

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081016\
 Data File : BE092259.D
 Acq On : 10 Aug 2016 17:46
 Operator : UM/SJ
 Sample : PB92482BL
 Misc : confirmation run
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92482BL

Quant Time: Aug 11 01:05:04 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

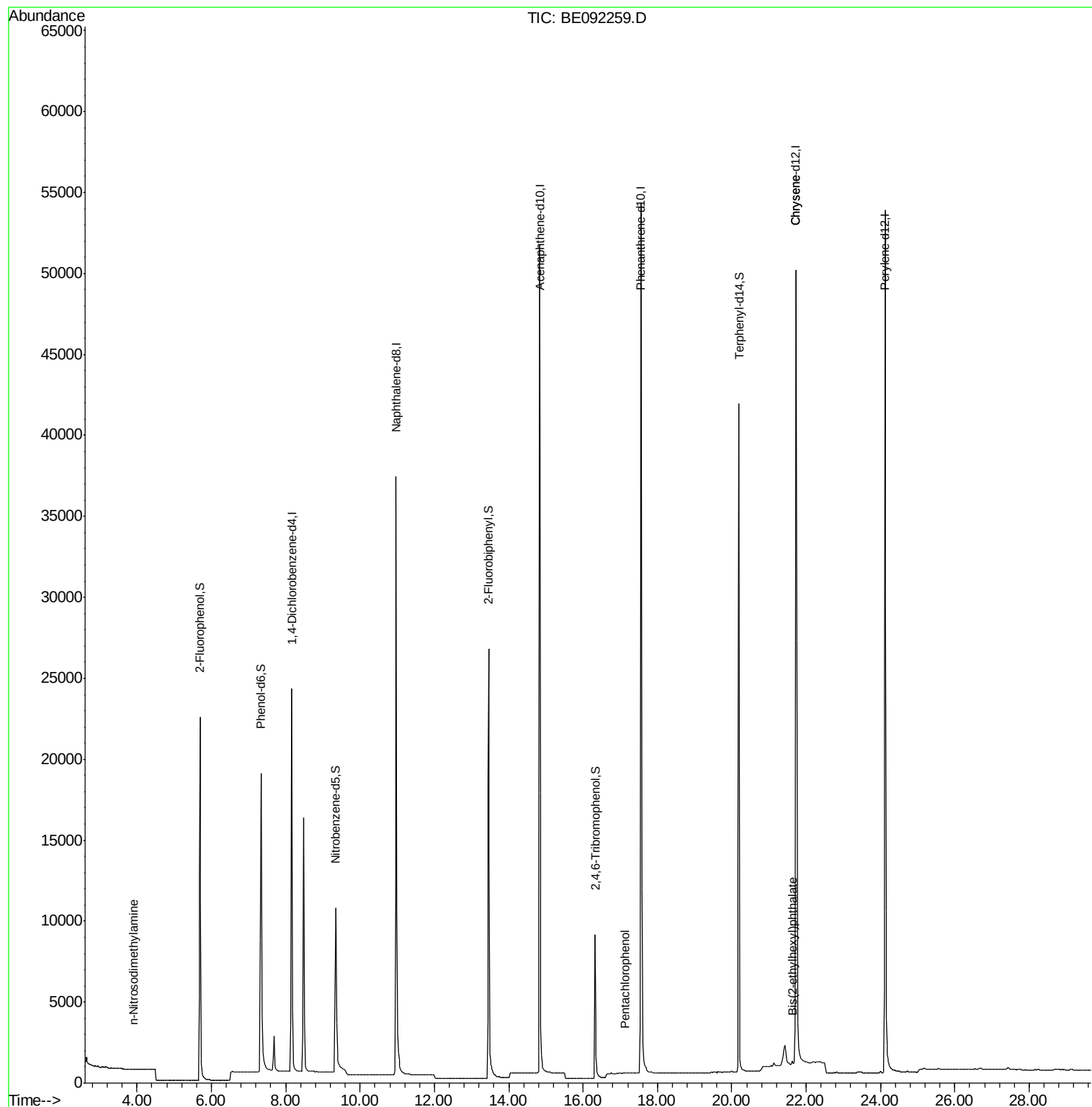
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12766	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	58554	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	33959	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	82419	5.00	ng	0.00
24) Chrysene-d12	21.73	240	76841	5.00	ng	-0.02
31) Perylene-d12	24.13	264	85642	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	19104	6.84	ng	-0.01
5) Phenol-d6	7.34	99	26635	6.63	ng	-0.02
8) Nitrobenzene-d5	9.34	82	13767	3.33	ng	-0.02
13) 2,4,6-Tribromophenol	16.33	330	7322	5.60	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	33557	3.20	ng	-0.01
26) Terphenyl-d14	20.19	244	50600	3.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.53	88	12	Below Cal	#	36
3) n-Nitrosodimethylamine	3.90	42	4	0.16 ng	#	30
20) Pentachlorophenol	17.12	266	1	0.16 ng	#	79
28) Chrysene	21.73	228	1793	0.02 ng	#	71
29) Bis(2-ethylhexyl)phthalate	21.64	149	262	0.25 ng	#	93

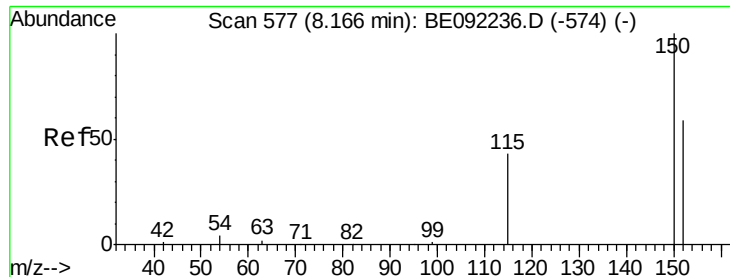
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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PB92482BL

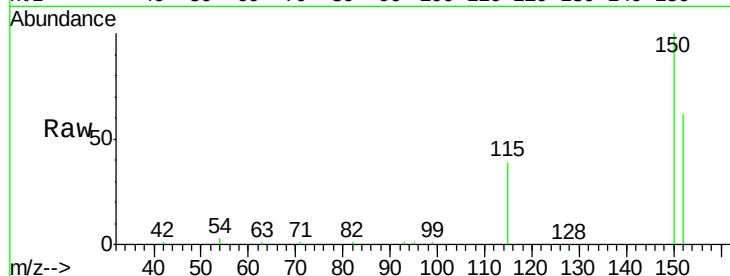
Tgt Ion:152 Resp: 12766

Ion Ratio Lower Upper

152 100

150 160.8 135.6 203.4

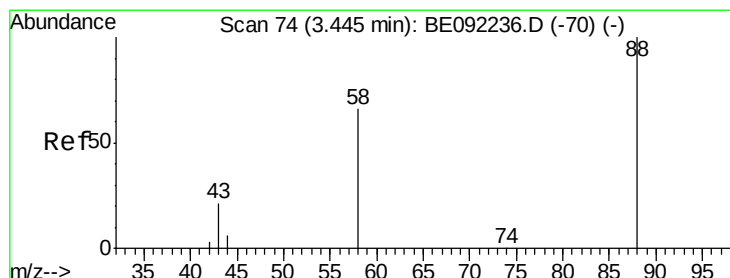
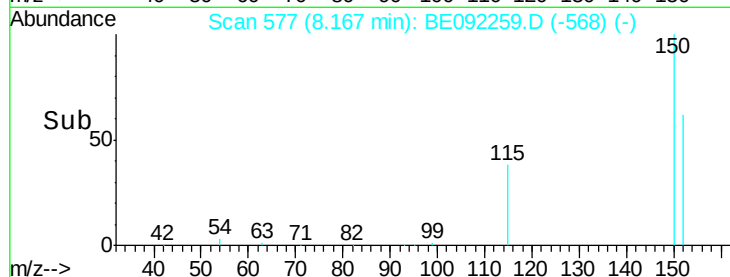
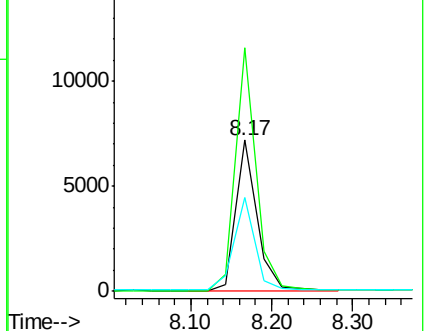
115 62.0 59.4 89.0



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: 3.53 min Scan# 81

Delta R.T. 0.08 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

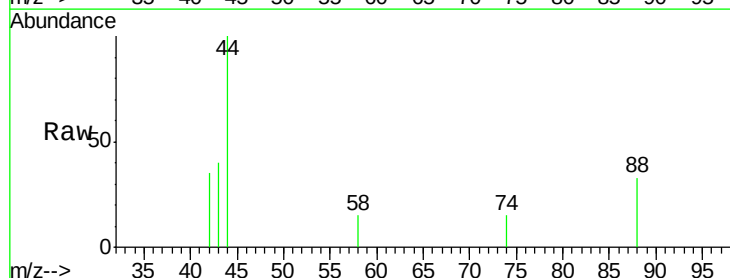
Tgt Ion: 88 Resp: 12

Ion Ratio Lower Upper

88 100

58 25.0 64.4 96.6#

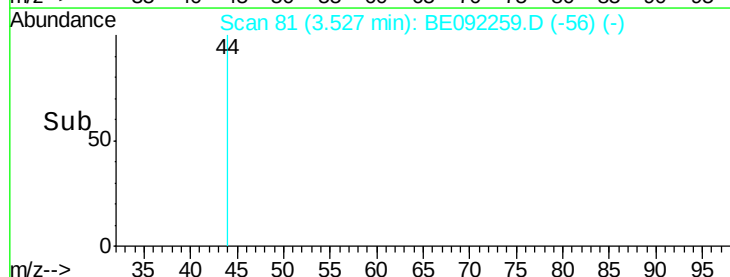
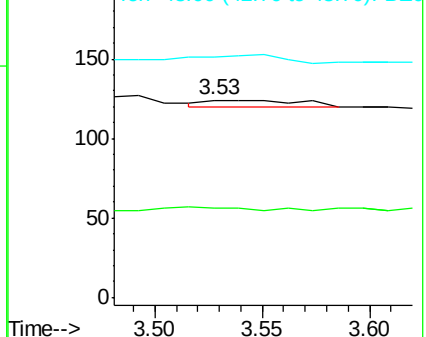
43 0.0 33.4 50.2#

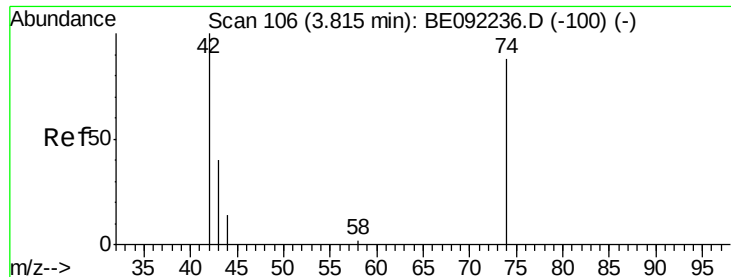


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: 3.90 min Scan# 113

Delta R.T. 0.08 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

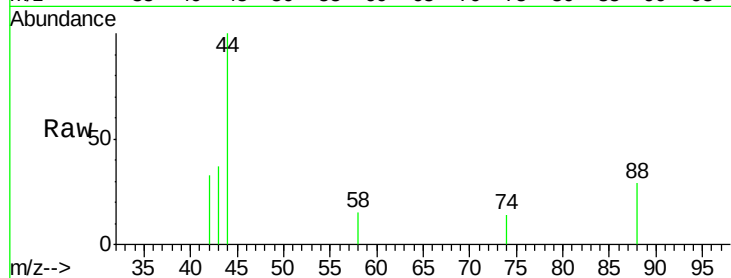
Instrument :

BNA_E

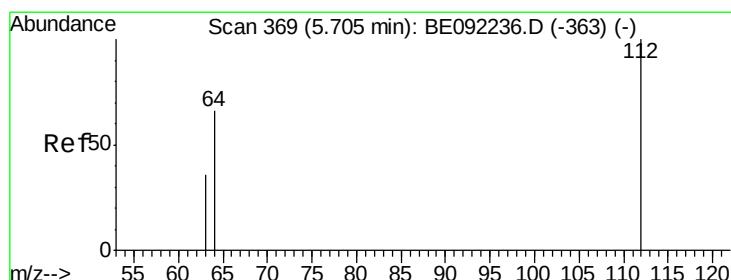
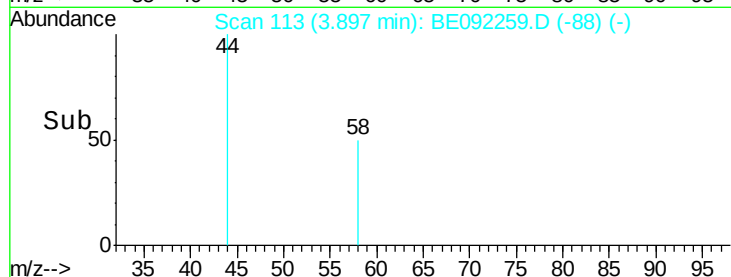
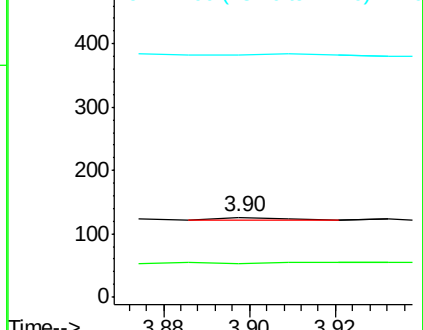
ClientSampleId :

PB92482BL

Tgt Ion:	42	Resp:	4
Ion	Ratio	Lower	Upper
42	100		
74	25.0	77.2	115.8#
44	0.0	5.0	7.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 6.84 ng

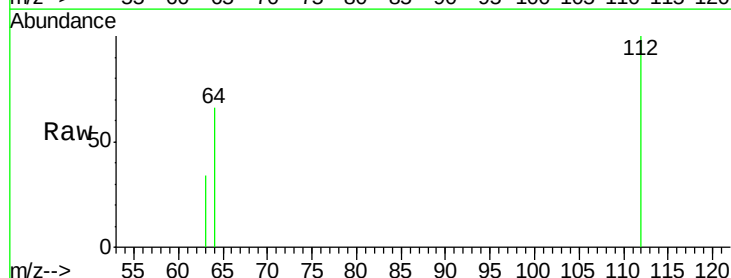
RT: 5.69 min Scan# 367

Delta R.T. -0.01 min

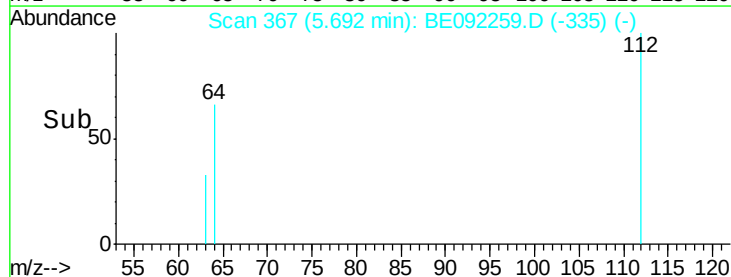
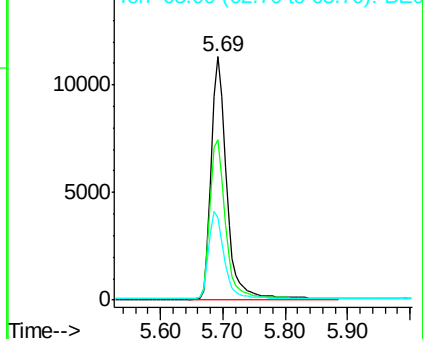
Lab File: BE092259.D

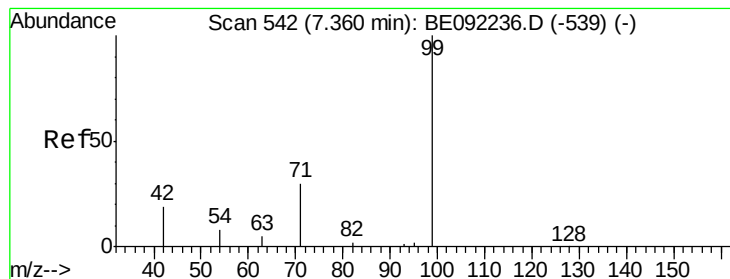
Acq: 10 Aug 2016 17:46

Tgt Ion:	112	Resp:	19104
Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.2	79.8
63	36.5	27.4	41.2



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: 6.63 ng

RT: 7.34 min Scan# 541

Delta R.T. -0.02 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB92482BL

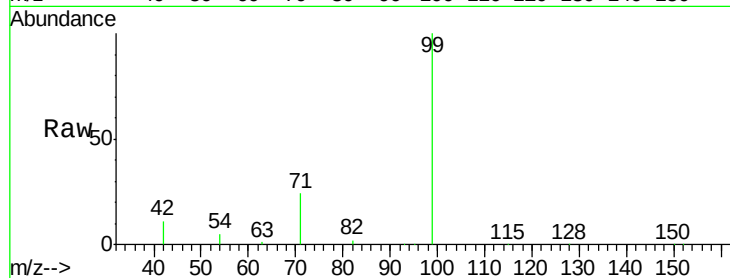
Tgt Ion: 99 Resp: 26635

Ion Ratio Lower Upper

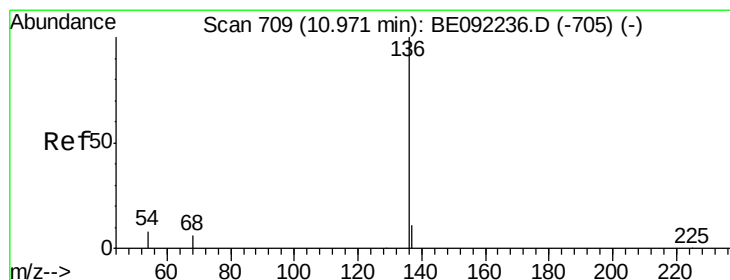
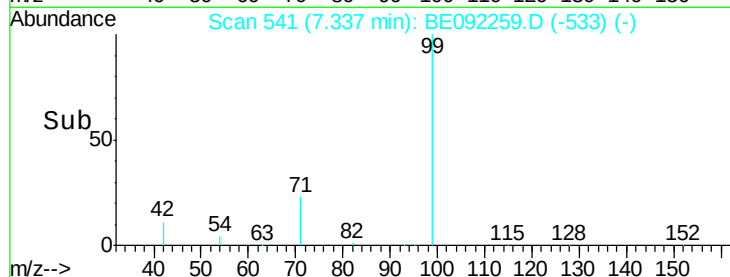
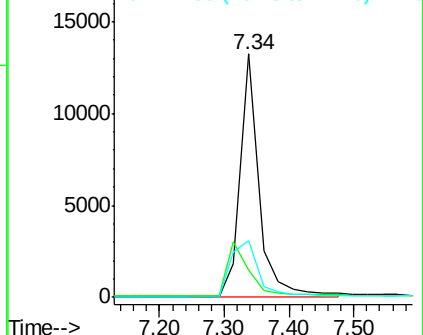
99 100

42 0.0 0.0 0.0

71 34.1 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: BE092259.D

Acq: 10 Aug 2016 17:46

Tgt Ion: 136 Resp: 58554

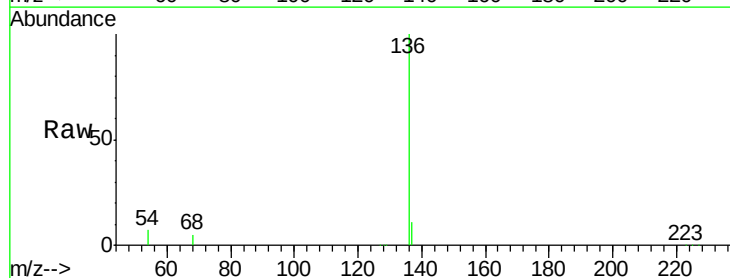
Ion Ratio Lower Upper

136 100

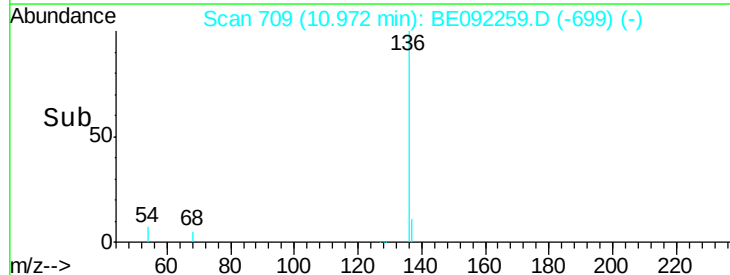
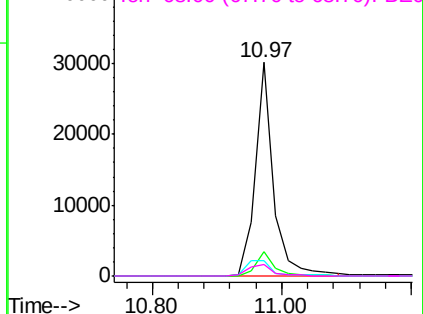
137 11.2 8.8 13.2

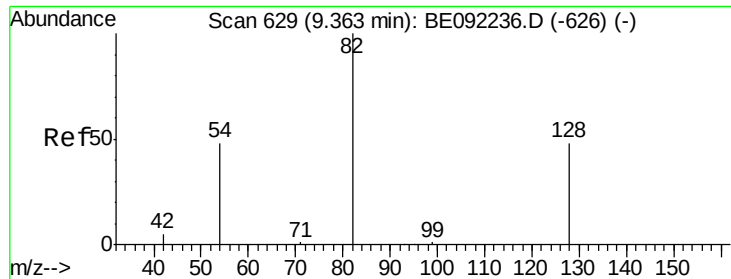
54 6.9 6.2 9.4

68 5.2 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: 3.33 ng

RT: 9.34 min Scan# 628

Delta R.T. -0.02 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

Instrument :

BNA_E

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PB92482BL

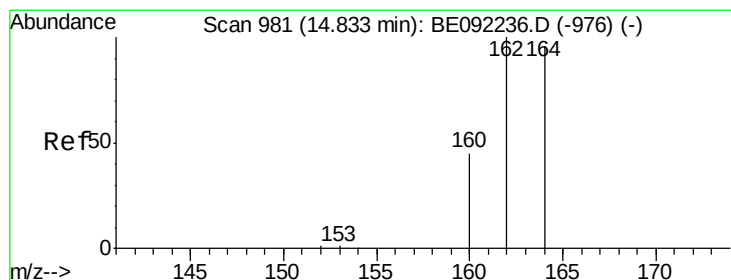
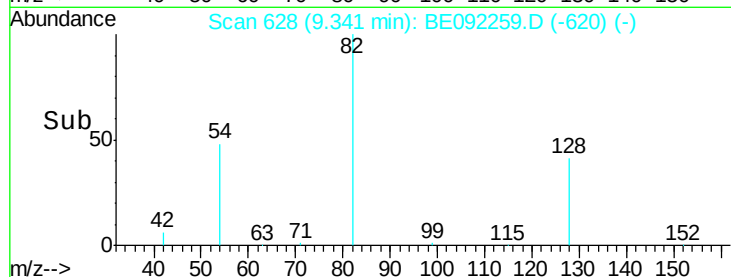
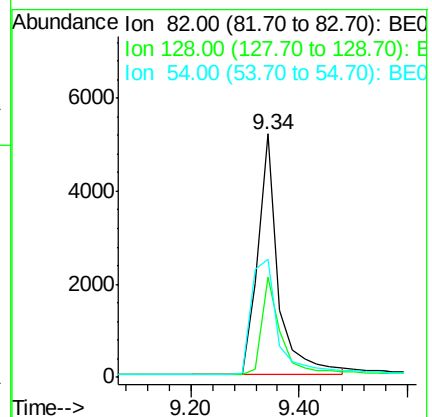
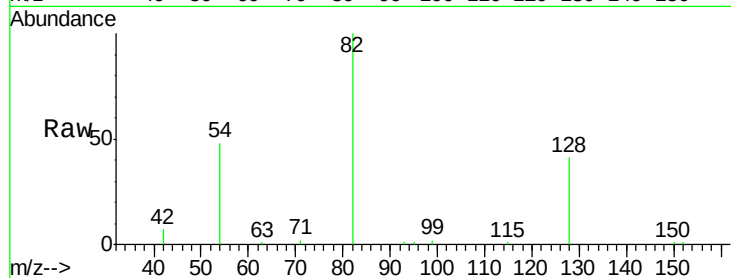
Tgt Ion: 82 Resp: 13767

Ion Ratio Lower Upper

82 100

128 41.2 45.0 67.4#

54 48.3 45.4 68.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

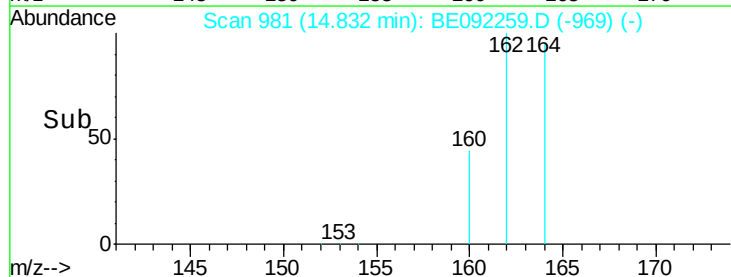
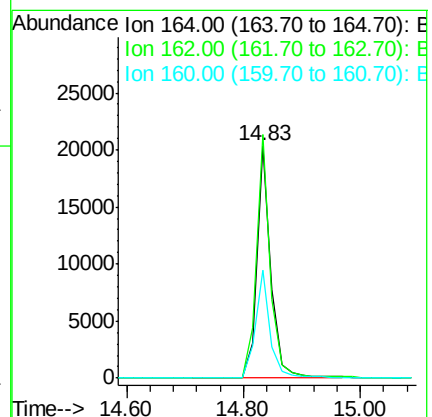
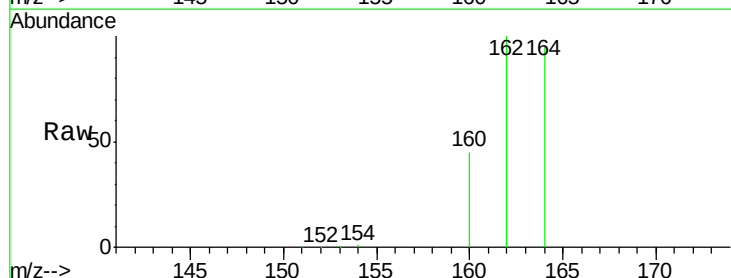
Tgt Ion: 164 Resp: 33959

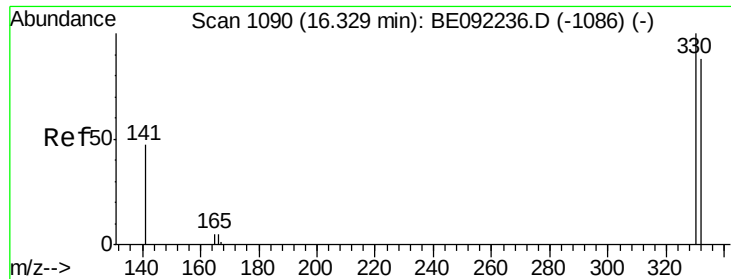
Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

160 46.8 38.0 57.0

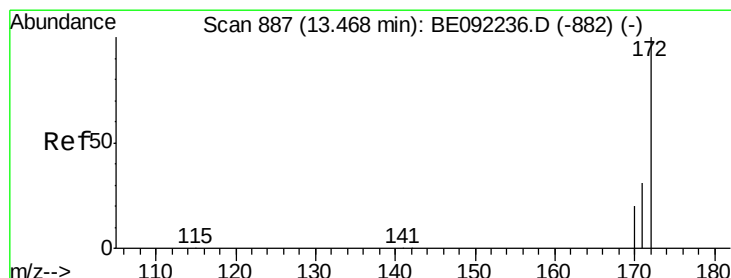
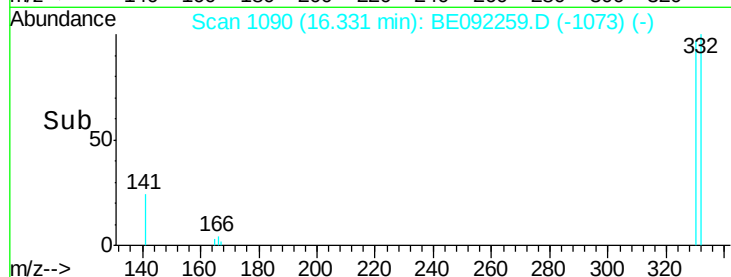
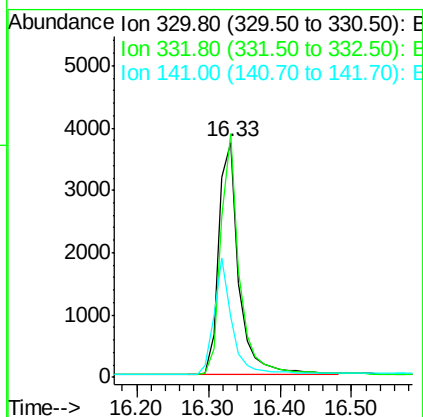
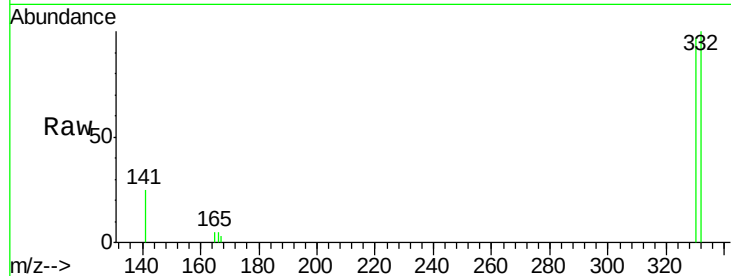




#13
 2,4,6-Tribromophenol
 Concen: 5.60 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092259.D
 Acq: 10 Aug 2016 17:46

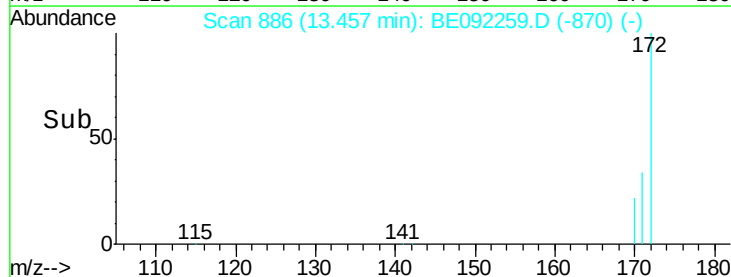
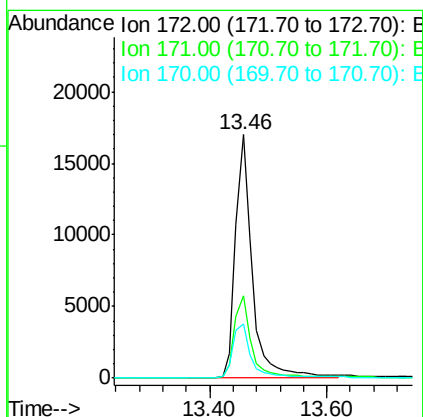
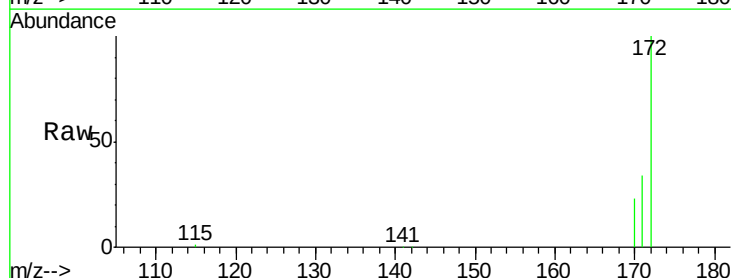
Instrument :
 BNA_E
 ClientSampleId :
 PB92482BL

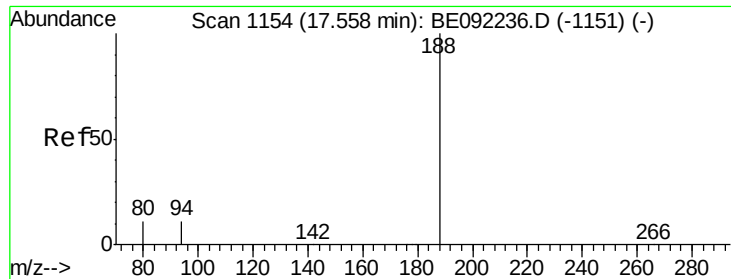
Tgt Ion: 330 Resp: 7322
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.0
 141 44.5 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 3.20 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092259.D
 Acq: 10 Aug 2016 17:46

Tgt Ion: 172 Resp: 33557
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.8 40.2
 170 22.5 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: BE092259.D

Acq: 10 Aug 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB92482BL

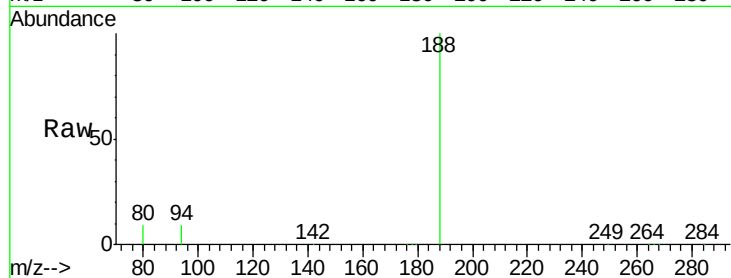
Tgt Ion:188 Resp: 82419

Ion Ratio Lower Upper

188 100

94 9.5 9.2 13.8

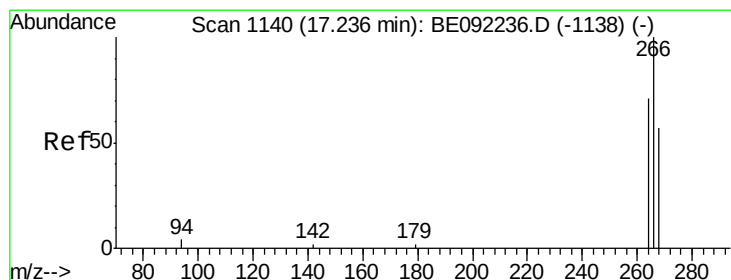
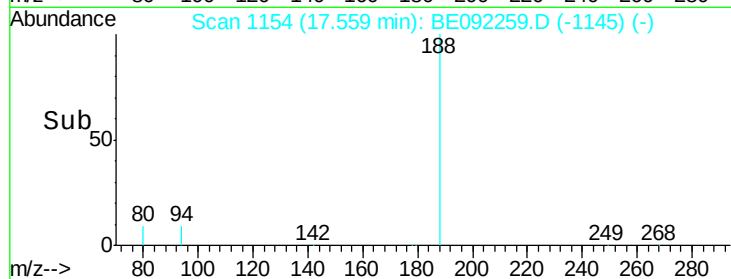
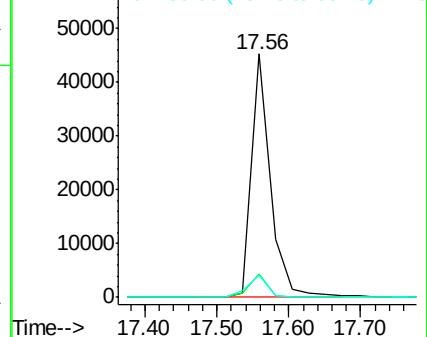
80 9.2 9.1 13.7



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: 0.16 ng

RT: 17.12 min Scan# 1135

Delta R.T. -0.11 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

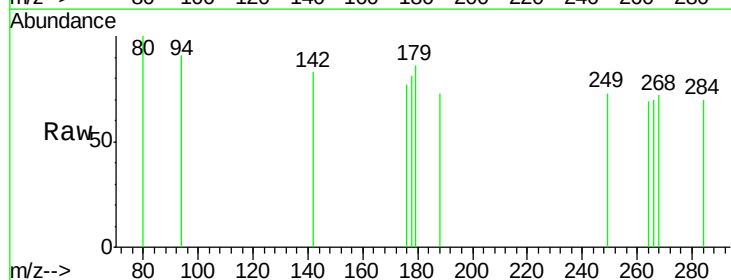
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 102.2 62.3 93.5#

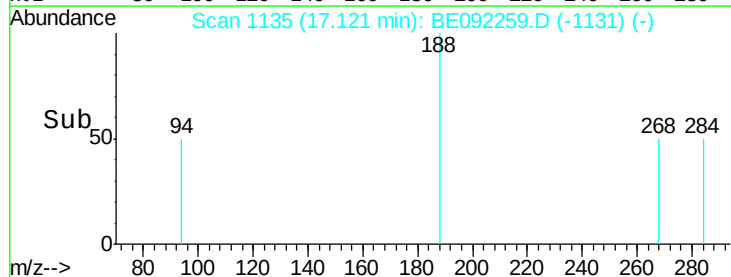
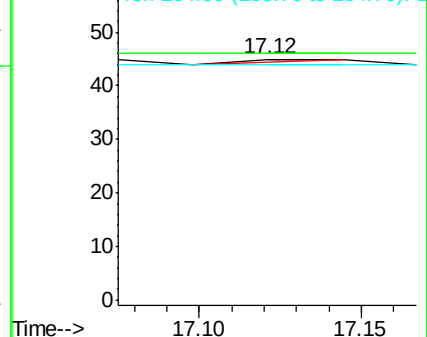
264 97.8 67.4 101.0

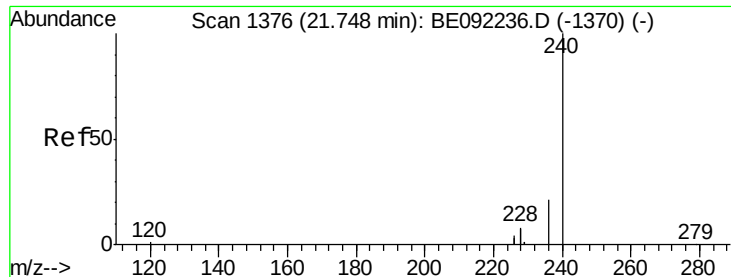


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

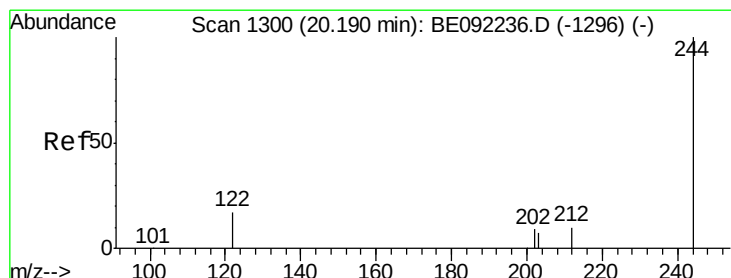
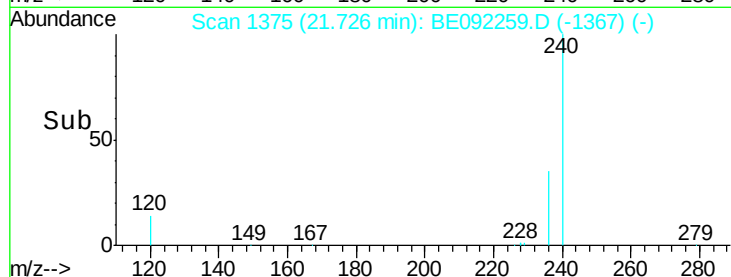
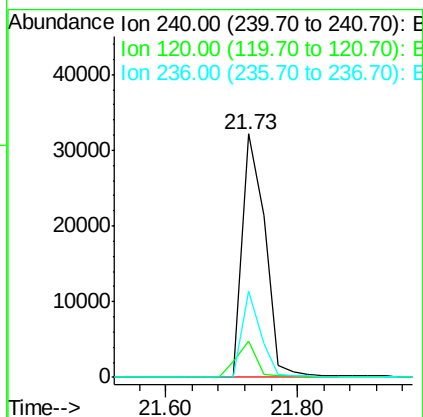
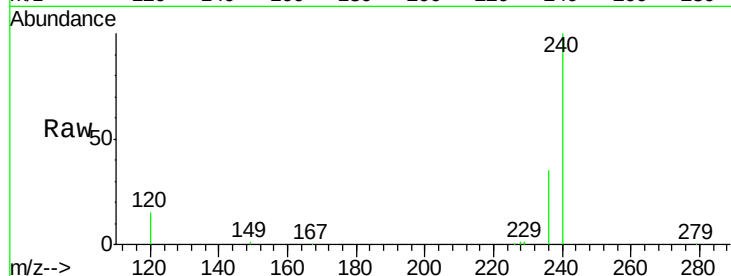




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.73 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BE092259.D
 Acq: 10 Aug 2016 17:46

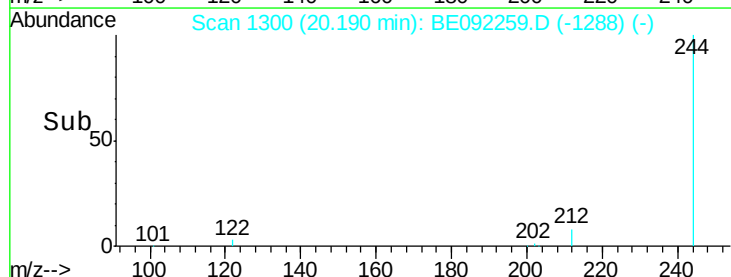
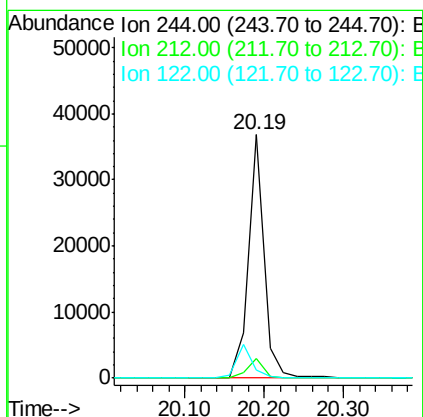
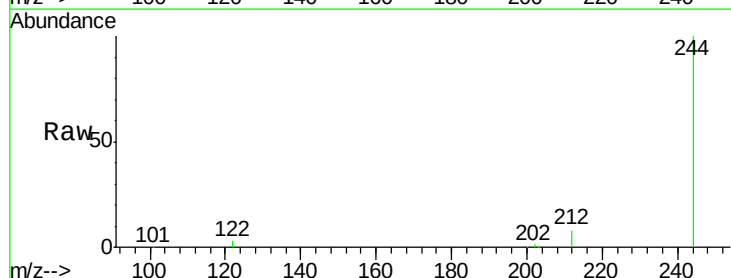
Instrument :
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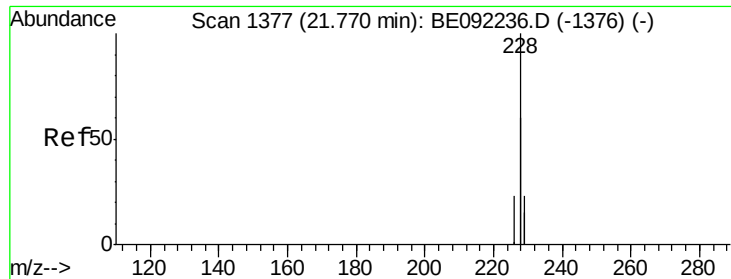
Tgt Ion:240 Resp: 76841
 Ion Ratio Lower Upper
 240 100
 120 14.7 1.2 1.8#
 236 35.1 17.1 25.7#



#26
 Terphenyl-d14
 Concen: 3.90 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092259.D
 Acq: 10 Aug 2016 17:46

Tgt Ion:244 Resp: 50600
 Ion Ratio Lower Upper
 244 100
 212 7.9 10.2 15.2#
 122 3.5 15.9 23.9#





#28

Chrysene

Concen: 0.02 ng

RT: 21.73 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB92482BL

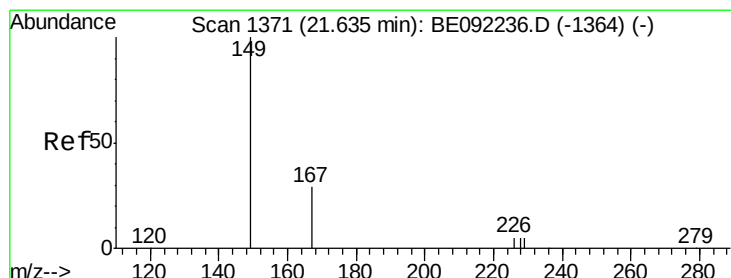
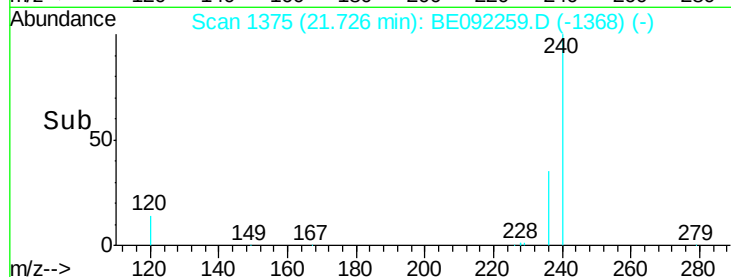
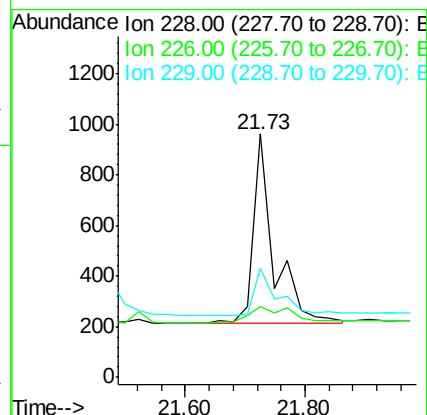
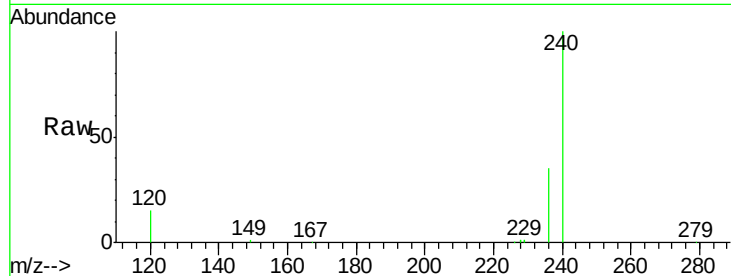
Tgt Ion:228 Resp: 1793

Ion Ratio Lower Upper

228 100

226 29.1 18.3 27.5#

229 44.7 18.6 27.8#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.64 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

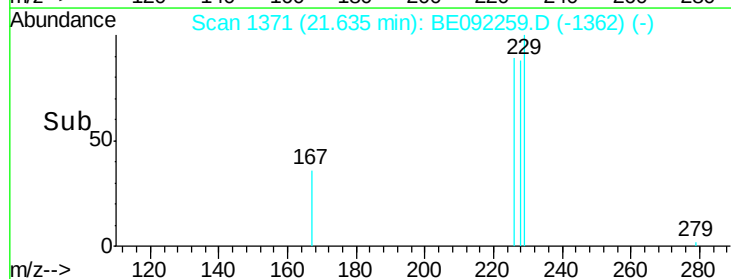
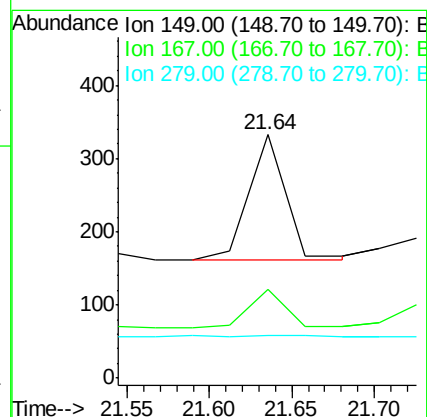
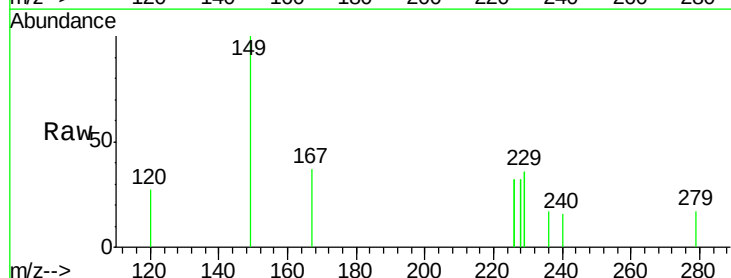
Tgt Ion:149 Resp: 262

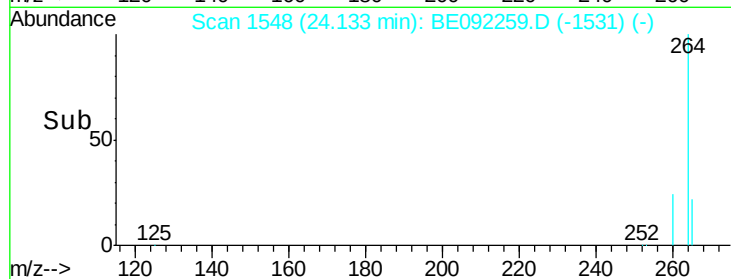
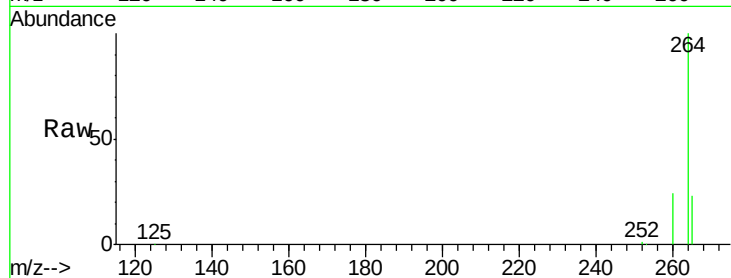
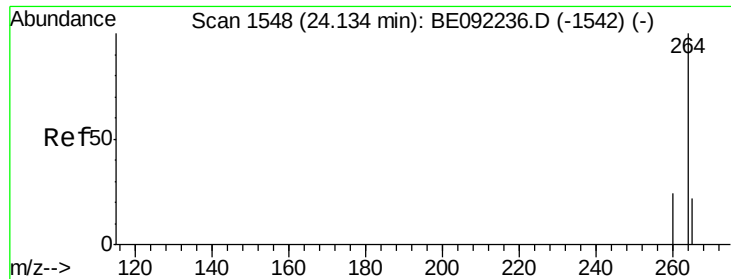
Ion Ratio Lower Upper

149 100

167 31.3 22.1 33.1

279 0.0 0.0 0.0





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.13 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BE092259.D

Acq: 10 Aug 2016 17:46

Instrument :

BNA_E

ClientSampleId :

PB92482BL

Tgt Ion:264 Resp: 85642

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.7 18.2 27.4

