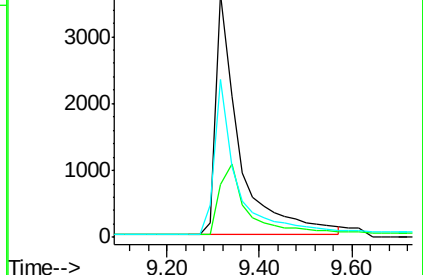
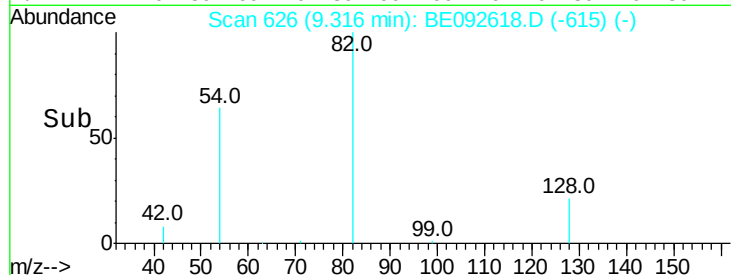
54 64.8 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE092618.D (-615) (-)

Ion 128.00 (127.70 to 128.70): BE092618.D (-615) (-)

Ion 54.00 (53.70 to 54.70): BE092618.D (-615) (-)



#9

Naphthalene

Concen: 0.14 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

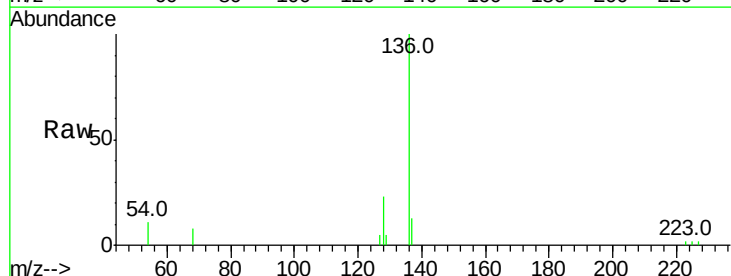
Tgt Ion: 128 Resp: 1121

Ion Ratio Lower Upper

128 100

129 20.5 11.2 16.8#

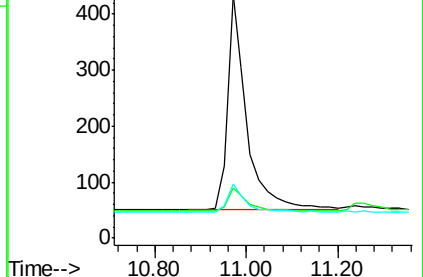
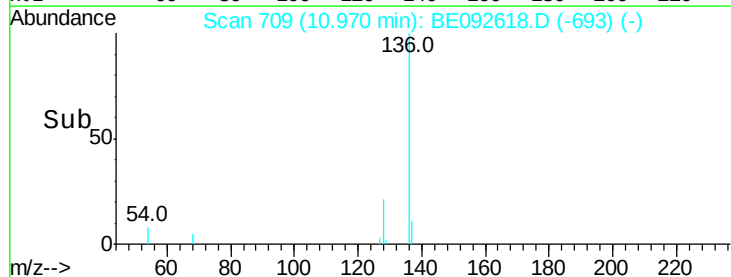
127 22.1 11.6 17.4#

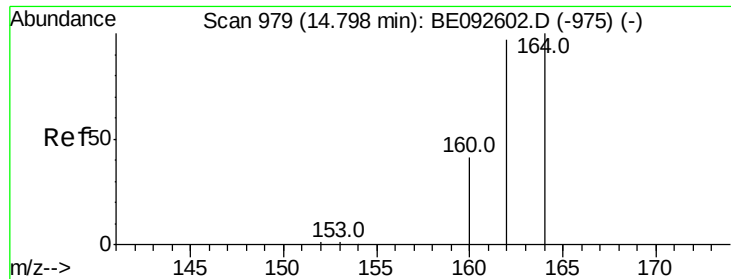


Abundance Ion 128.00 (127.70 to 128.70): BE092618.D (-693) (-)

Ion 129.00 (128.70 to 129.70): BE092618.D (-693) (-)

Ion 127.00 (126.70 to 127.70): BE092618.D (-693) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161220

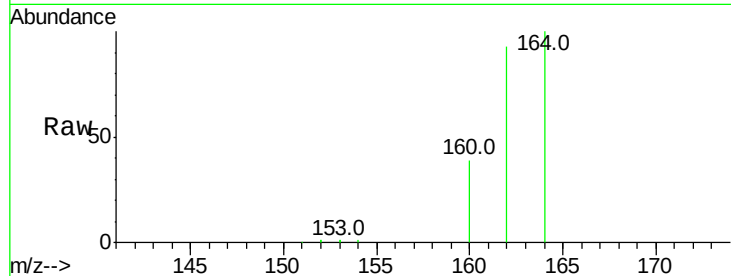
Tot Ion:164 Resp: 24298

Ion Ratio Lower Upper

164 100

162 92.8 71.4 107.0

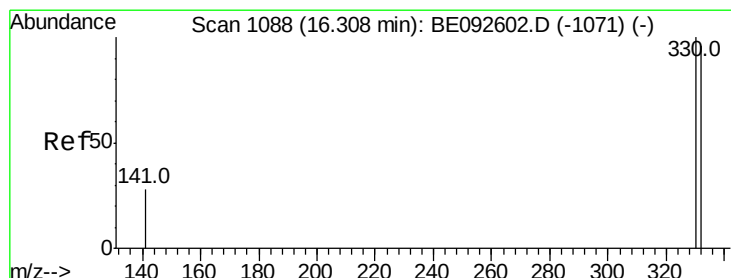
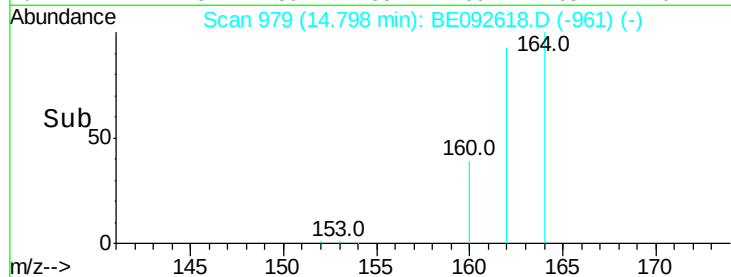
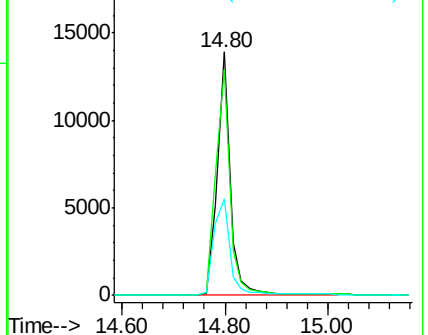
160 39.4 27.4 41.2



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



#13

2,4,6-Tribromophenol

Concen: 8.80 ng

RT: 16.30 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

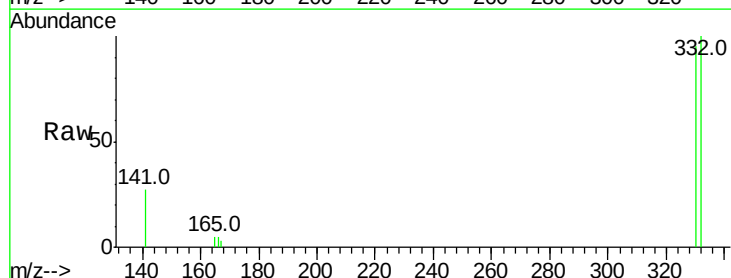
Tgt Ion:330 Resp: 6186

Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

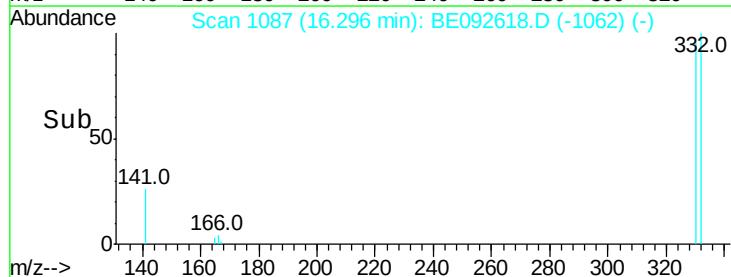
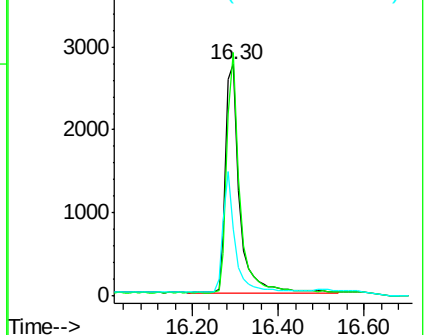
141 46.0 31.0 46.6

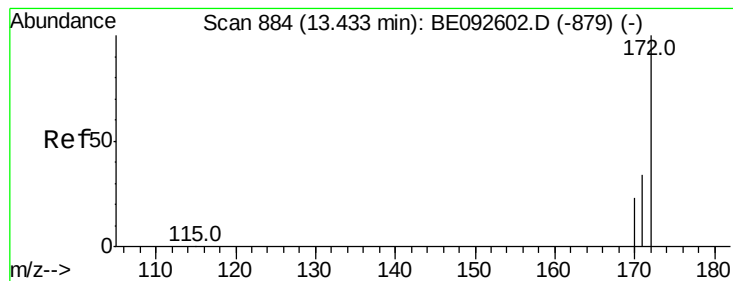


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

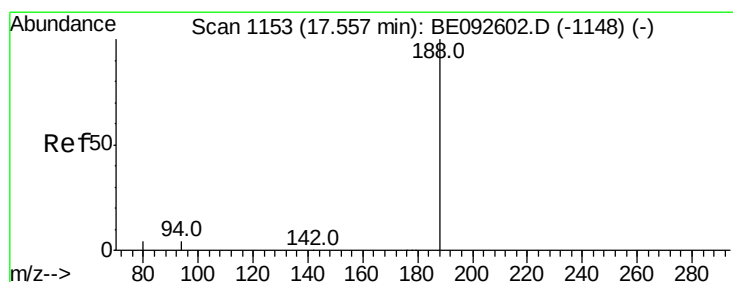
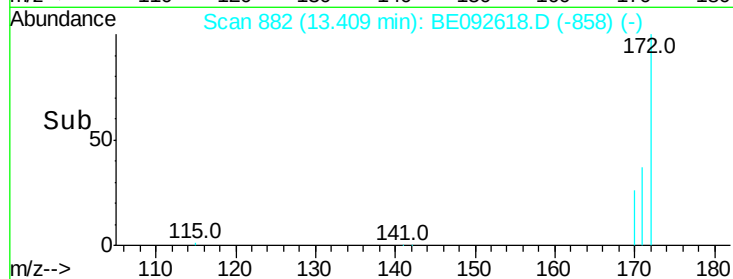
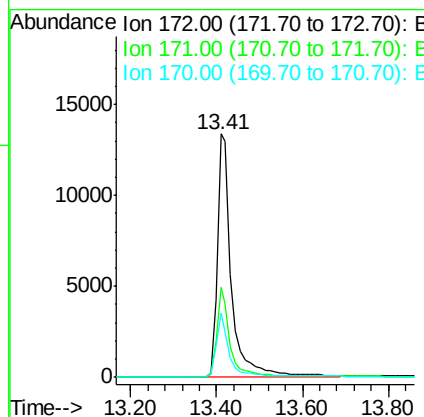
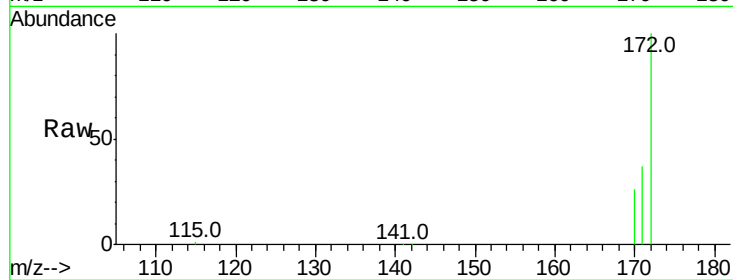




#14
2-Fluorobiphenyl
Concen: 5.41 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

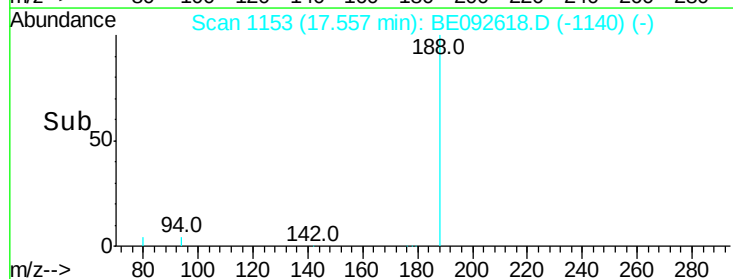
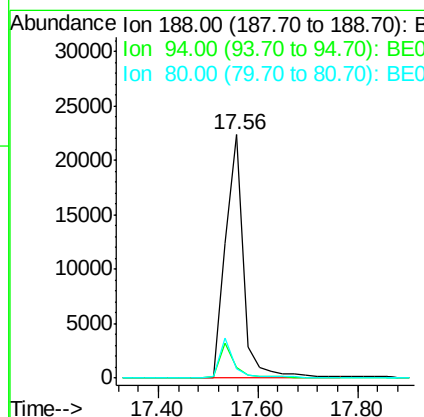
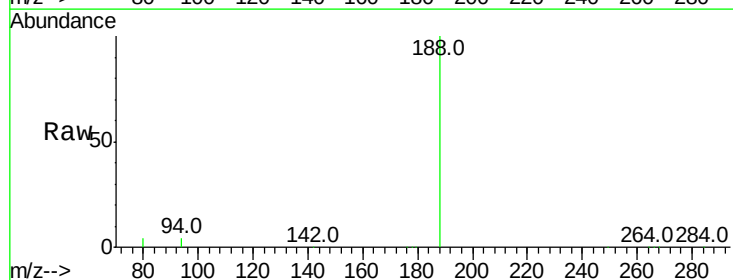
Instrument :
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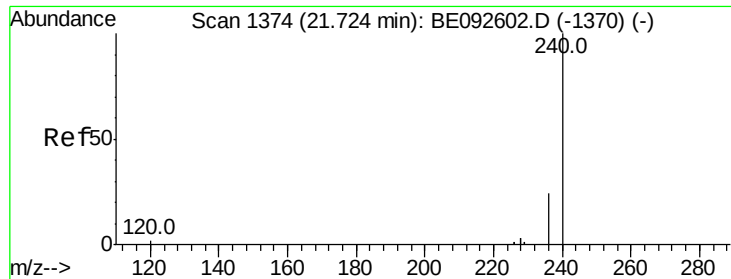
Tot Ion:172 Resp: 31422
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 26.5 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:188 Resp: 55686
Ion Ratio Lower Upper
188 100
94 4.3 3.2 4.8
80 3.9 2.6 3.8#

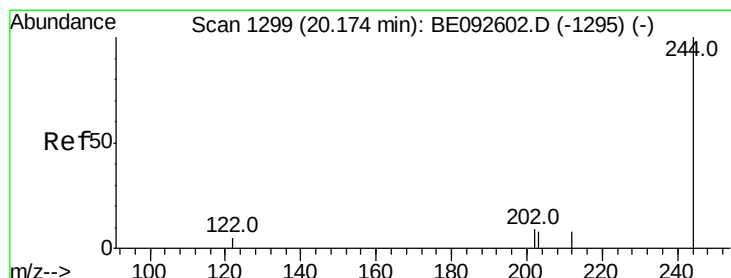
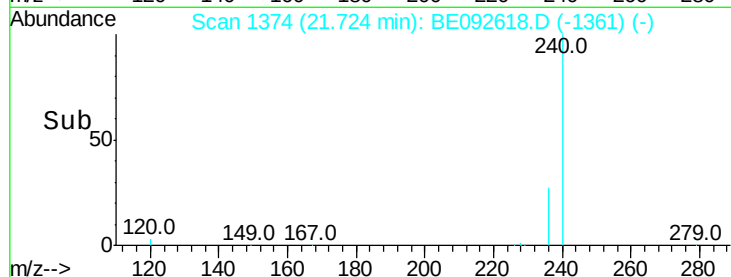
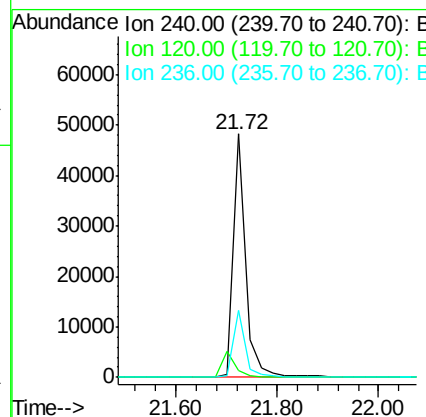
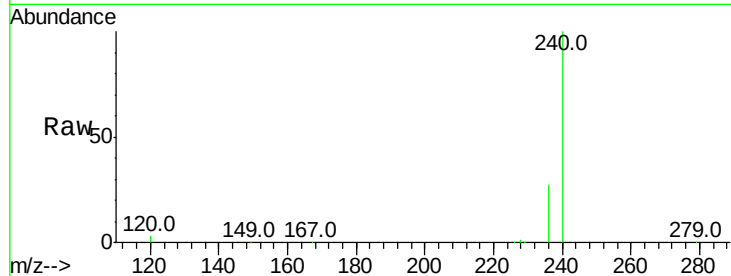




#24
 Chrvsene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092618.D
 Acq: 27 Dec 2016 11:51

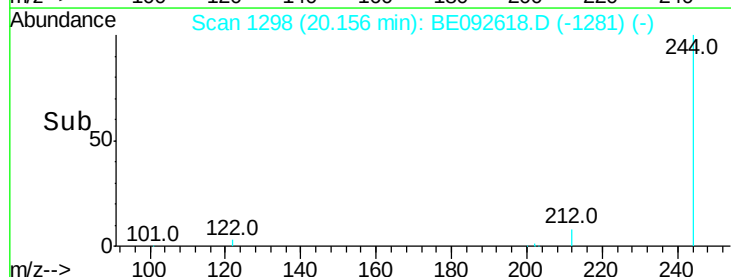
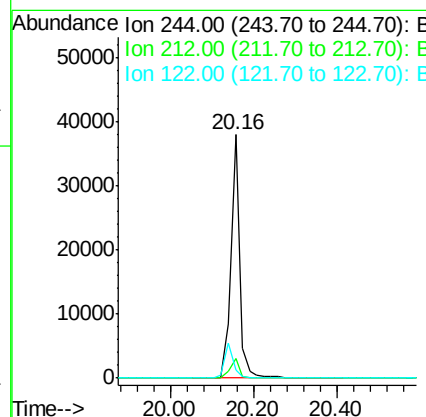
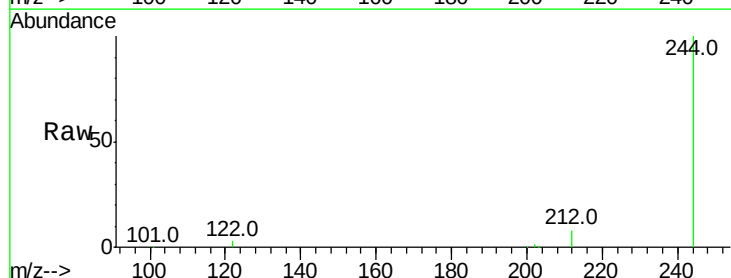
Instrument :
 BNA_E
 ClientSampleId :
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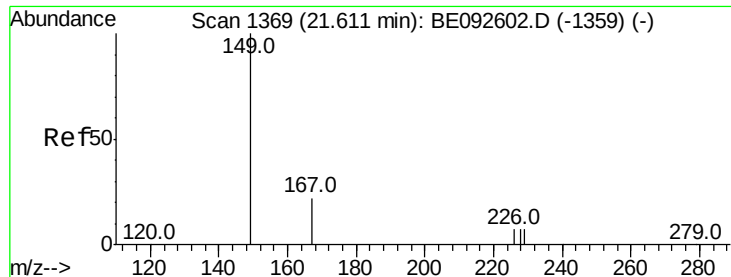
Tot Ion:240 Resp: 81584
 Ion Ratio Lower Upper
 240 100
 120 3.0 2.6 4.0
 236 27.4 24.6 37.0



#26
 Terphenyl-d14
 Concen: 5.48 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092618.D
 Acq: 27 Dec 2016 11:51

Tgt Ion:244 Resp: 54830
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 3.2 3.6 5.4#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-161220

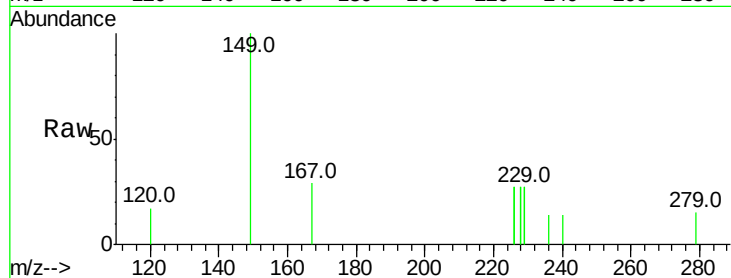
Tot Ion:149 Resp: 424

Ion Ratio Lower Upper

149 100

167 22.2 16.0 24.0

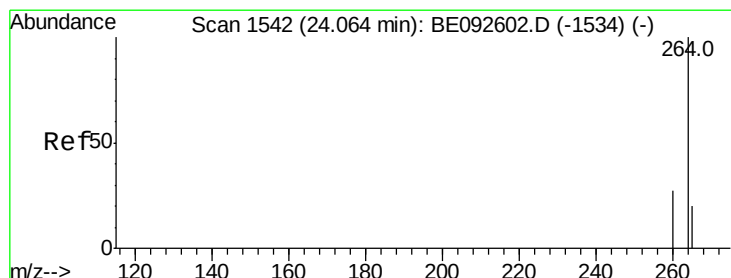
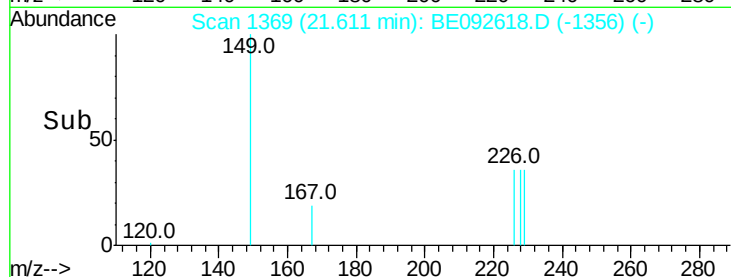
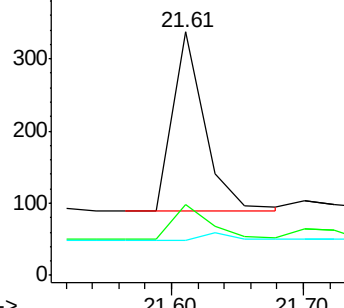
279 0.0 16.0 24.0#



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# 1543

Delta R.T. 0.01 min

Lab File: BE092618.D

Acq: 27 Dec 2016 11:51

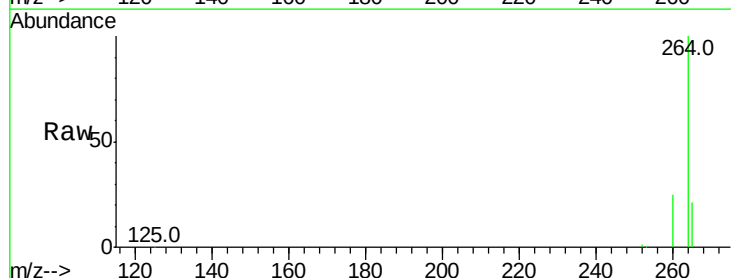
Tgt Ion:264 Resp: 69897

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 21.5 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

