

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092389.D
 Acq On : 16 Sep 2016 12:44
 Operator : UM/SJ
 Sample : H4795-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 T2TWP

Quant Time: Sep 16 13:25:57 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 19:34:51 2016
 Response via : Initial Calibration

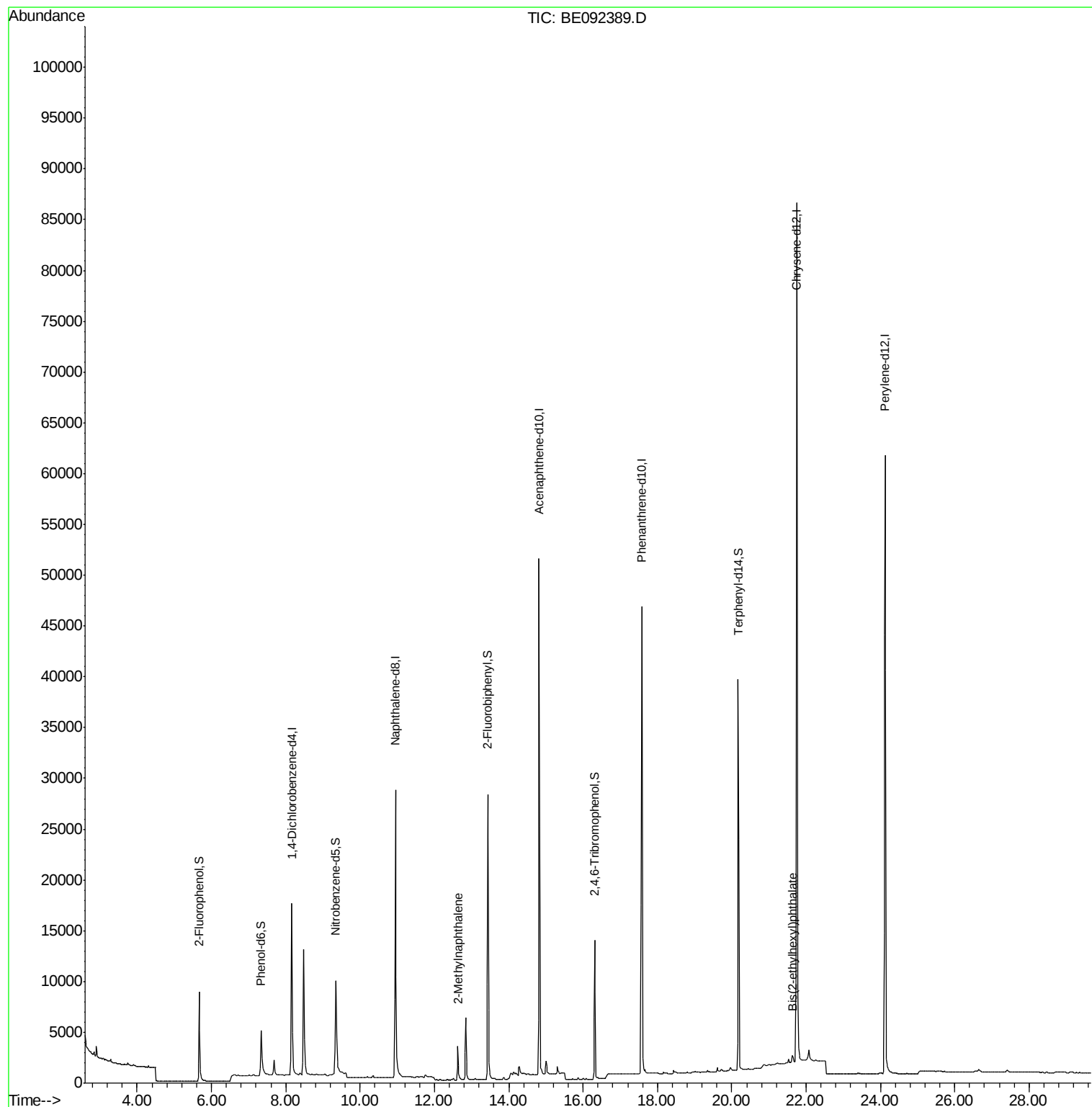
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9646	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	44261	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	34380	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	72833	5.00	ng	0.02
24) Chrysene-d12	21.75	240	98004	5.00	ng	0.00
31) Perylene-d12	24.12	264	85935	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	8307	3.62	ng	-0.02
5) Phenol-d6	7.34	99	6792	2.22	ng	-0.02
8) Nitrobenzene-d5	9.34	82	12061	3.79	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	8982	8.43	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	32223	3.05	ng	-0.01
26) Terphenyl-d14	20.17	244	54616	3.77	ng	0.00
Target Compounds						
11) 2-Methylnaphthalene	12.64	142	3403	0.52	ng	Qvalue 90
29) Bis(2-ethylhexyl)phthalate	21.63	149	1251	0.15	ng	# 56

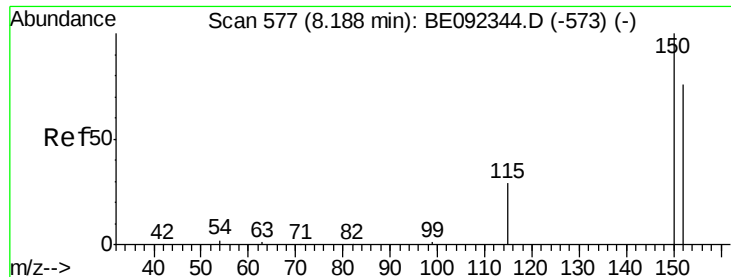
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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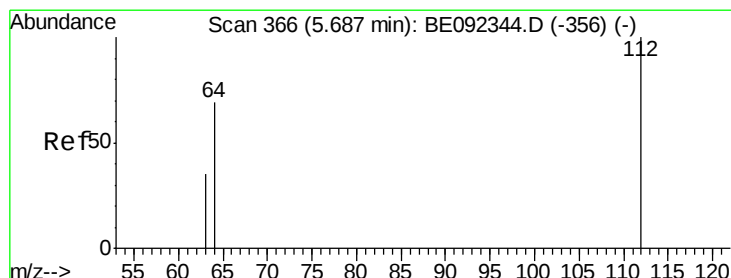
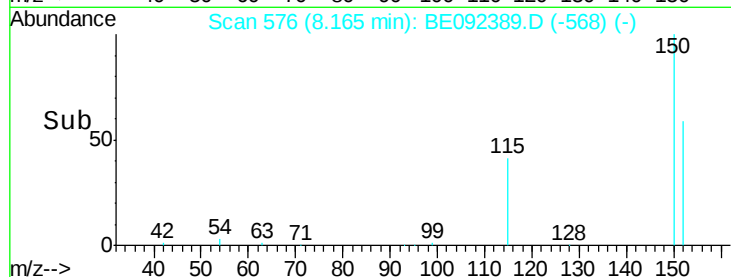
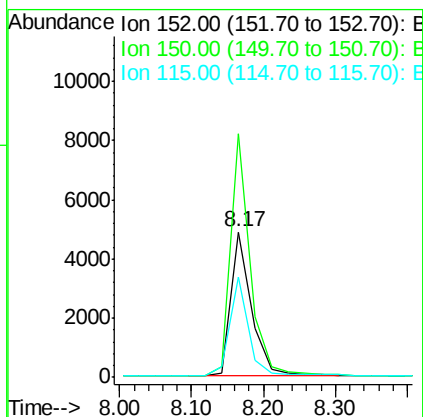
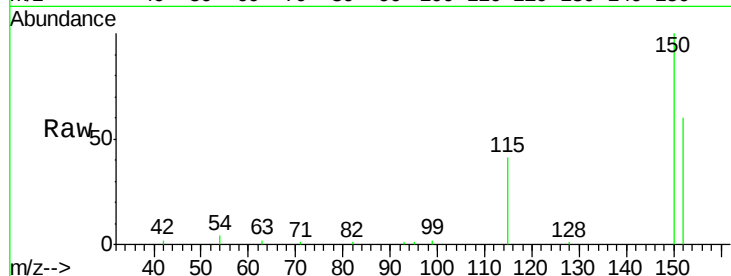




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

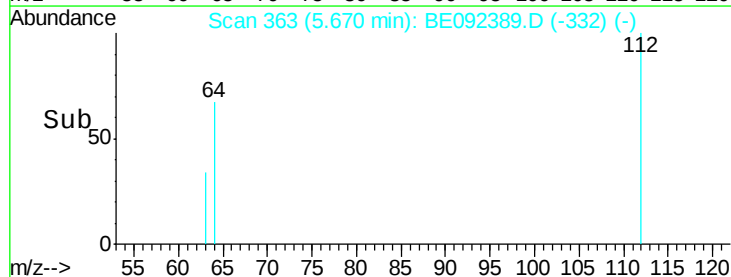
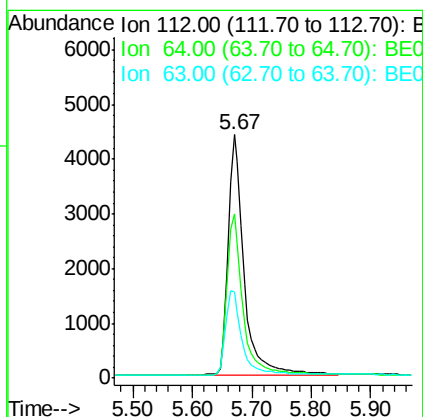
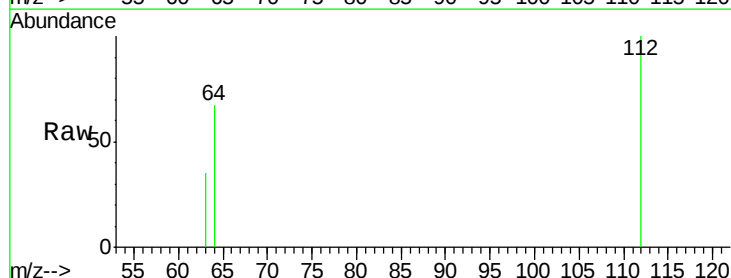
Instrument :
 BNA_E
 ClientSampleId :
 T2TWP

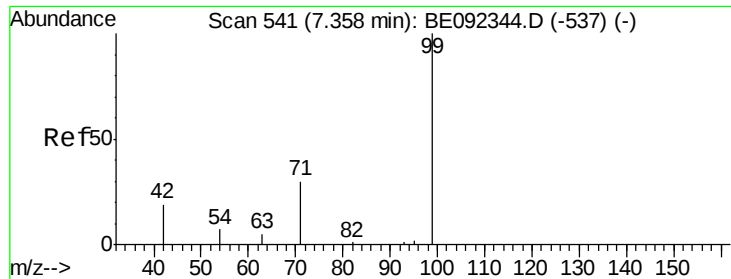
Tgt Ion:152 Resp: 9646
 Ion Ratio Lower Upper
 152 100
 150 167.4 106.0 159.0#
 115 69.1 31.2 46.8#



#4
 2-Fluorophenol
 Concen: 3.62 ng
 RT: 5.67 min Scan# 363
 Delta R.T. -0.02 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Tgt Ion:112 Resp: 8307
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.5 80.3
 63 35.7 27.9 41.9





#5

Phenol-d6

Concen: 2.22 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

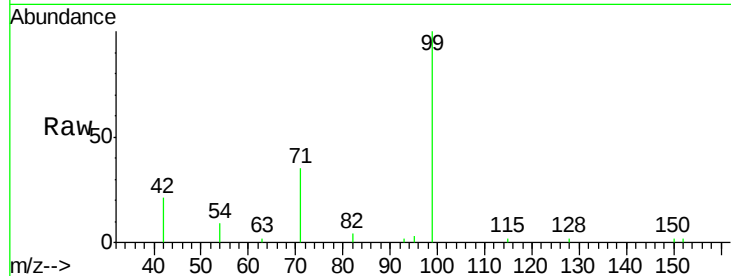
Tgt Ion: 99 Resp: 6792

Ion Ratio Lower Upper

99 100

42 22.8 16.0 24.0

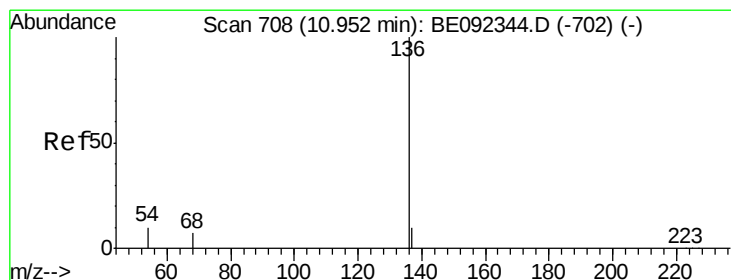
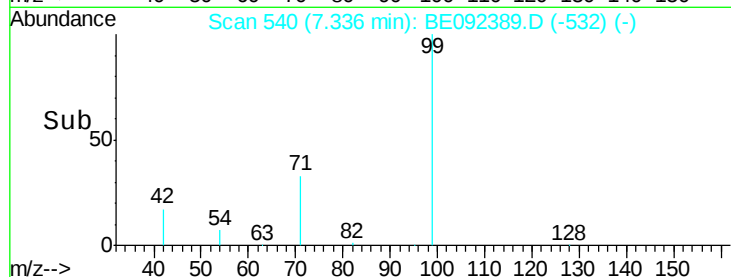
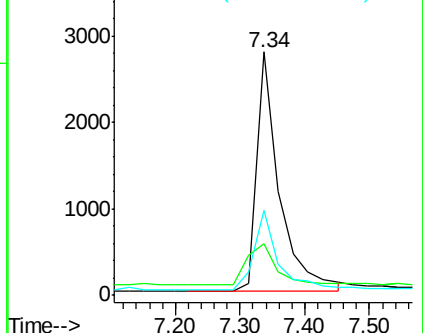
71 35.9 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BE092344.D (-537) (-)

Ion 42.00 (41.70 to 42.70): BE092344.D (-537) (-)

Ion 71.00 (70.70 to 71.70): BE092344.D (-537) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Tgt Ion: 136 Resp: 44261

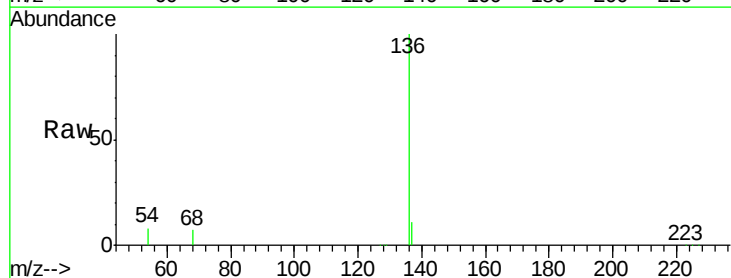
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.5 9.6 14.4#

68 6.7 6.7 10.1#

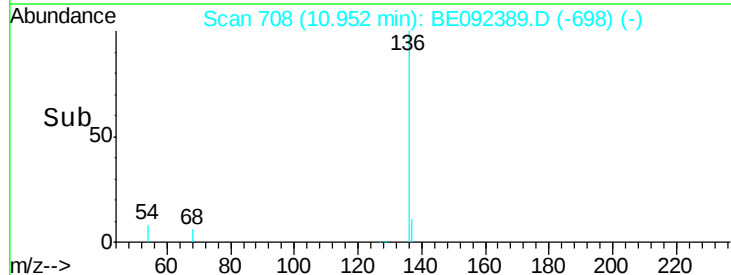
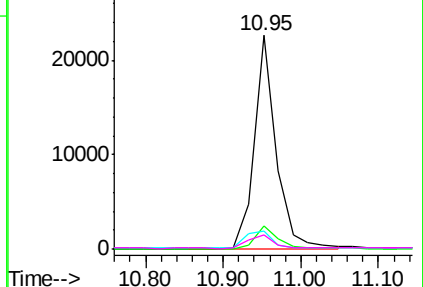


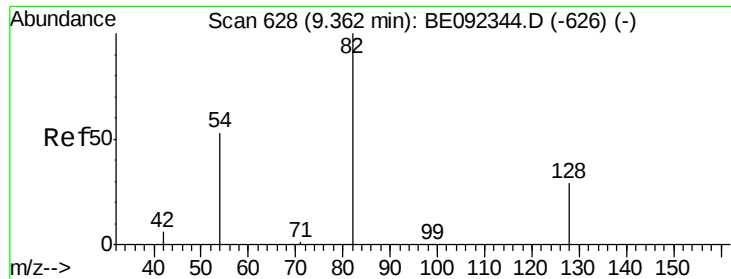
Abundance Ion 136.00 (135.70 to 136.70): BE092344.D (-702) (-)

Ion 137.00 (136.70 to 137.70): BE092344.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-702) (-)

Ion 68.00 (67.70 to 68.70): BE092344.D (-702) (-)





#8

Nitrobenzene-d5

Concen: 3.79 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

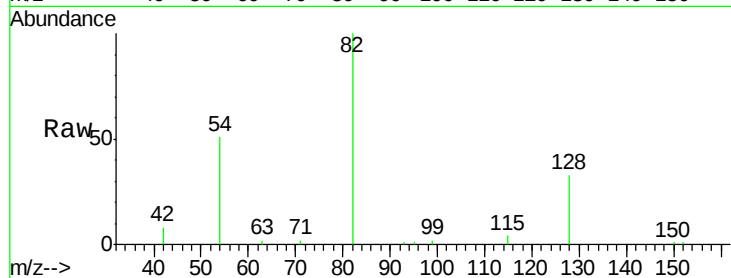
Tgt Ion: 82 Resp: 12061

Ion Ratio Lower Upper

82 100

128 33.2 39.0 58.4#

54 50.7 44.8 67.2

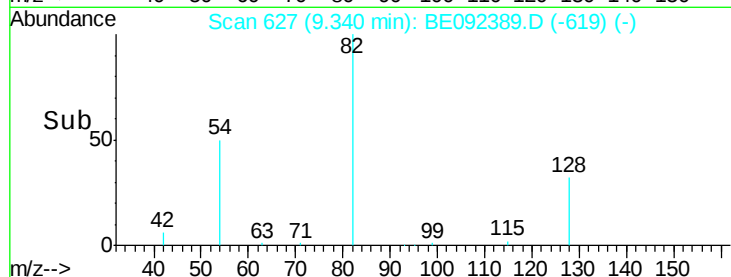


Abundance Ion 82.00 (81.70 to 82.70): BE092344.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092344.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-626) (-)

Time-->

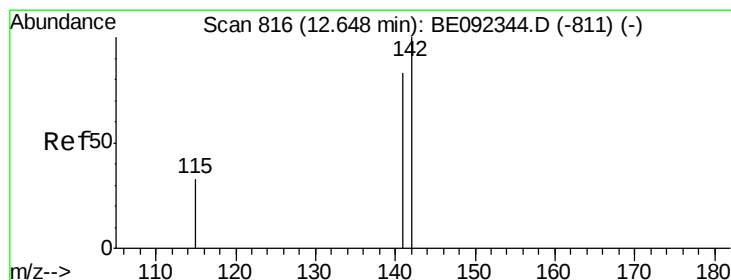


Abundance Ion 82.00 (81.70 to 82.70): BE092389.D (-619) (-)

Ion 128.00 (127.70 to 128.70): BE092389.D (-619) (-)

Ion 54.00 (53.70 to 54.70): BE092389.D (-619) (-)

Time-->



#11

2-Methylnaphthalene

Concen: 0.52 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

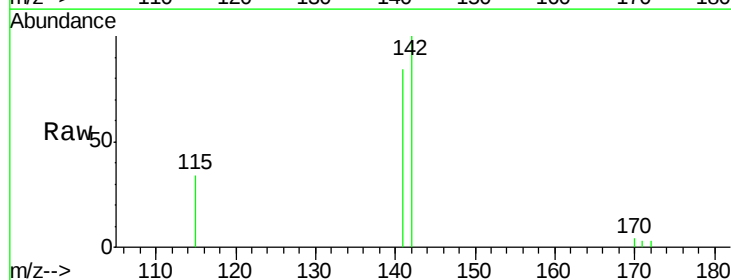
Tgt Ion: 142 Resp: 3403

Ion Ratio Lower Upper

142 100

141 84.1 73.7 110.5

115 34.4 34.0 51.0

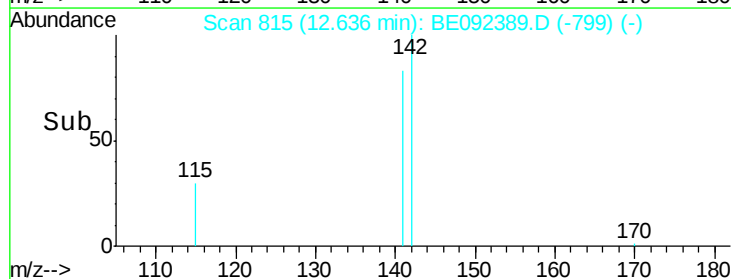


Abundance Ion 142.00 (141.70 to 142.70): BE092344.D (-811) (-)

Ion 141.00 (140.70 to 141.70): BE092344.D (-811) (-)

Ion 115.00 (114.70 to 115.70): BE092344.D (-811) (-)

Time-->

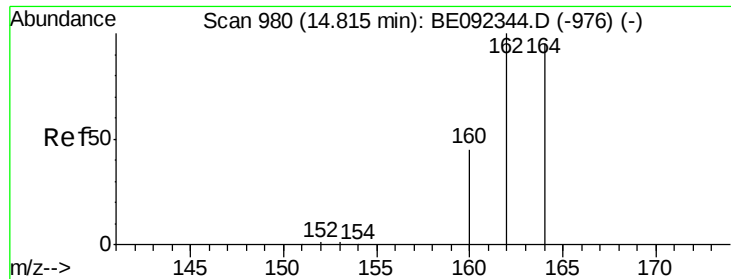


Abundance Ion 142.00 (141.70 to 142.70): BE092389.D (-799) (-)

Ion 141.00 (140.70 to 141.70): BE092389.D (-799) (-)

Ion 115.00 (114.70 to 115.70): BE092389.D (-799) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

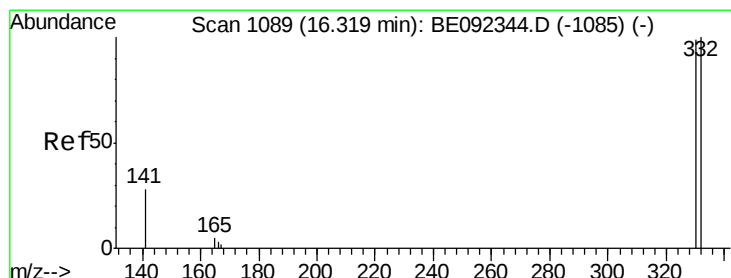
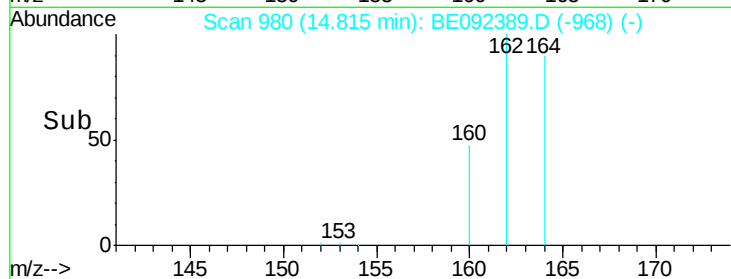
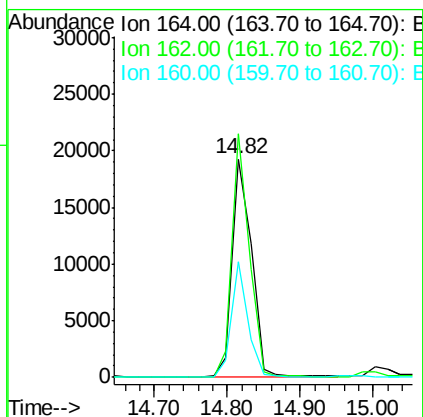
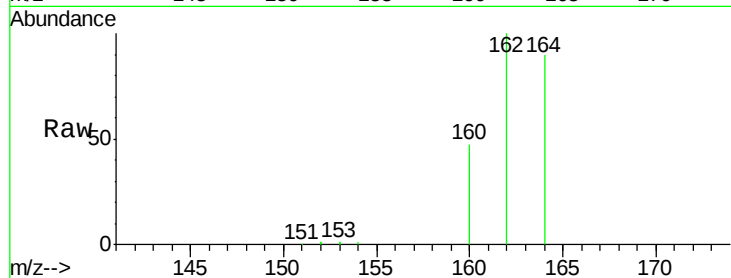
Tgt Ion:164 Resp: 34380

Ion Ratio Lower Upper

164 100

162 111.4 71.4 107.0#

160 52.7 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 8.43 ng

RT: 16.31 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

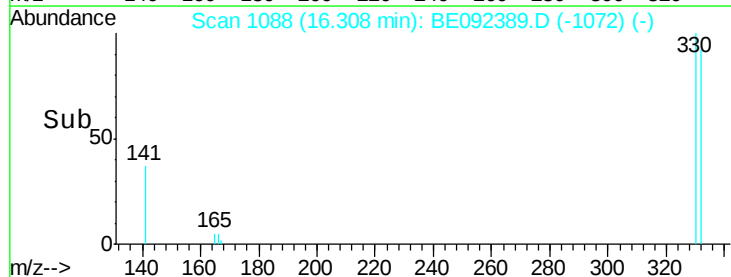
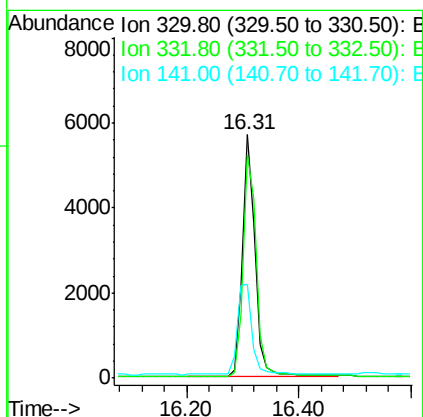
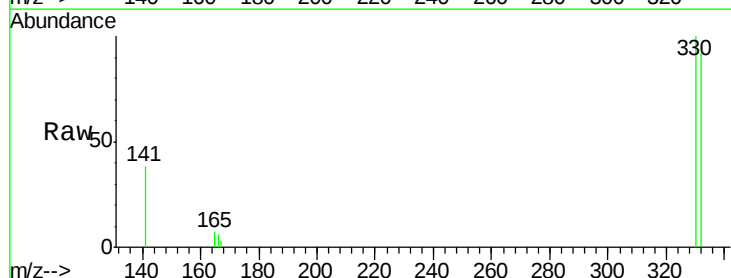
Tgt Ion:330 Resp: 8982

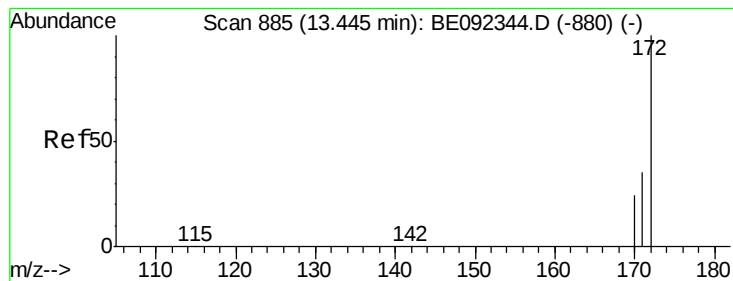
Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

141 44.5 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 3.05 ng

RT: 13.43 min Scan# 884

Delta R.T. -0.01 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

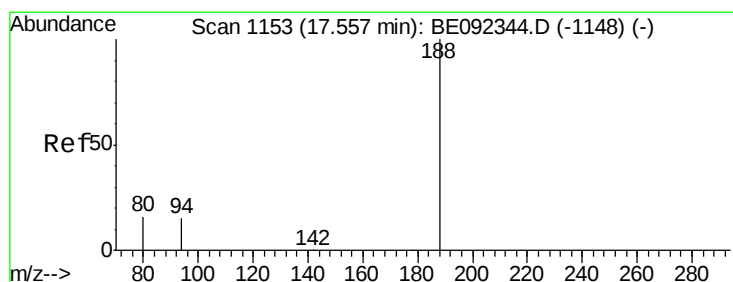
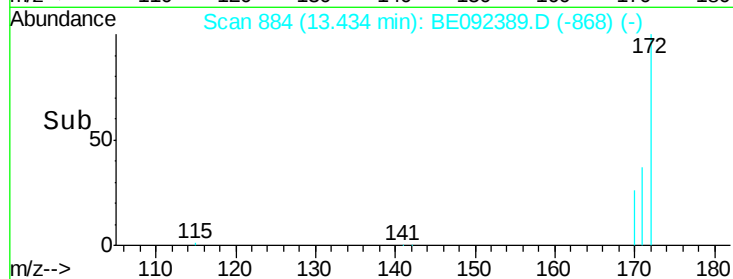
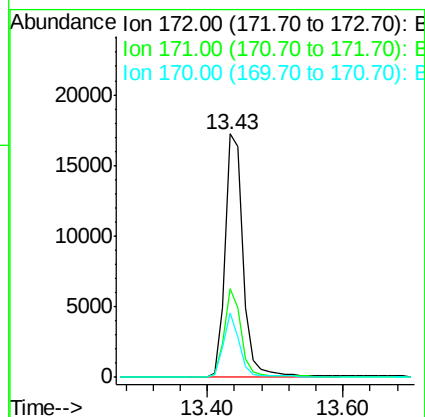
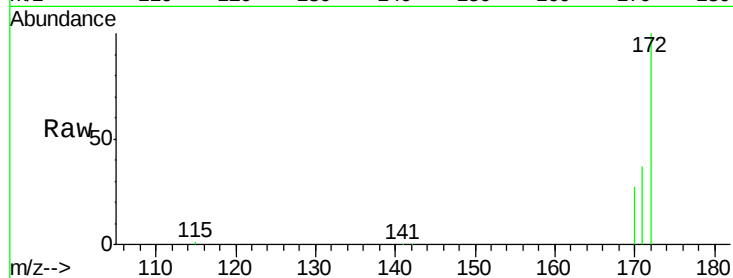
Tgt Ion:172 Resp: 32223

Ion Ratio Lower Upper

172 100

171 36.7 30.1 45.1

170 26.6 21.8 32.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

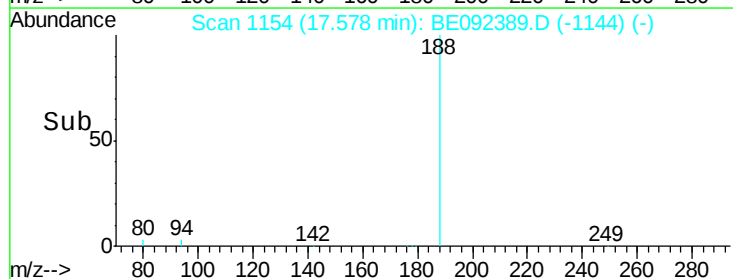
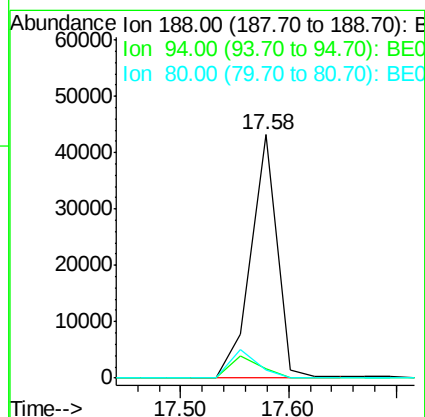
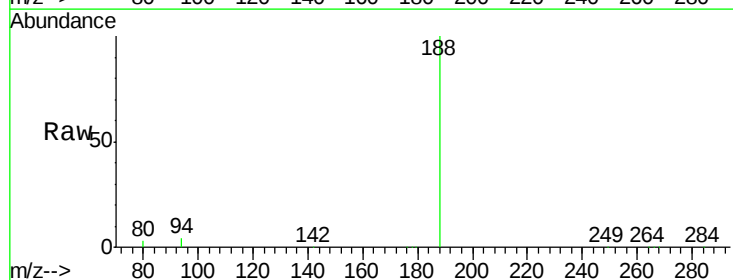
Tgt Ion:188 Resp: 72833

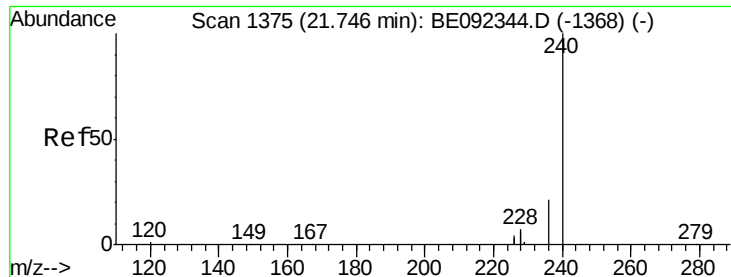
Ion Ratio Lower Upper

188 100

94 3.8 3.2 4.8

80 3.1 2.6 3.8





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

Instrument :

BNA_E

ClientSampleId :

T2TWP

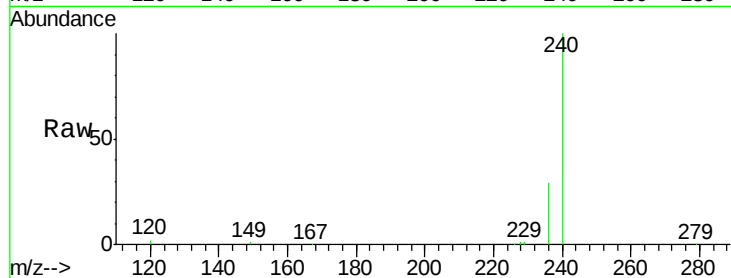
Tgt Ion:240 Resp: 98004

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

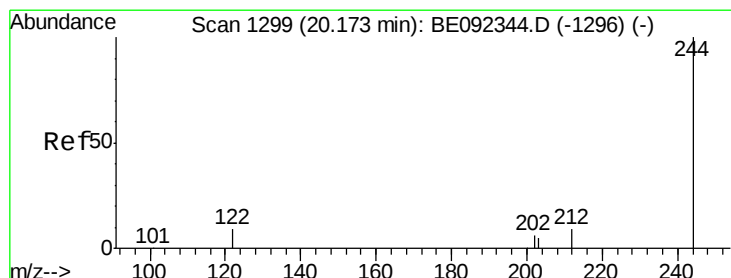
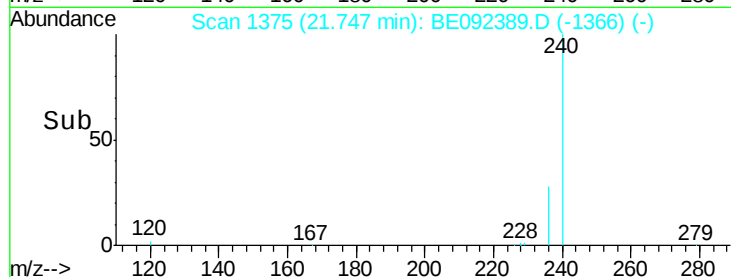
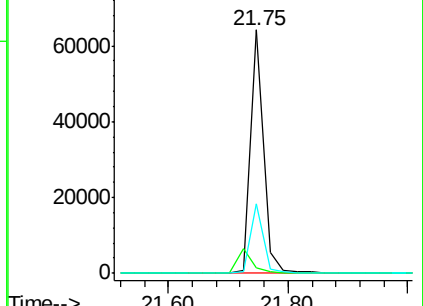
236 28.6 24.6 37.0



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: 3.77 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092389.D

Acq: 16 Sep 2016 12:44

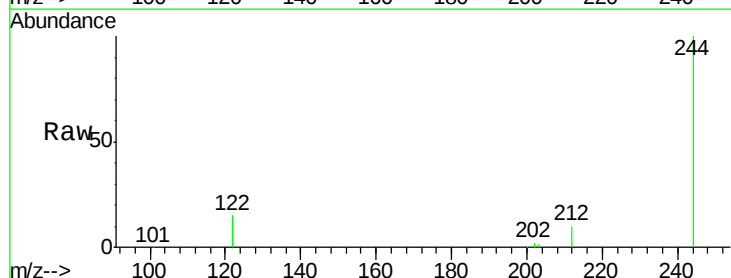
Tgt Ion:244 Resp: 54616

Ion Ratio Lower Upper

244 100

212 9.9 6.7 10.1

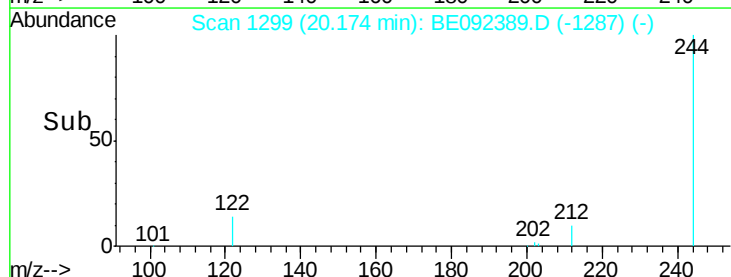
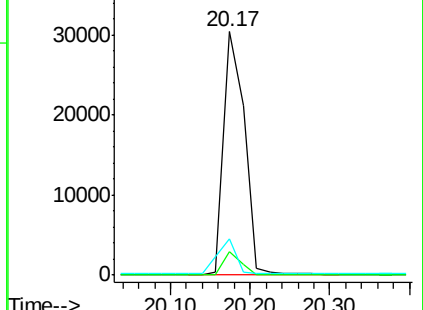
122 14.8 3.6 5.4#

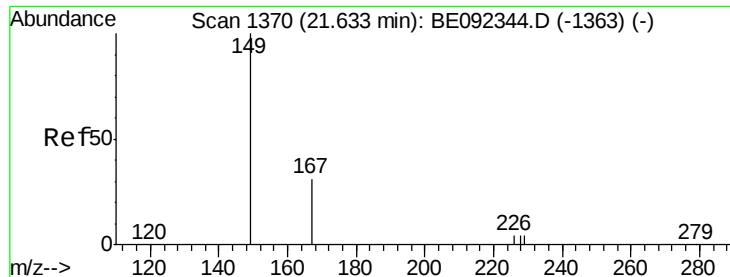


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

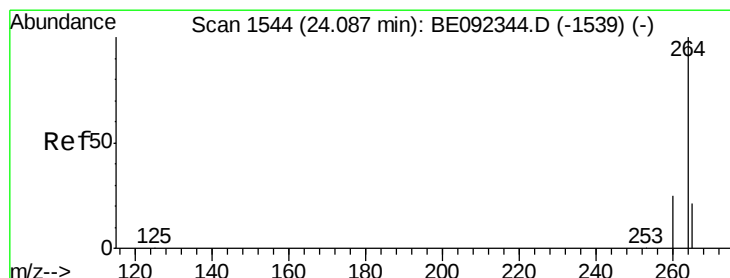
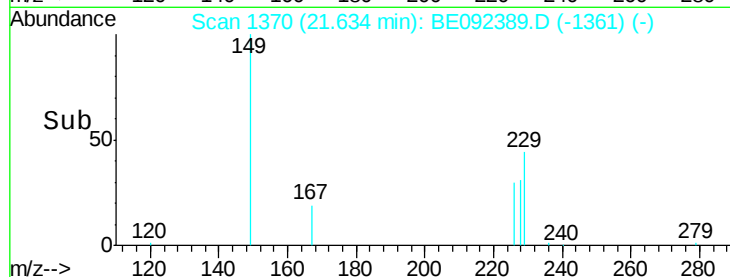
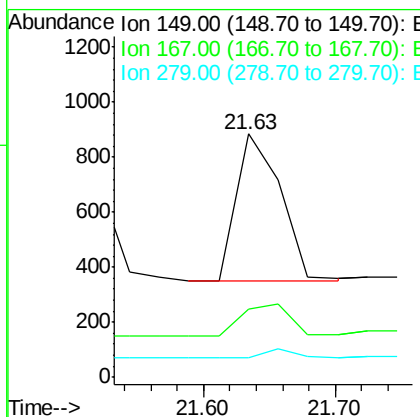
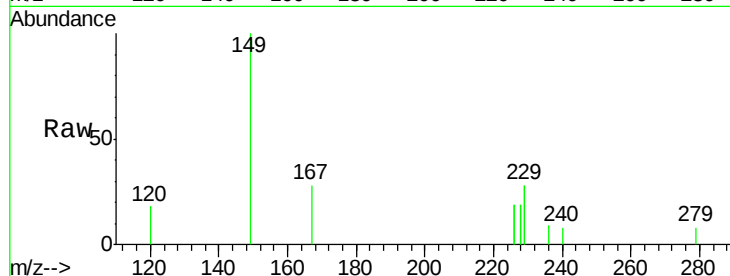




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Instrument :
 BNA_E
 ClientSampled :
 T2TWP

Tgt Ion: 149 Resp: 1251
 Ion Ratio Lower Upper
 149 100
 167 0.0 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. 0.04 min
 Lab File: BE092389.D
 Acq: 16 Sep 2016 12:44

Tgt Ion: 264 Resp: 85935
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 22.7 17.9 26.9

