

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091923.D
 Acq On : 15 Jun 2016 13:59
 Operator : UM/SJ
 Sample : H3476-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160607

Quant Time: Jun 15 15:17:00 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 12:00:38 2016
 Response via : Initial Calibration

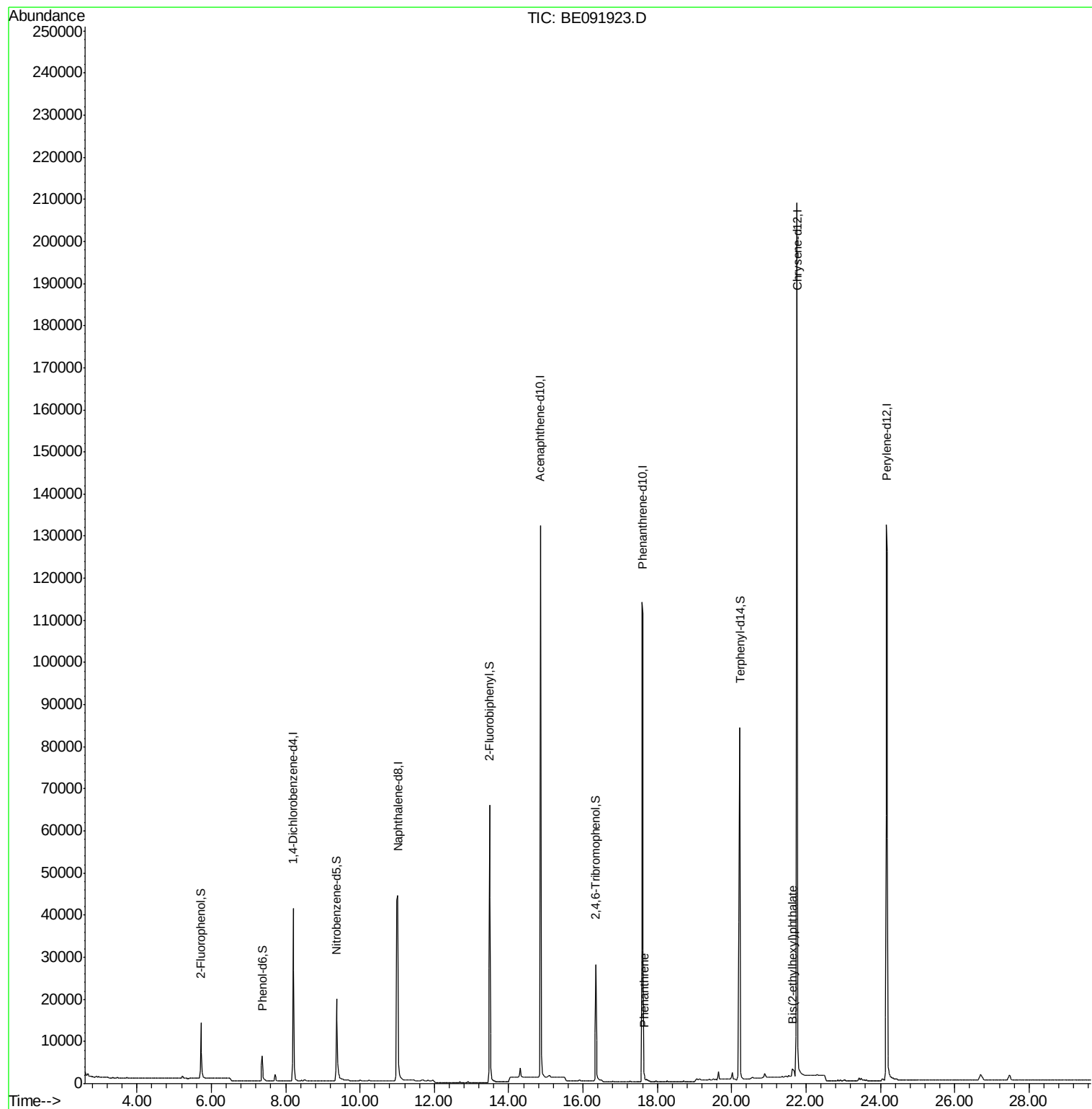
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24362	5.00	ng	0.00
8) Naphthalene-d8	11.02	136	109237	5.00	ng	0.03
15) Acenaphthene-d10	14.86	164	82888	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	170715	5.00	ng	0.00
31) Chrysene-d12	21.76	240	285427	5.00	ng	0.00
40) Perylene-d12	24.16	264	203084	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	12050	2.53	ng	0.00
5) Phenol-d6	7.37	99	9155	1.29	ng	0.02
9) Nitrobenzene-d5	9.37	82	23733	3.15	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	14339	6.66	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	70192	3.34	ng	0.00
34) Terphenyl-d14	20.22	244	132812	3.80	ng	0.00
Target Compounds						
28) Phenanthrene	17.64	178	895	0.02	ng	# 80
38) Bis(2-ethylhexyl)phthalate	21.64	149	5708	0.12	ng	# 100

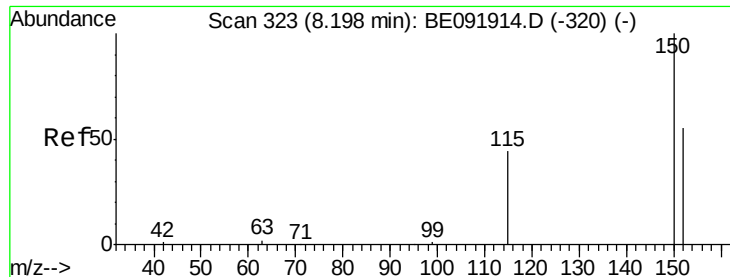
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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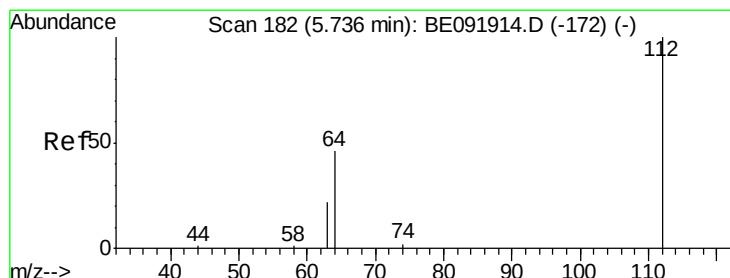
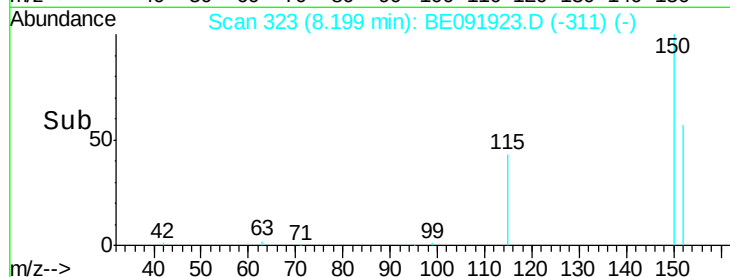
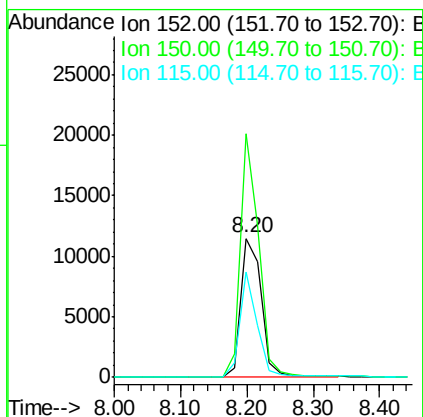
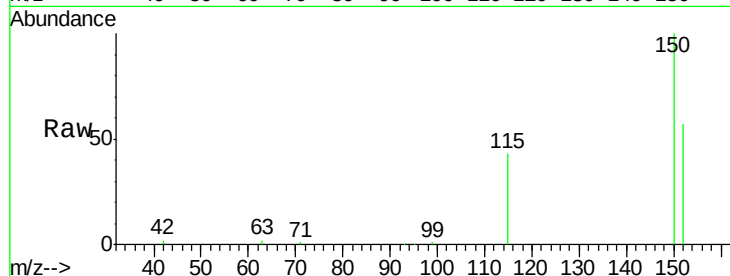




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.20 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: BE091923.D
 Acq: 15 Jun 2016 13:59

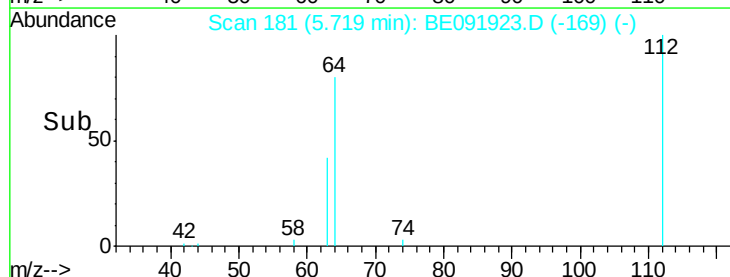
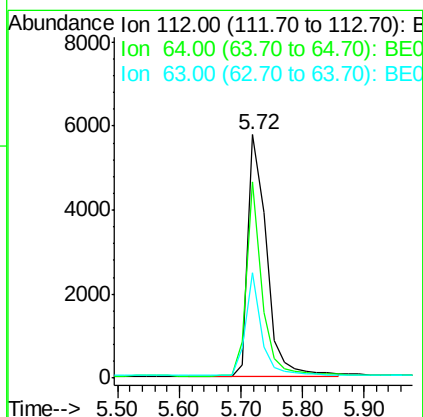
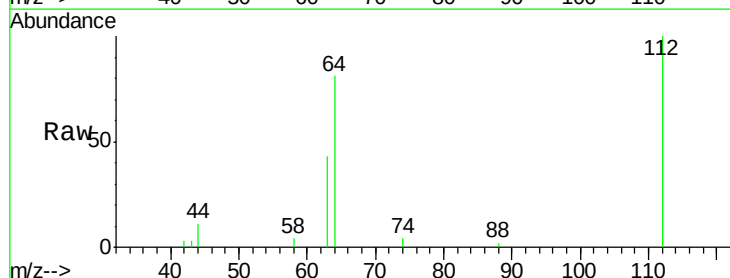
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160607

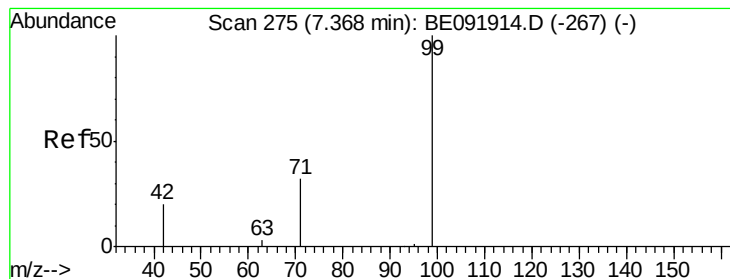
Tgt Ion:152 Resp: 24362
 Ion Ratio Lower Upper
 152 100
 150 175.5 123.9 185.9
 115 75.9 48.3 72.5#



#4
 2-Fluorophenol
 Concen: 2.53 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE091923.D
 Acq: 15 Jun 2016 13:59

Tgt Ion:112 Resp: 12050
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.7 80.5
 63 36.2 29.5 44.3





#5

Phenol-d6

Concen: 1.29 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160607

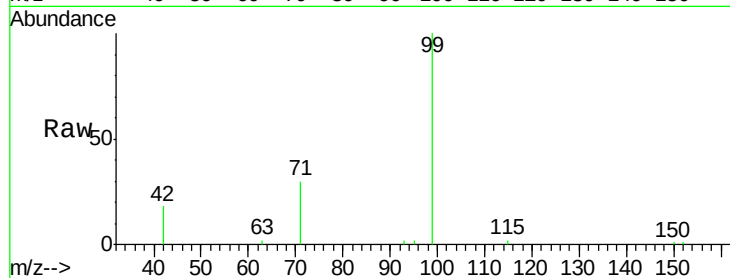
Tgt Ion: 99 Resp: 9155

Ion Ratio Lower Upper

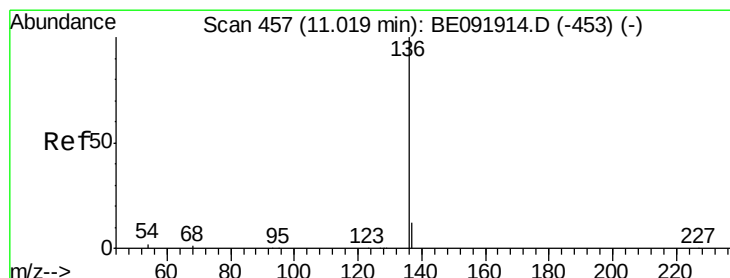
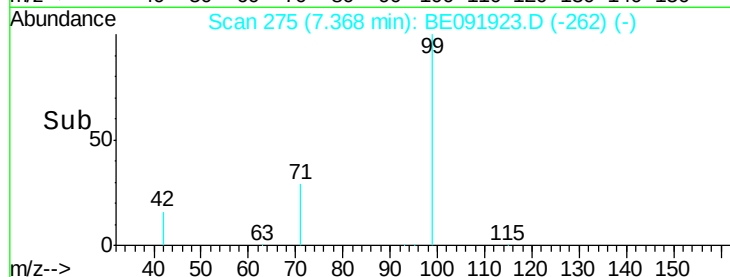
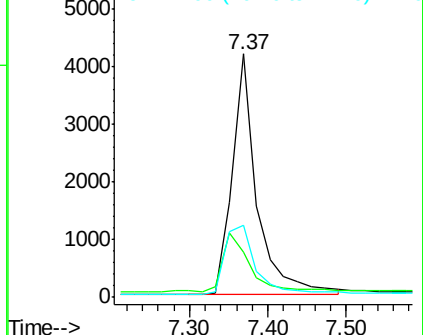
99 100

42 26.8 19.6 29.4

71 36.1 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.02 min Scan# 457

Delta R.T. 0.03 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

Tgt Ion: 136 Resp: 109237

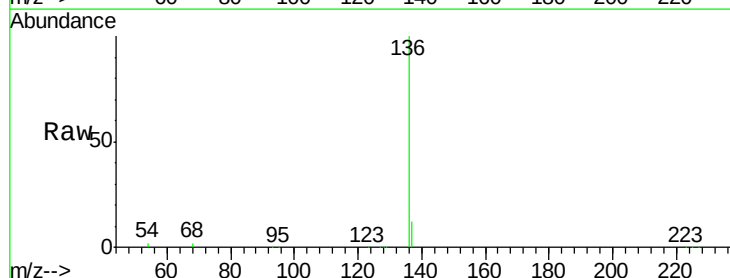
Ion Ratio Lower Upper

136 100

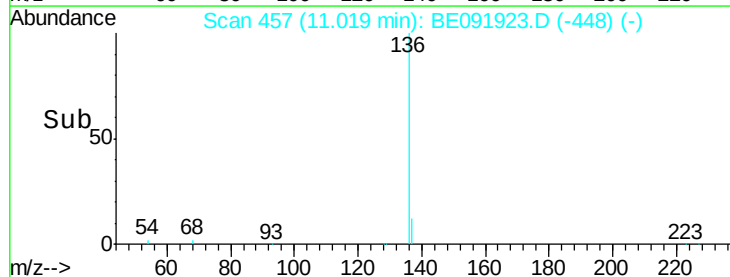
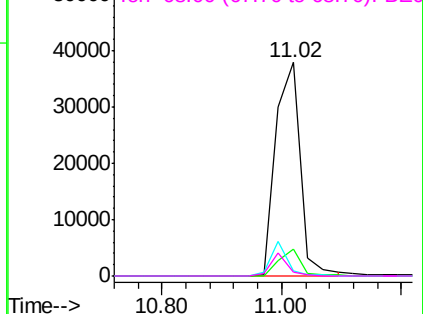
137 12.4 8.3 12.5

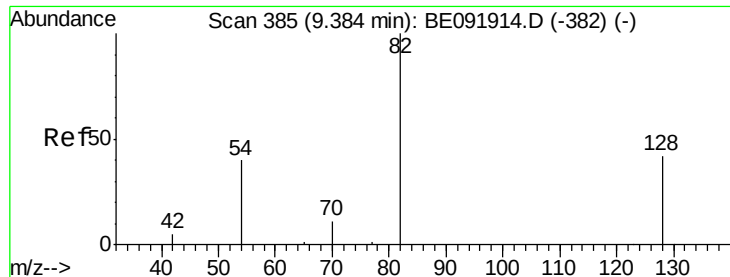
54 2.3 8.2 12.4#

68 1.9 5.9 8.9#



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





#9

Nitrobenzene-d5

Concen: 3.15 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160607

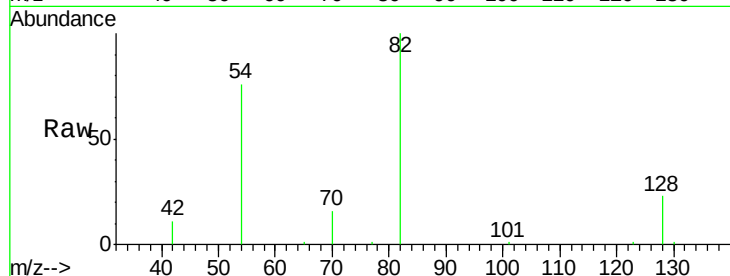
Tgt Ion: 82 Resp: 23733

Ion Ratio Lower Upper

82 100

128 23.0 39.5 59.3#

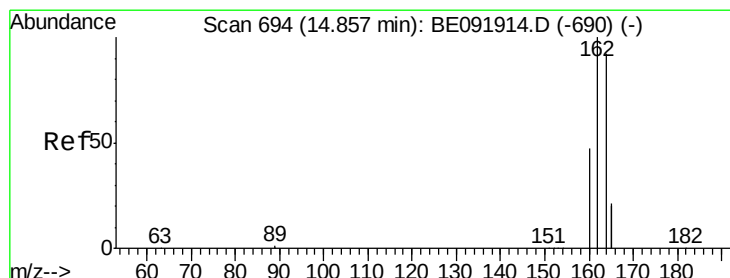
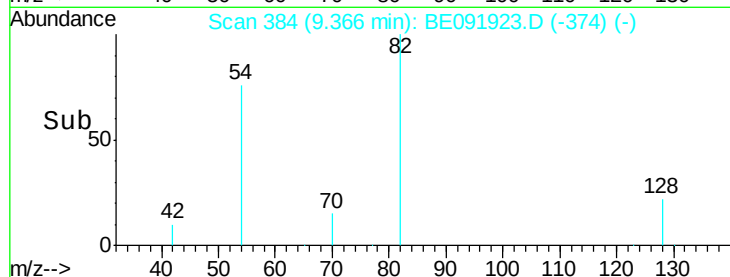
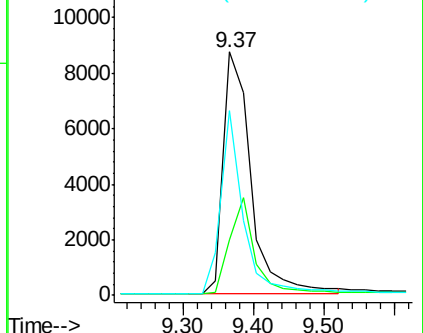
54 75.9 30.3 45.5#



Abundance Ion 82.00 (81.70 to 82.70): BE091914.D (-382) (-)

Ion 128.00 (127.70 to 128.70): BE091914.D (-382) (-)

Ion 54.00 (53.70 to 54.70): BE091914.D (-382) (-)



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

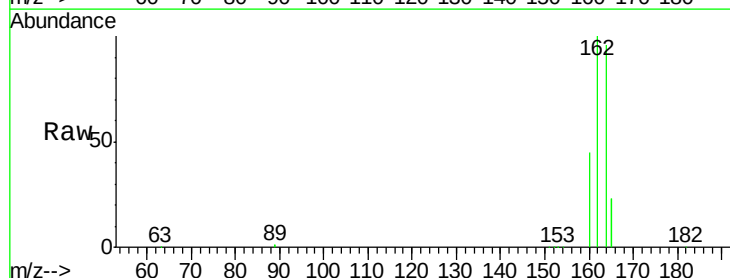
Tgt Ion: 164 Resp: 82888

Ion Ratio Lower Upper

164 100

162 103.8 71.8 107.8

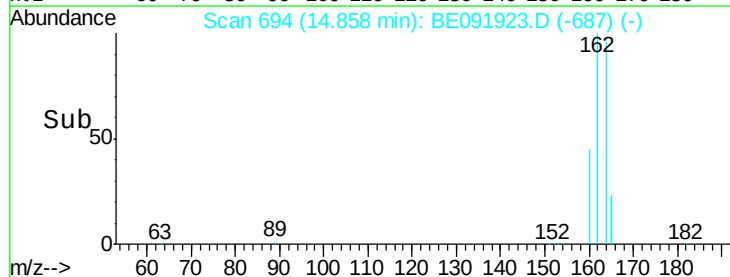
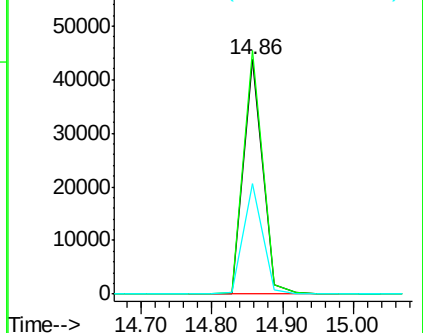
160 47.0 28.0 42.0#

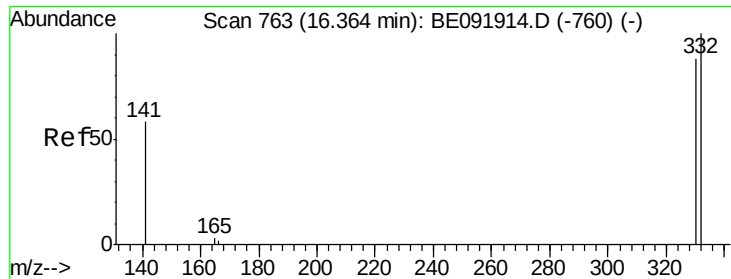


Abundance Ion 164.00 (163.70 to 164.70): BE091914.D (-690) (-)

Ion 162.00 (161.70 to 162.70): BE091914.D (-690) (-)

Ion 160.00 (159.70 to 160.70): BE091914.D (-690) (-)

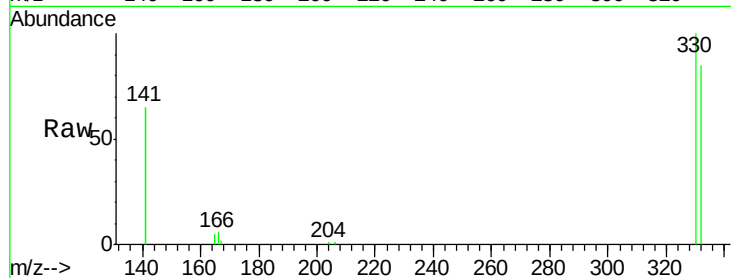




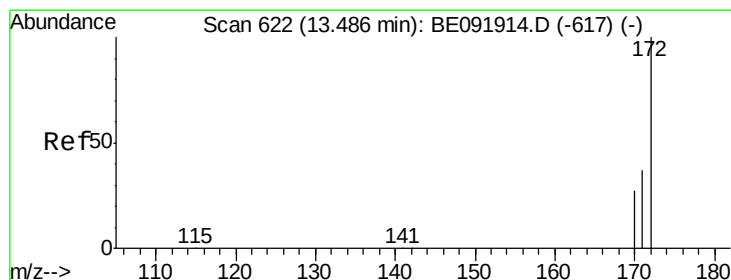
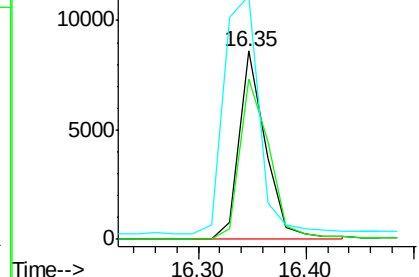
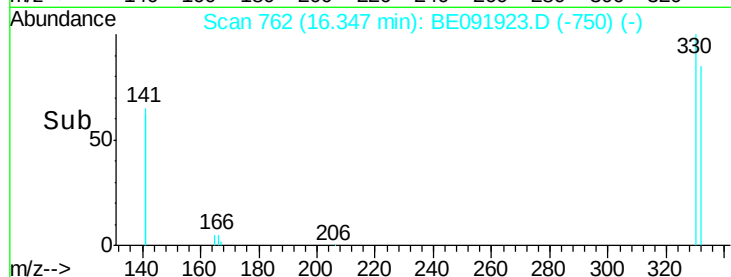
#16
 2,4,6-Tribromophenol
 Concen: 6.66 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091923.D
 Acq: 15 Jun 2016 13:59

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-160607

Tgt Ion:330 Resp: 14339
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 170.0 138.4 207.6

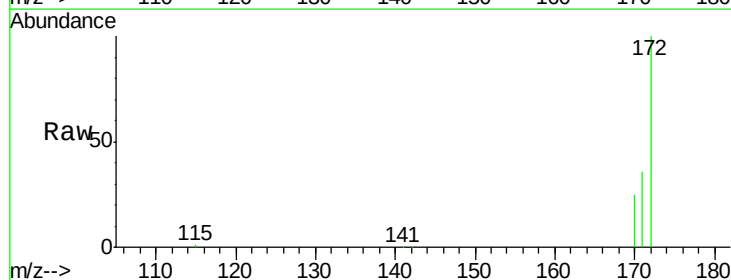


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

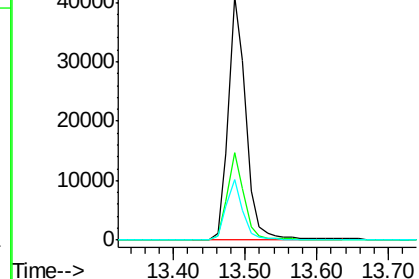
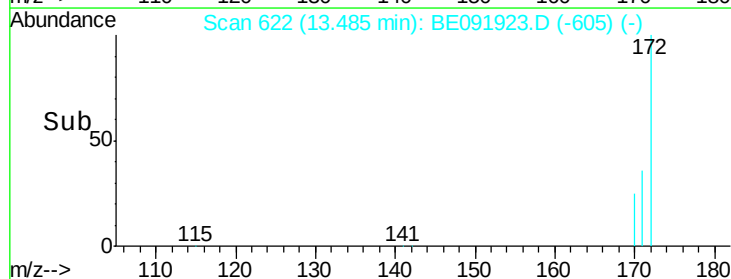


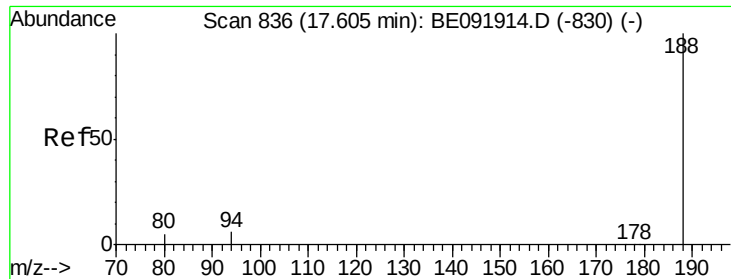
#17
 2-Fluorobiphenyl
 Concen: 3.34 ng
 RT: 13.48 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BE091923.D
 Acq: 15 Jun 2016 13:59

Tgt Ion:172 Resp: 70192
 Ion Ratio Lower Upper
 172 100
 171 35.8 24.3 36.5
 170 24.9 14.9 22.3#



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

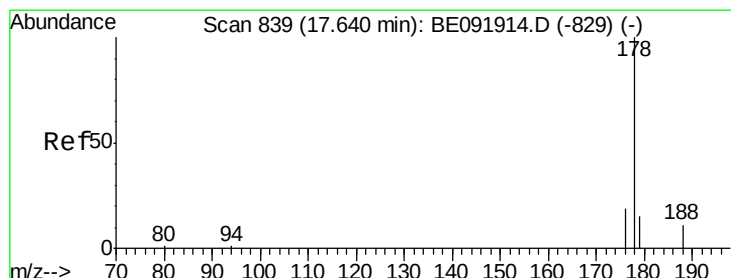
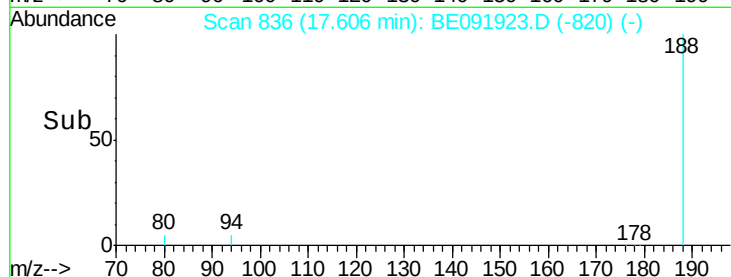
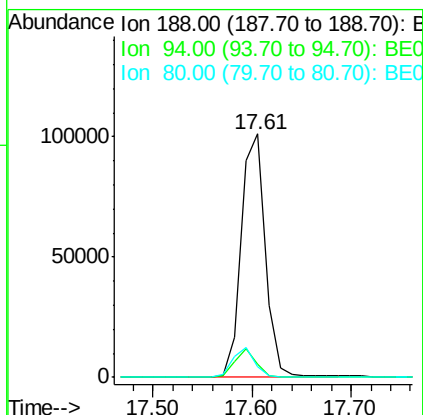
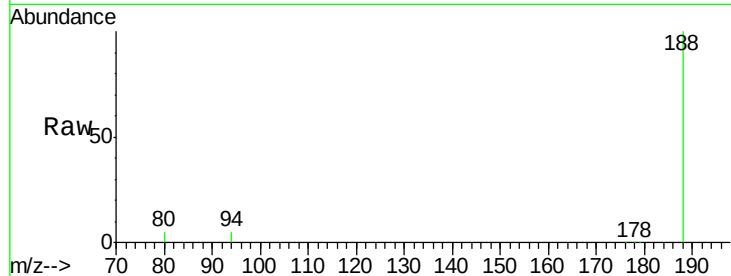




#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

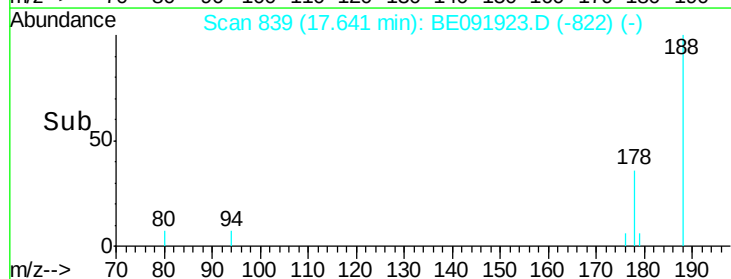
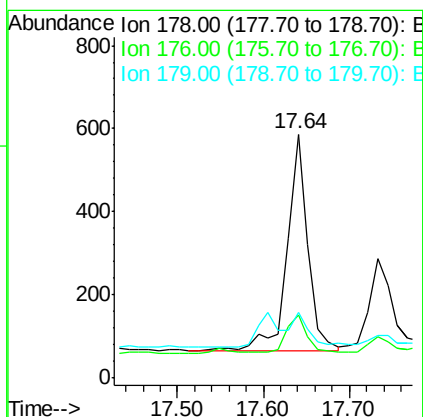
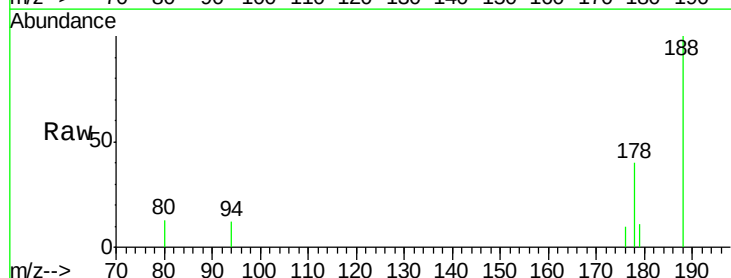
Instrument :
BNA_E
ClientSampleId :
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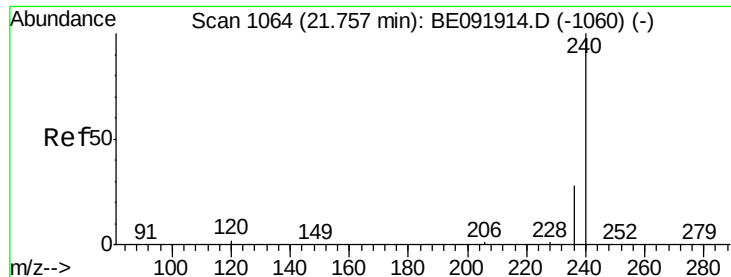
Tgt Ion:188 Resp: 170715
Ion Ratio Lower Upper
188 100
94 5.4 4.1 6.1
80 4.6 3.4 5.2



#28
Phenanthrene
Concen: 0.02 ng
RT: 17.64 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE091923.D
Acq: 15 Jun 2016 13:59

Tgt Ion:178 Resp: 895
Ion Ratio Lower Upper
178 100
176 16.6 15.4 23.2
179 0.0 12.9 19.3#





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.76 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-160607

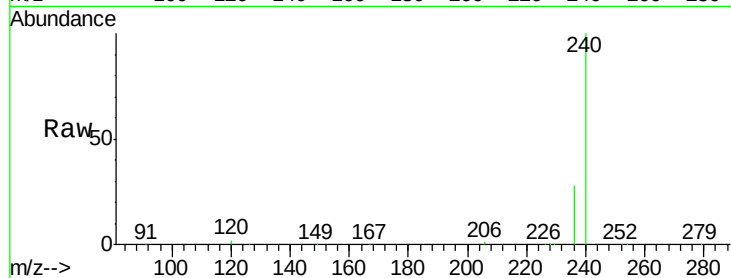
Tgt Ion:240 Resp: 285427

Ion Ratio Lower Upper

240 100

120 1.5 1.2 1.8

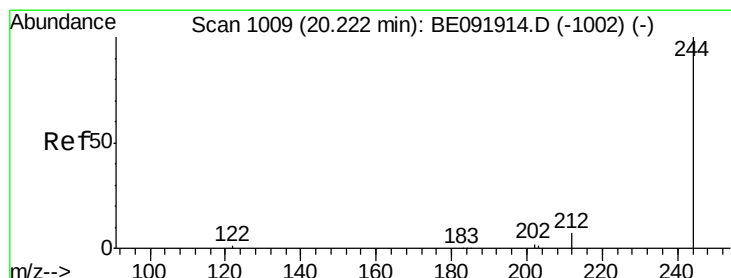
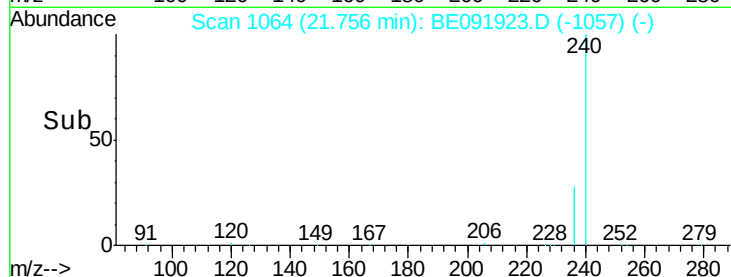
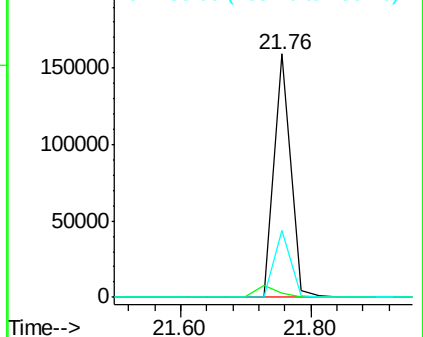
236 27.7 19.8 29.8



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



#34

Terphenyl-d14

Concen: 3.80 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

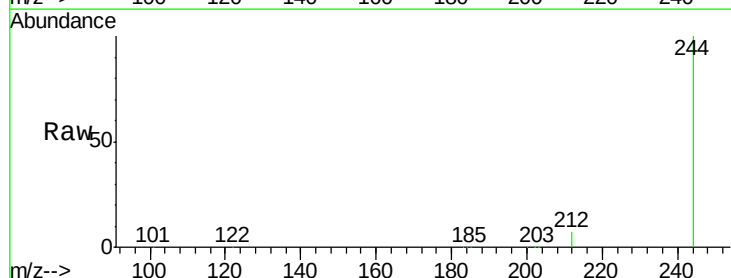
Tgt Ion:244 Resp: 132812

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

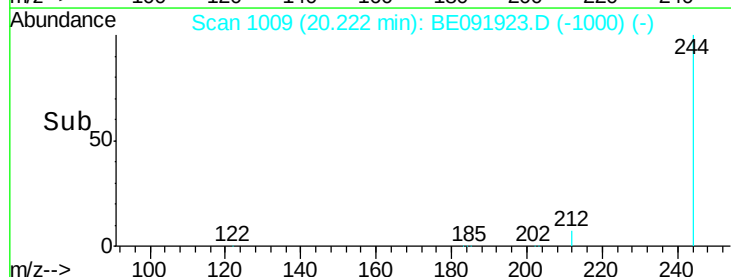
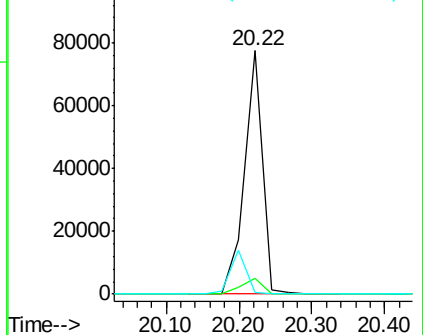
122 0.5 2.9 4.3#

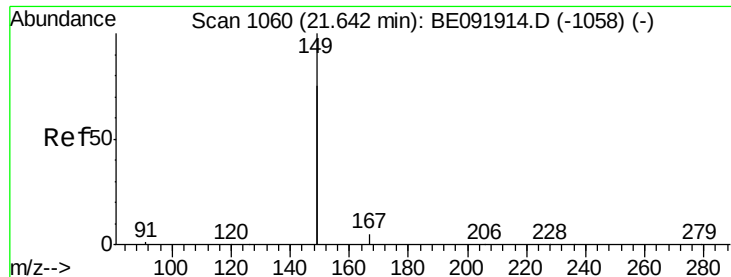


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.12 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

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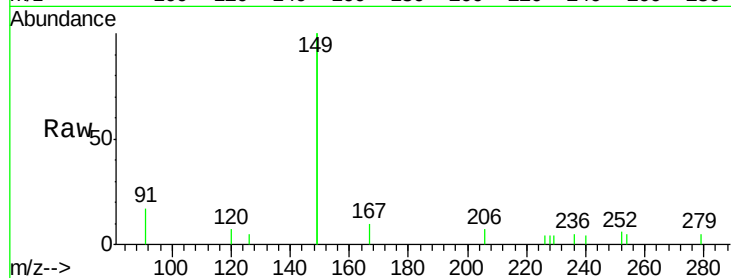
Tgt Ion:149 Resp: 5708

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

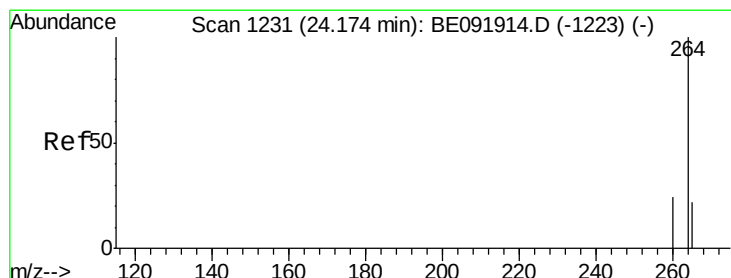
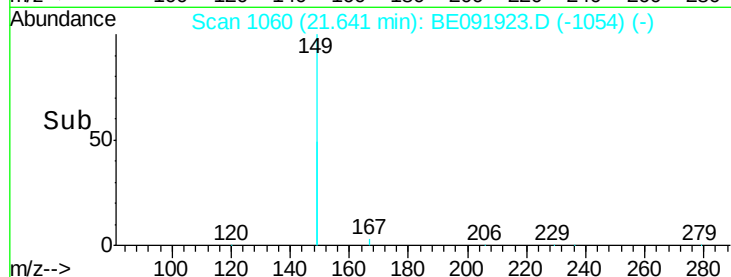
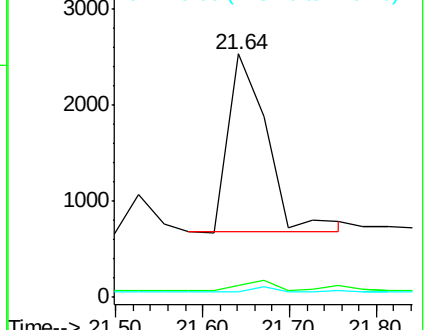
279 0.0 0.0 0.0



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



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE091923.D

Acq: 15 Jun 2016 13:59

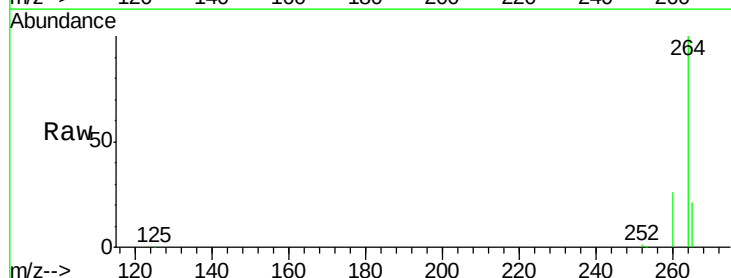
Tgt Ion:264 Resp: 203084

Ion Ratio Lower Upper

264 100

260 26.2 20.3 30.5

265 20.6 17.6 26.4



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

