

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092256.D
 Acq On : 10 Aug 2016 15:56
 Operator : UM/SJ
 Sample : H4383-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-080416

Quant Time: Aug 11 01:04:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 11:12:32 2016
 Response via : Initial Calibration

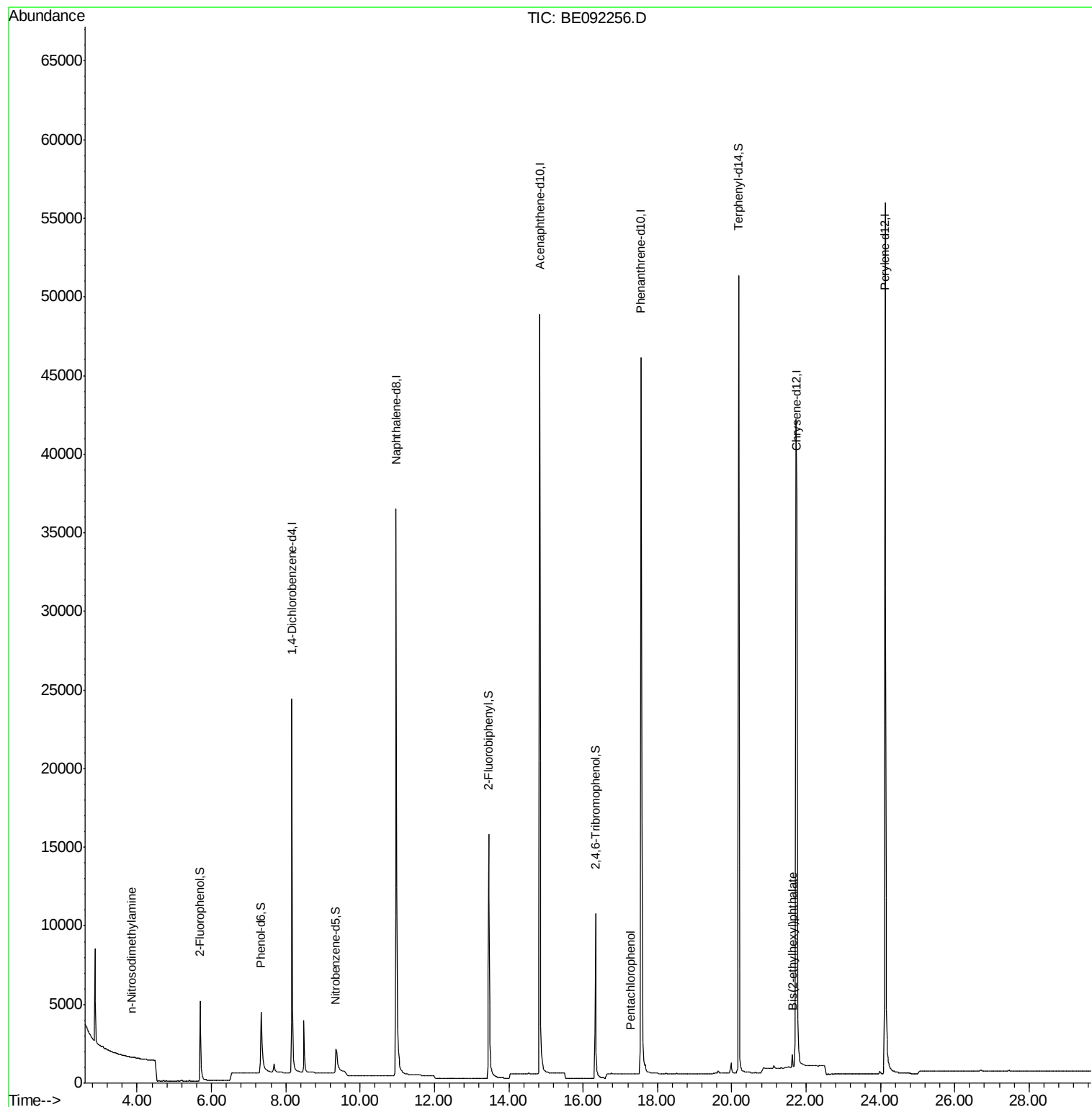
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13387	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	58819	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	32713	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	73755	5.00	ng	0.00
24) Chrysene-d12	21.75	240	79999	5.00	ng	0.00
31) Perylene-d12	24.13	264	88343	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	5070	1.73	ng	0.00
5) Phenol-d6	7.34	99	6757	1.60	ng	-0.02
8) Nitrobenzene-d5	9.34	82	2960	0.71	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	8853	6.96	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	20700	2.05	ng	-0.01
26) Terphenyl-d14	20.19	244	60327	4.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.40	88	31	Below Cal	#	18
3) n-Nitrosodimethylamine	3.86	42	15	0.16 ng	#	6
20) Pentachlorophenol	17.28	266	11	0.17 ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.63	149	1088	0.30 ng	#	93

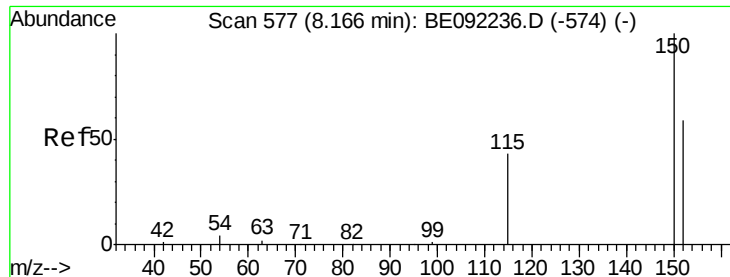
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE092256.D

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BNA_E

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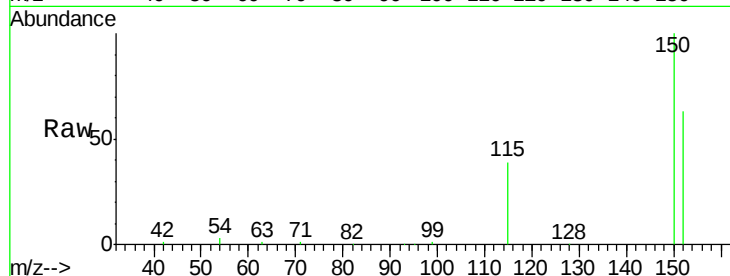
Tgt Ion:152 Resp: 13387

Ion Ratio Lower Upper

152 100

150 158.1 135.6 203.4

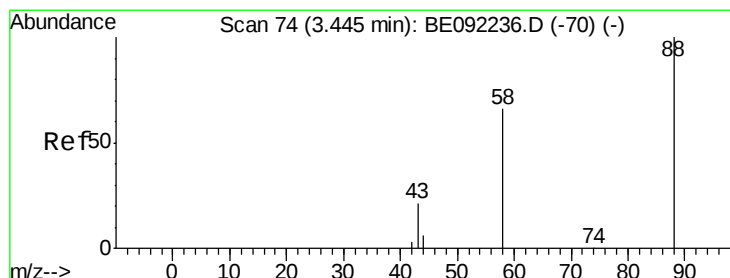
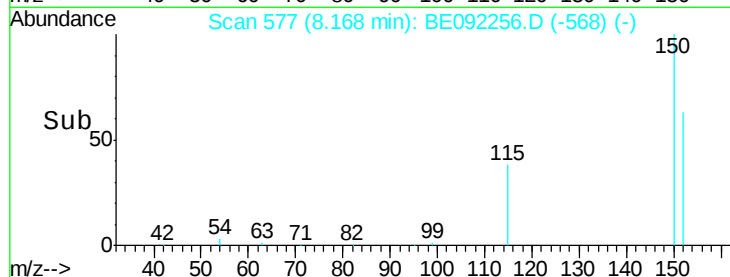
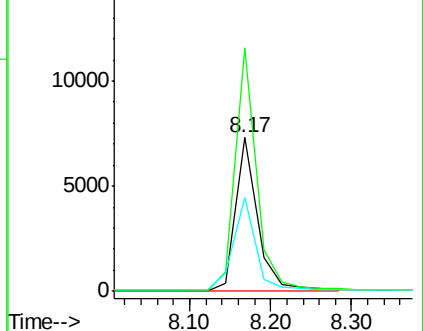
115 61.0 59.4 89.0



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.40 min Scan# 70

Delta R.T. -0.05 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

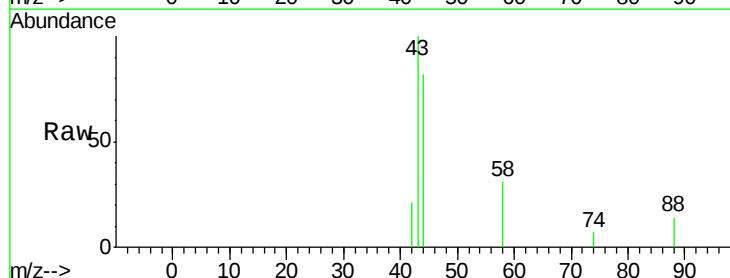
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

58 0.0 64.4 96.6#

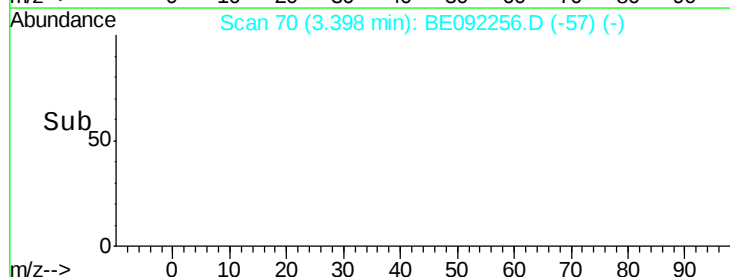
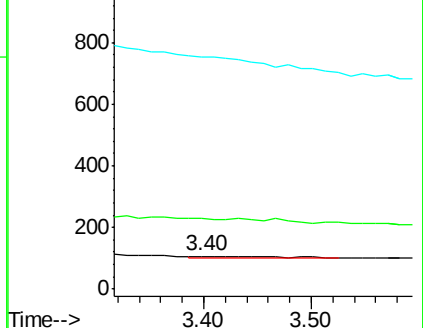
43 0.0 33.4 50.2#

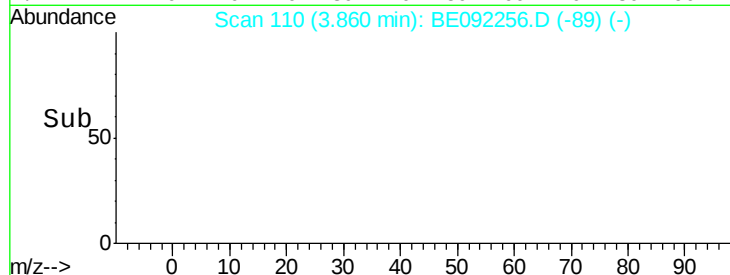
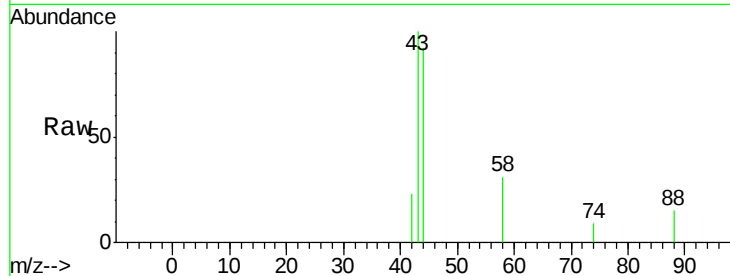
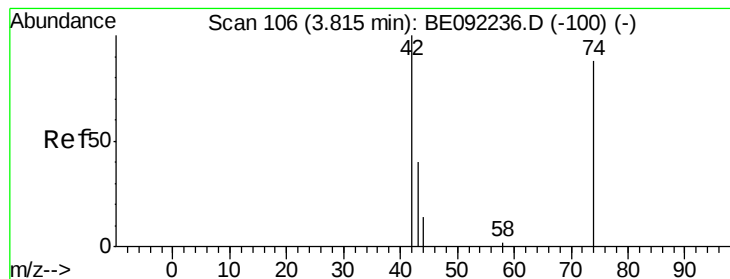


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.86 min Scan# 110

Delta R.T. 0.05 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

Instrument :

BNA_E

ClientSampleId :

FB-080416

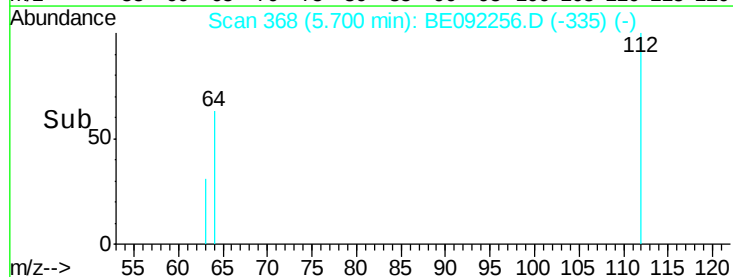
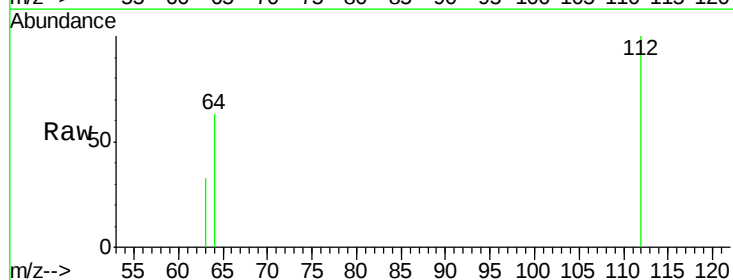
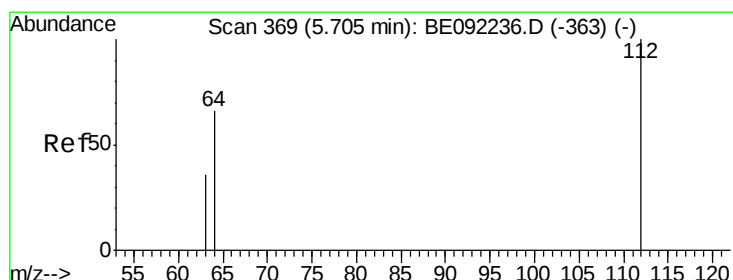
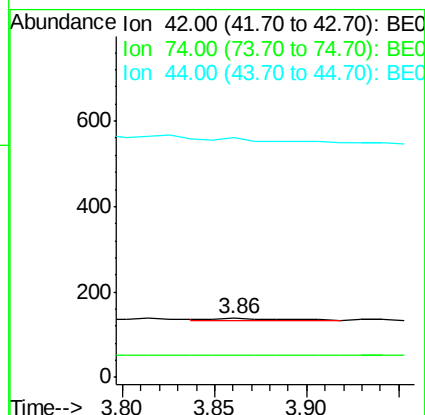
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 77.2 115.8#

44 0.0 5.0 7.4#



#4

2-Fluorophenol

Concen: 1.73 ng

RT: 5.70 min Scan# 368

Delta R.T. -0.01 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

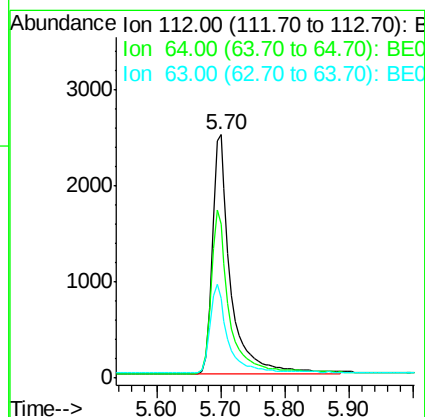
Tgt Ion: 112 Resp: 5070

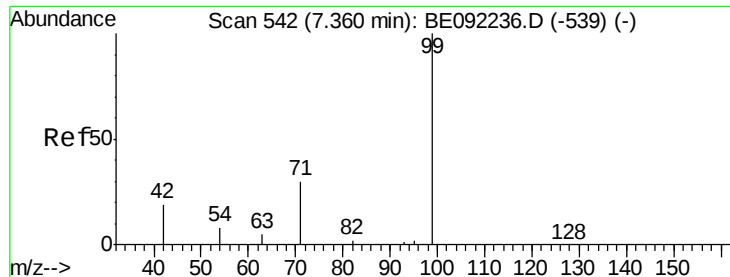
Ion Ratio Lower Upper

112 100

64 66.9 53.2 79.8

63 36.4 27.4 41.2





#5

Phenol-d6

Concen: 1.60 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

Instrument :

BNA_E

ClientSampleId :

FB-080416

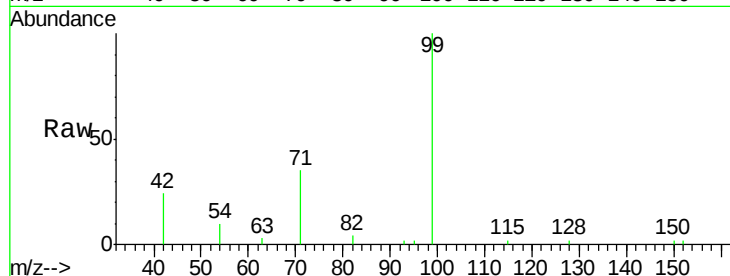
Tgt Ion: 99 Resp: 6757

Ion Ratio Lower Upper

99 100

42 25.3 0.0 0.0#

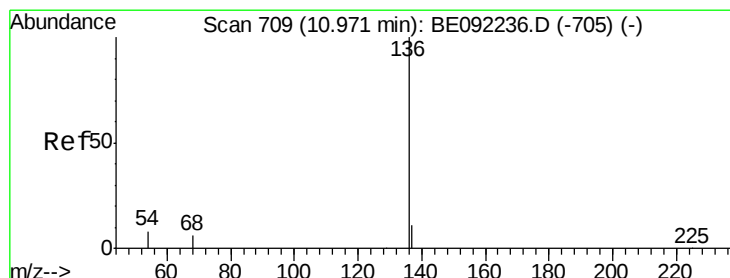
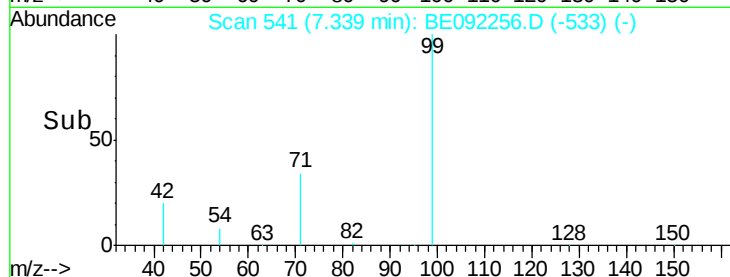
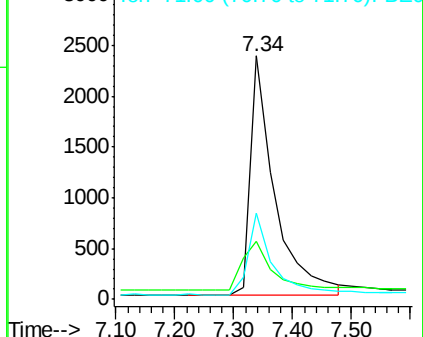
71 34.2 29.8 44.8



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: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

Tgt Ion: 136 Resp: 58819

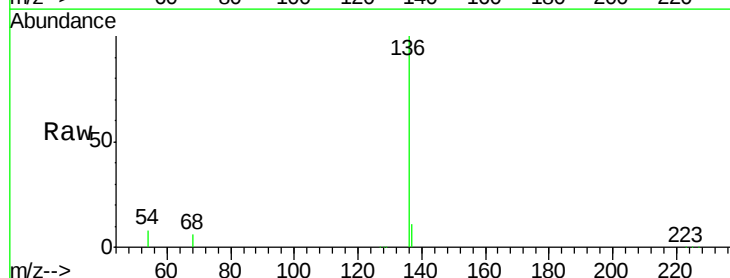
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.2 9.4

68 5.6 4.6 6.8

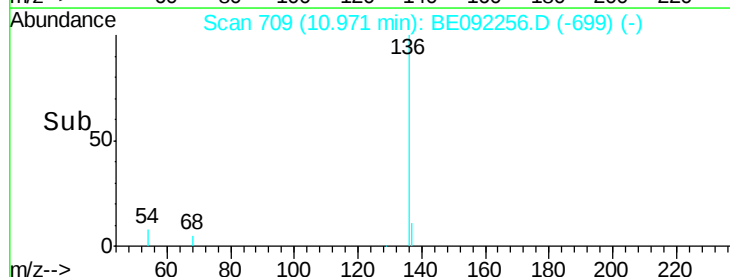
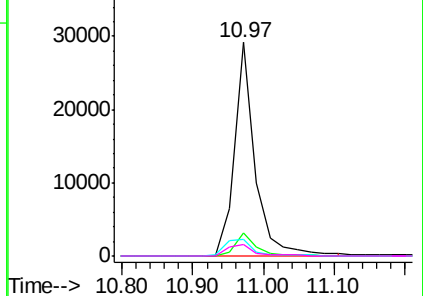


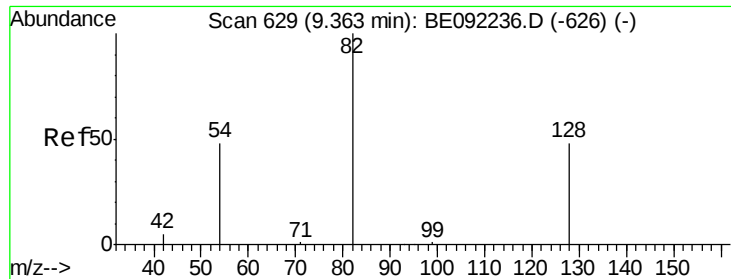
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.71 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

Instrument :

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ClientSampleId :

FB-080416

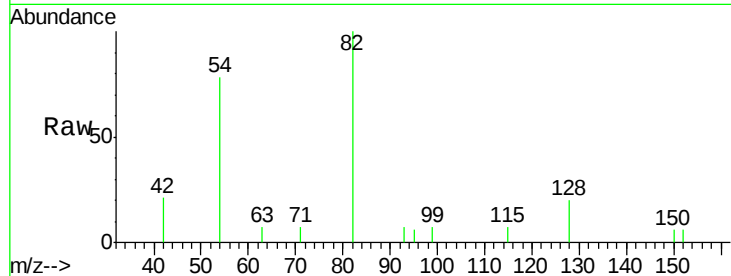
Tgt Ion: 82 Resp: 2960

Ion Ratio Lower Upper

82 100

128 20.3 45.0 67.4#

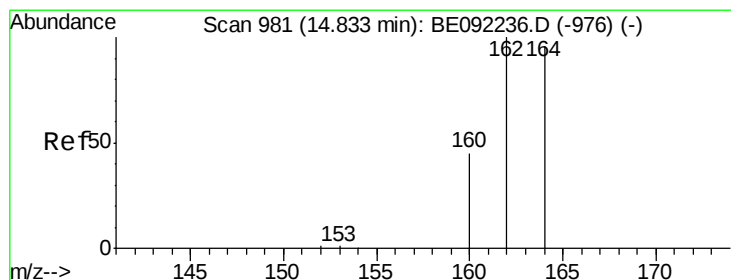
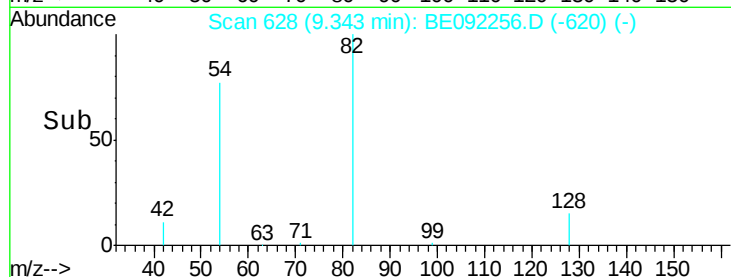
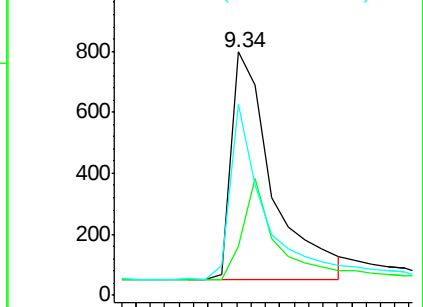
54 78.3 45.4 68.2#



Abundance Ion 82.00 (81.70 to 82.70): BE092236.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092236.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092236.D (-626) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

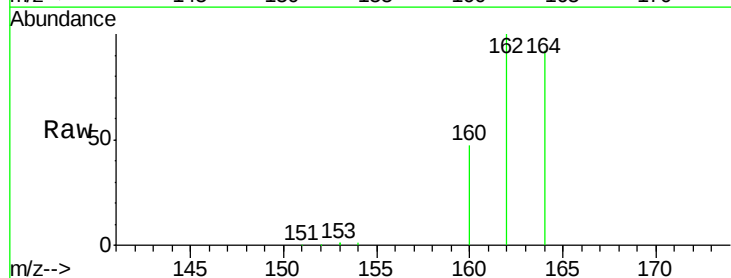
Tgt Ion: 164 Resp: 32713

Ion Ratio Lower Upper

164 100

162 108.8 83.3 124.9

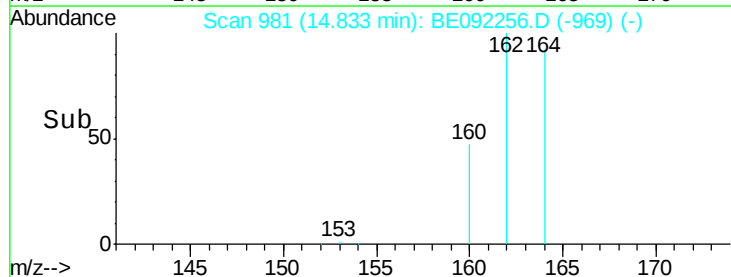
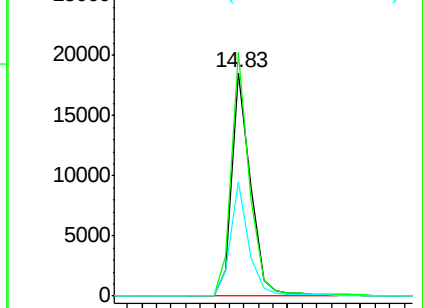
160 51.1 38.0 57.0

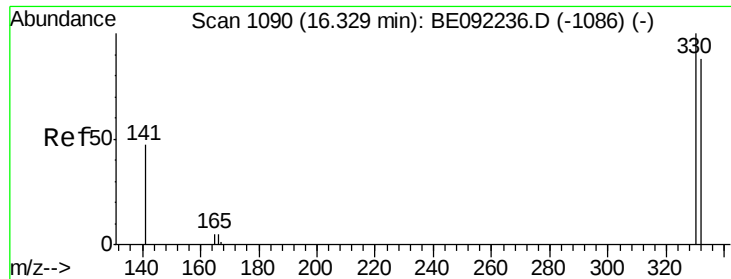


Abundance Ion 164.00 (163.70 to 164.70): BE092236.D (-976) (-)

Ion 162.00 (161.70 to 162.70): BE092236.D (-976) (-)

Ion 160.00 (159.70 to 160.70): BE092236.D (-976) (-)

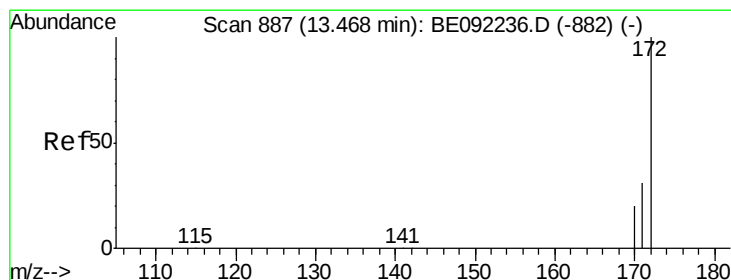
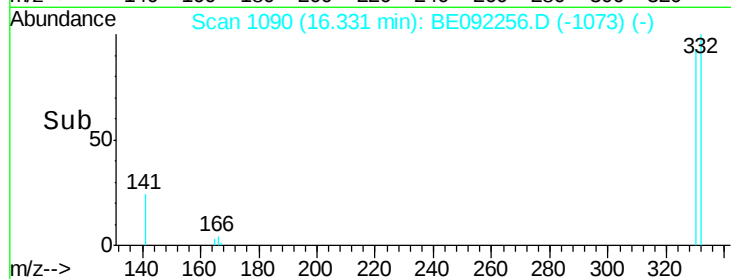
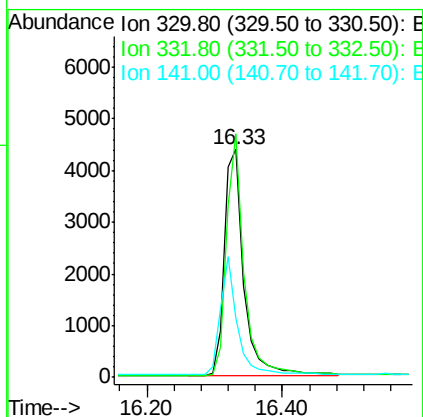
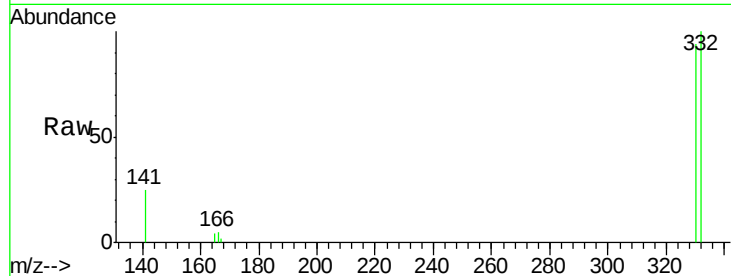




#13
 2,4,6-Tribromophenol
 Concen: 6.96 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092256.D
 Acq: 10 Aug 2016 15:56

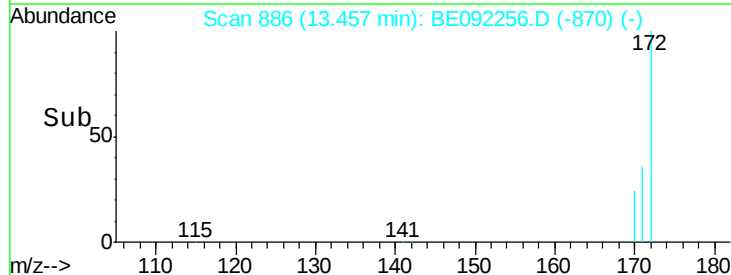
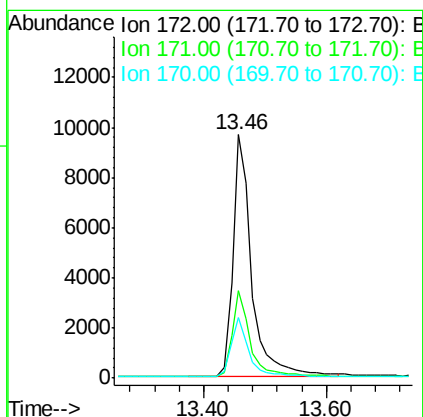
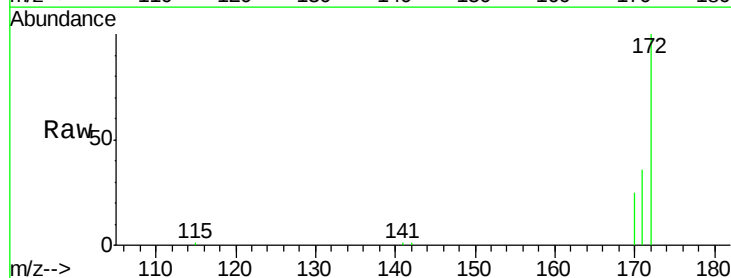
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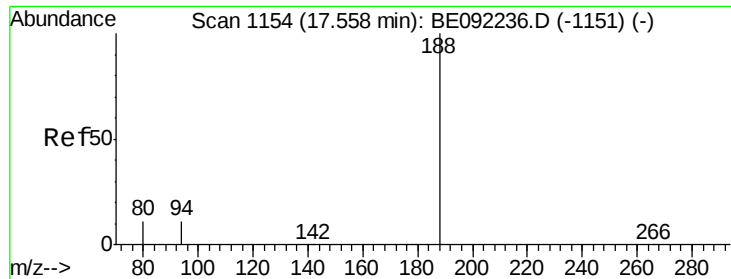
Tgt Ion: 330 Resp: 8853
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 45.3 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 2.05 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092256.D
 Acq: 10 Aug 2016 15:56

Tgt Ion: 172 Resp: 20700
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.8 40.2
 170 24.7 17.8 26.6

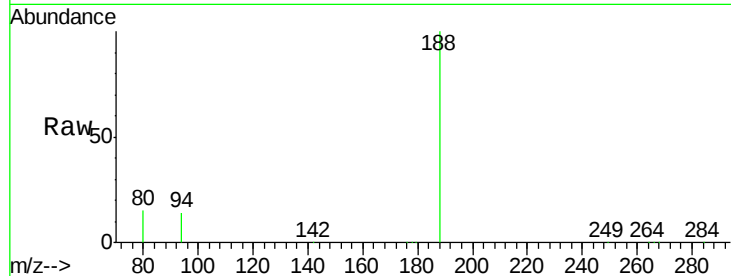




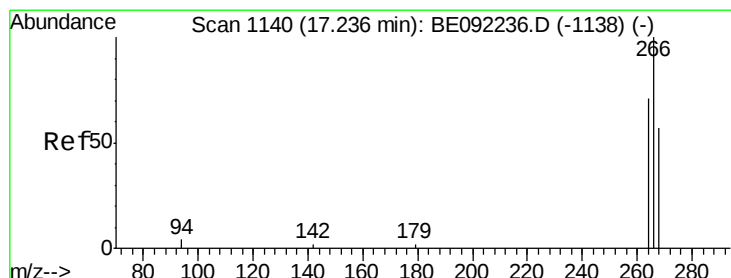
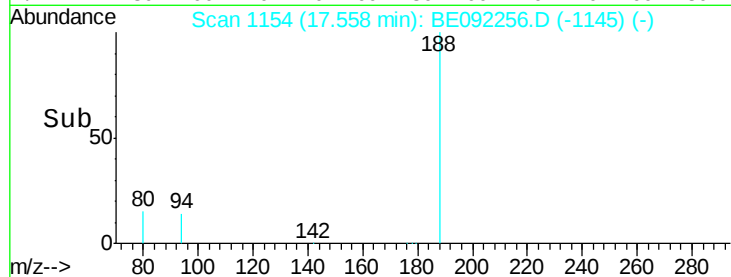
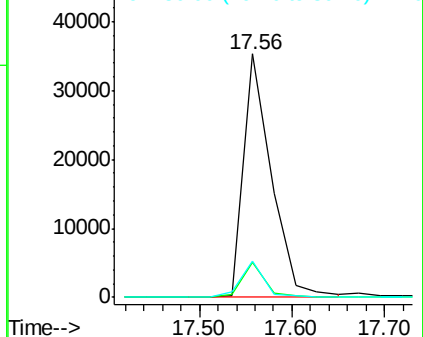
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092256.D
Acq: 10 Aug 2016 15:56

Instrument :
BNA_E
ClientSampleId :
FB-080416

Tgt Ion:188 Resp: 73755
Ion Ratio Lower Upper
188 100
94 14.2 9.2 13.8#
80 14.7 9.1 13.7#

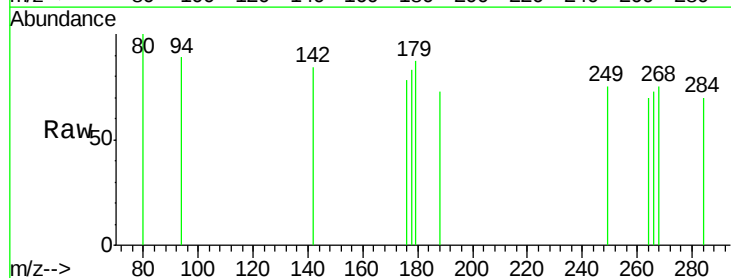


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

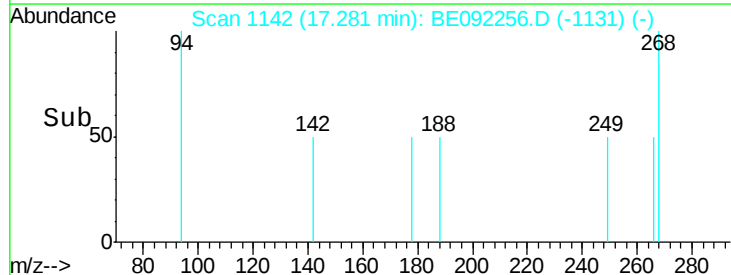
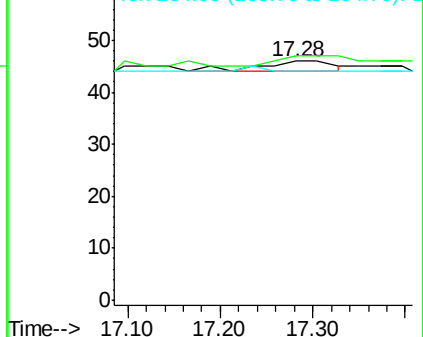


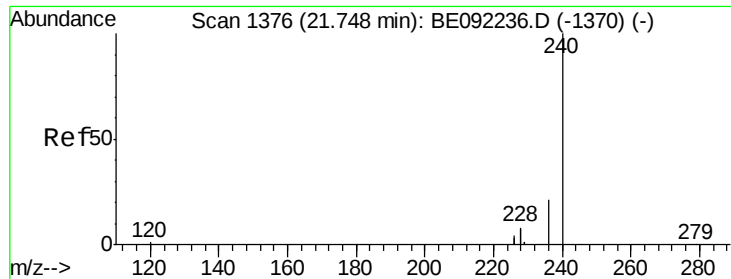
#20
Pentachlorophenol
Concen: 0.17 ng
RT: 17.28 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BE092256.D
Acq: 10 Aug 2016 15:56

Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
268 102.2 62.3 93.5#
264 95.7 67.4 101.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

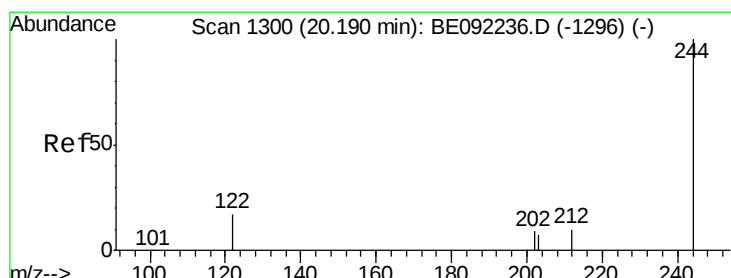
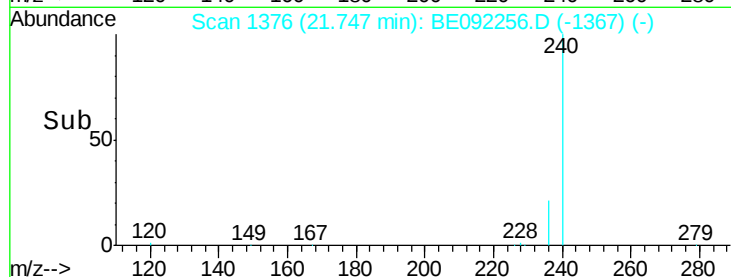
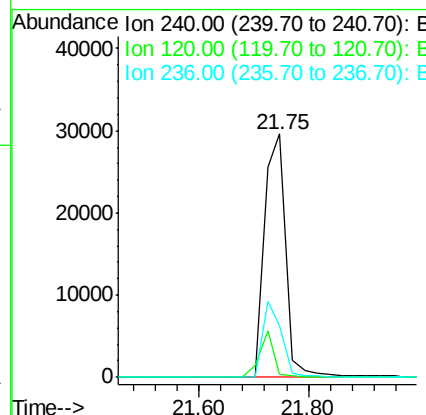
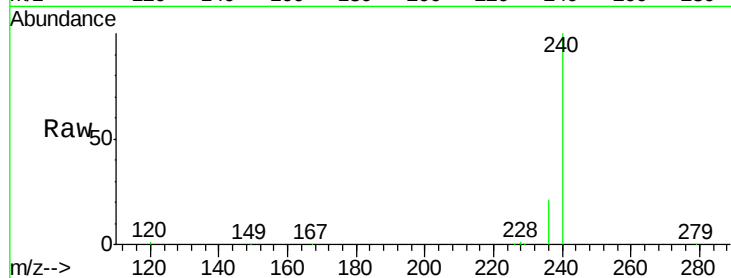




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE092256.D
Acq: 10 Aug 2016 15:56

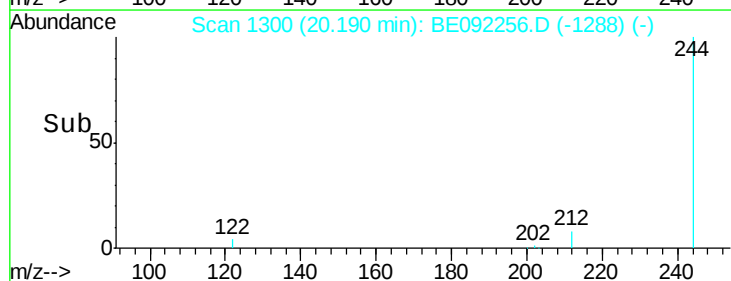
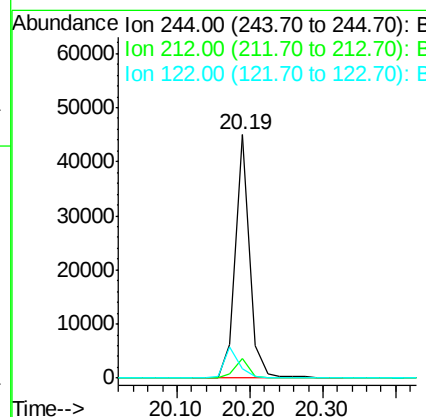
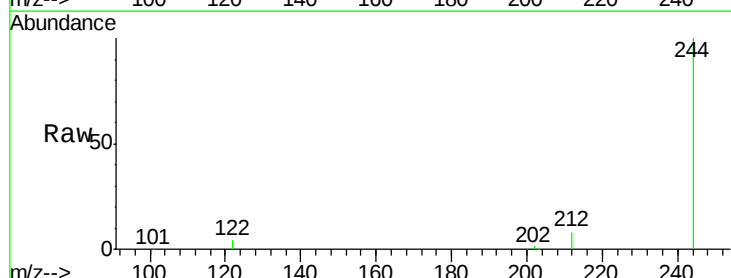
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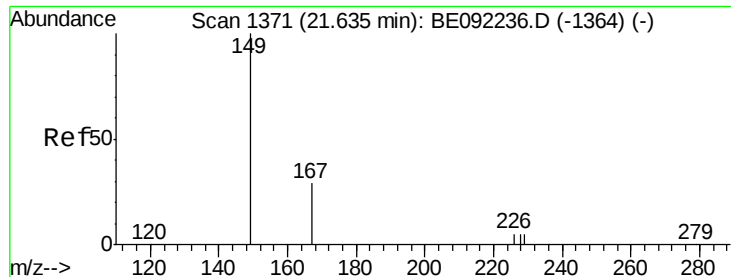
Tgt Ion:240 Resp: 79999
Ion Ratio Lower Upper
240 100
120 1.4 1.2 1.8
236 21.2 17.1 25.7



#26
Terphenyl-d14
Concen: 4.46 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092256.D
Acq: 10 Aug 2016 15:56

Tgt Ion:244 Resp: 60327
Ion Ratio Lower Upper
244 100
212 8.2 10.2 15.2#
122 3.8 15.9 23.9#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.63 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

Instrument :

BNA_E

ClientSampleId :

FB-080416

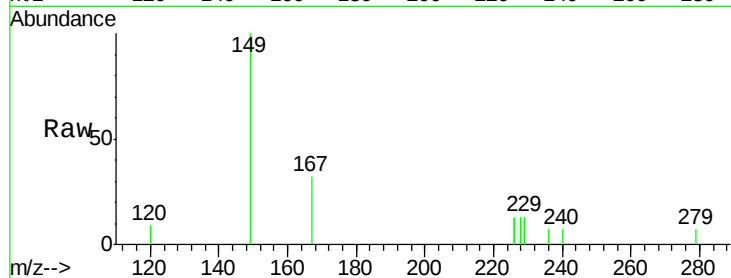
Tgt Ion:149 Resp: 1088

Ion Ratio Lower Upper

149 100

167 24.0 22.1 33.1

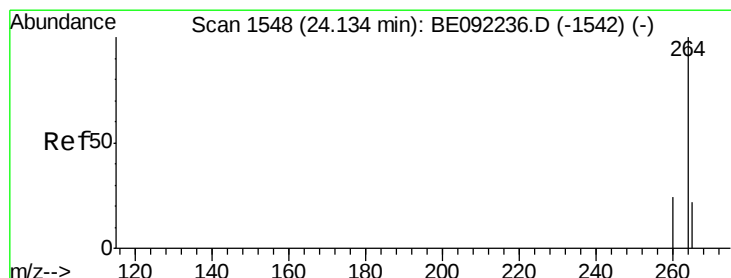
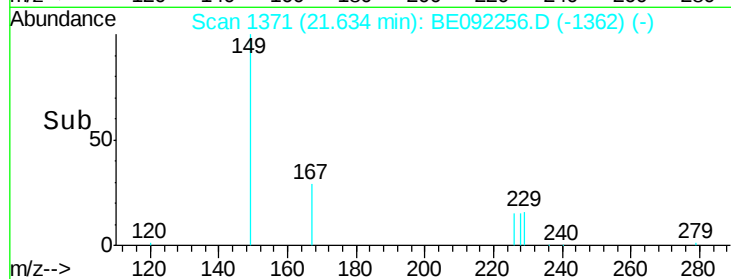
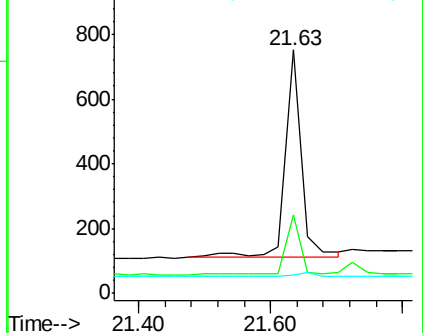
279 0.0 0.0 0.0



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.13 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BE092256.D

Acq: 10 Aug 2016 15:56

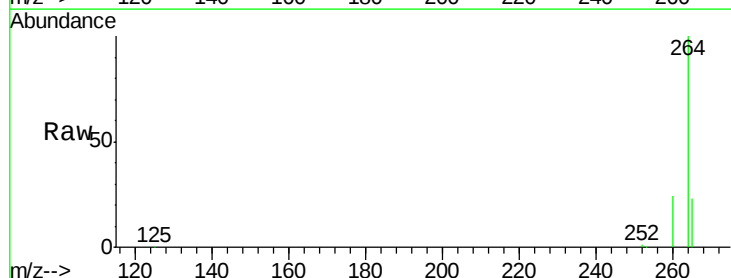
Tgt Ion:264 Resp: 88343

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.5 18.2 27.4



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

