

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
 Data File : BE092270.D
 Acq On : 19 Aug 2016 15:11
 Operator : UM/SJ
 Sample : PB92976BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB92976BL

Quant Time: Aug 22 00:53:58 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

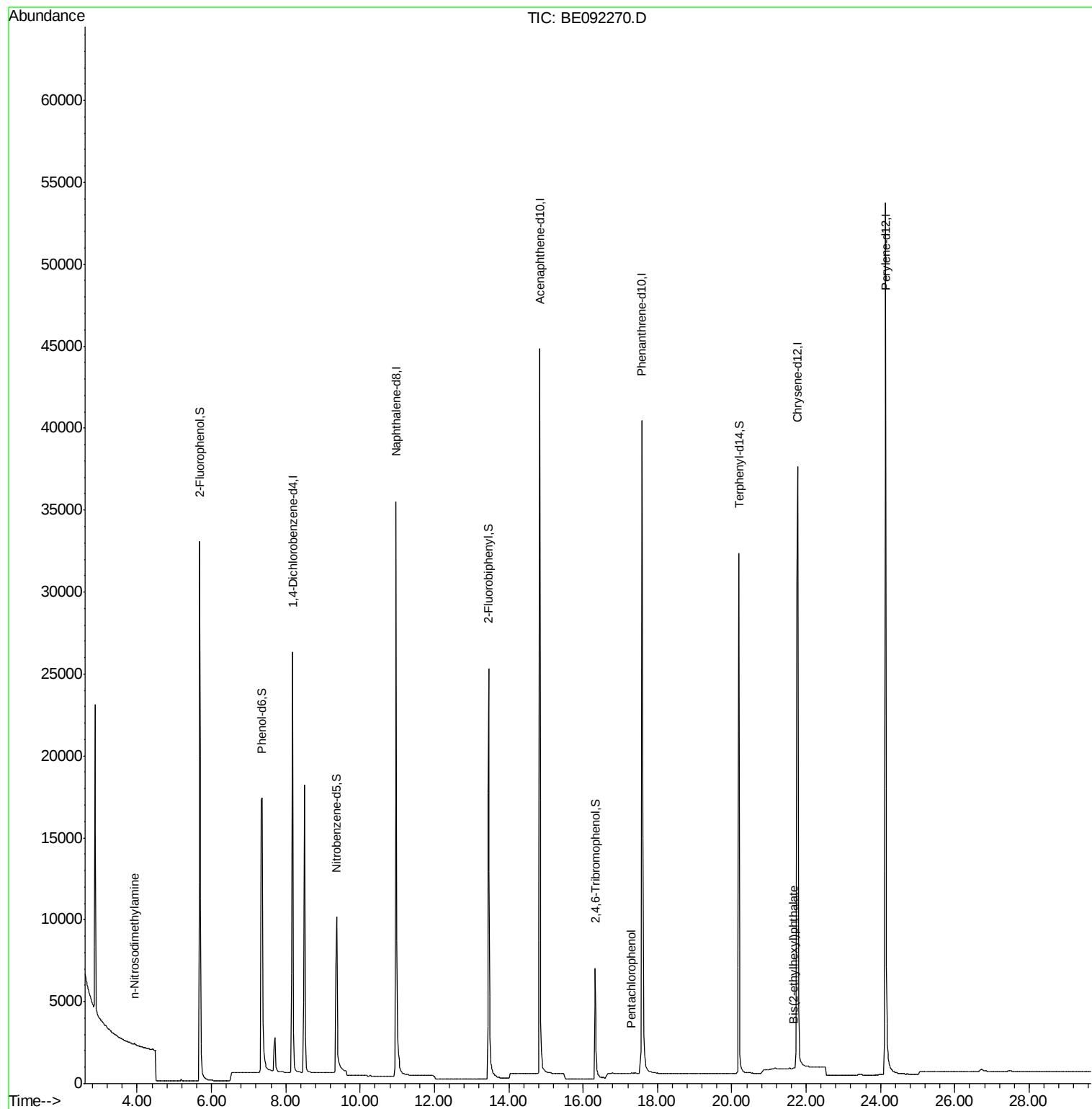
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	14489	5.00	ng	0.02
7) Naphthalene-d8	10.97	136	60093	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	30176	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	67591	5.00	ng	0.02
24) Chrysene-d12	21.77	240	69840	5.00	ng	0.02
31) Perylene-d12	24.13	264	84602	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	26949	8.50	ng	-0.02
5) Phenol-d6	7.36	99	31095	6.82	ng	0.00
8) Nitrobenzene-d5	9.36	82	14088	3.32	ng	0.00
13) 2,4,6-Tribromophenol	16.33	330	5706	4.94	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	32206	3.45	ng	-0.01
26) Terphenyl-d14	20.19	244	40208	3.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	14	Below Cal	#	18
3) n-Nitrosodimethylamine	3.93	42	43	0.17 ng	#	6
20) Pentachlorophenol	17.30	266	14	0.18 ng	#	81
29) Bis(2-ethylhexyl)phthalate	21.66	149	115	0.24 ng	#	79

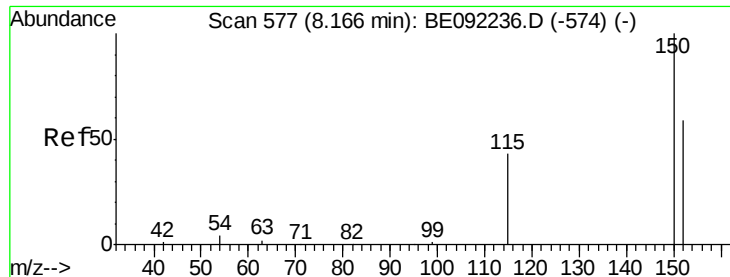
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. 0.02 min

Lab File: BE092270.D

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BNA_E

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PB92976BL

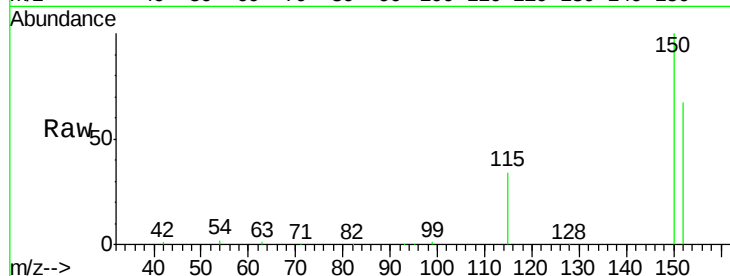
Tgt Ion:152 Resp: 14489

Ion Ratio Lower Upper

152 100

150 148.8 135.6 203.4

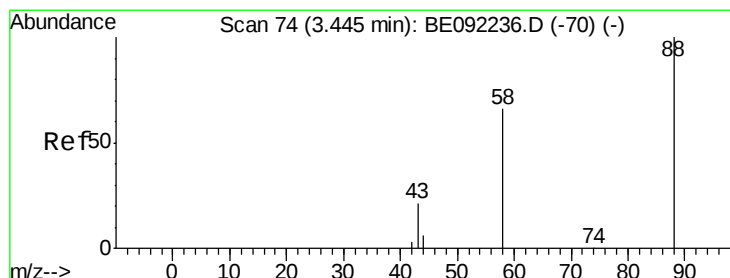
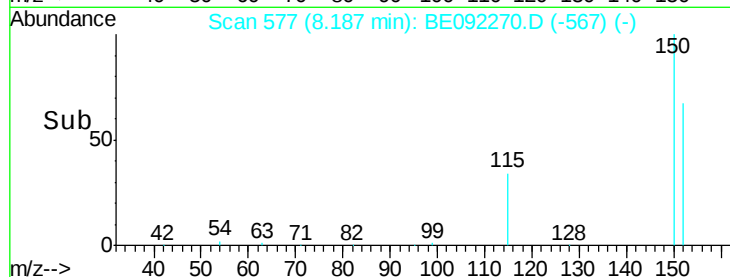
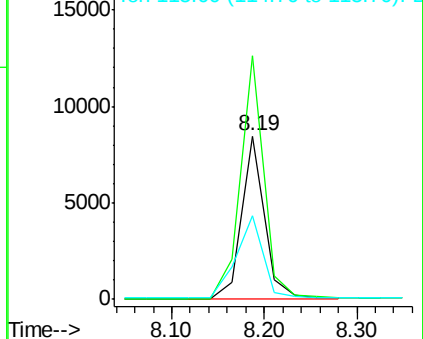
115 50.8 59.4 89.0#



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: 3.36 min Scan# 67

Delta R.T. -0.08 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

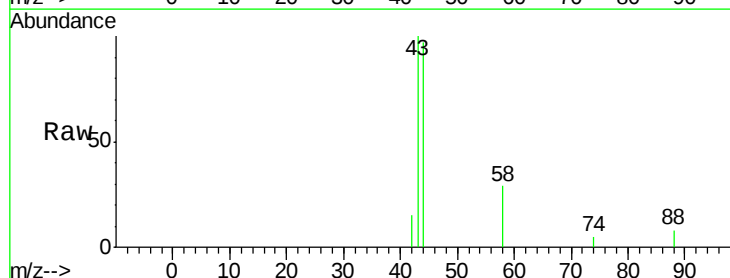
Tgt Ion: 88 Resp: 14

Ion Ratio Lower Upper

88 100

58 0.0 64.4 96.6#

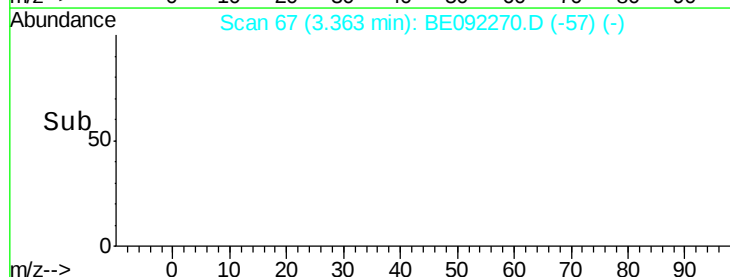
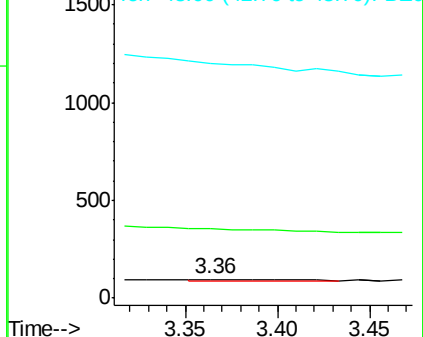
43 0.0 33.4 50.2#

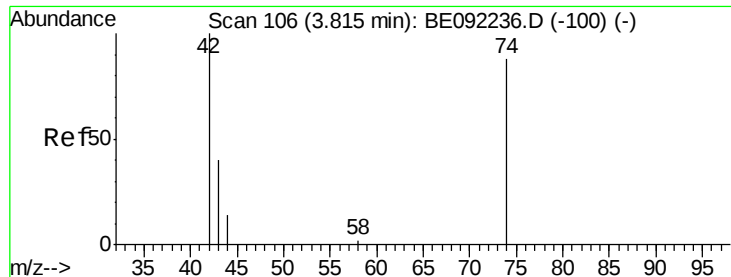


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.17 ng

RT: 3.93 min Scan# 116

Delta R.T. 0.12 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

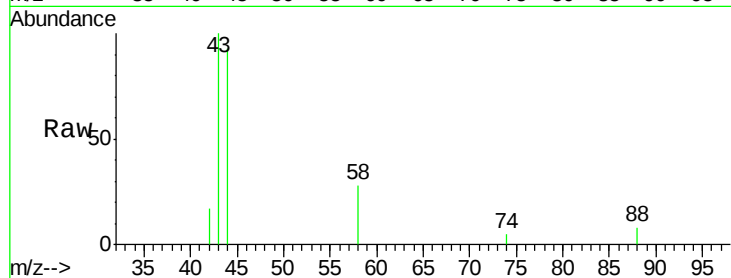
Instrument :

BNA_E

ClientSampleId :

PB92976BL

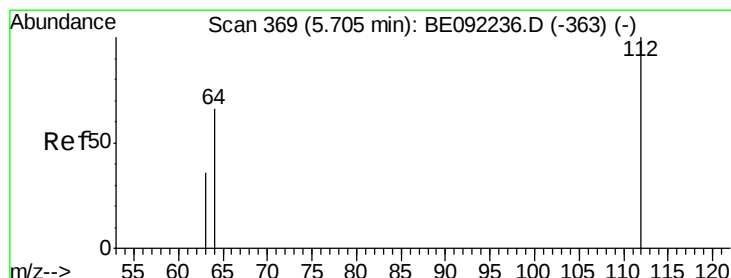
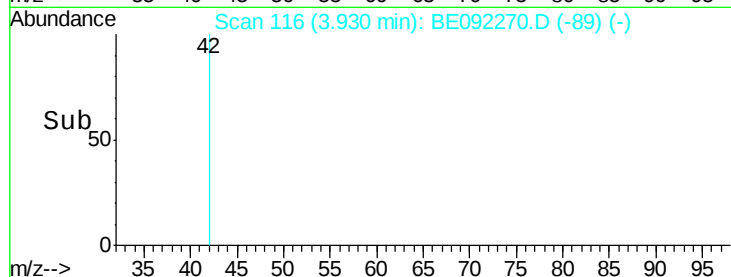
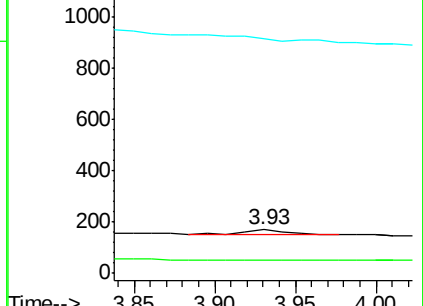
Tgt Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	0.0	77.2	115.8#
44	0.0	5.0	7.4#



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: 8.50 ng

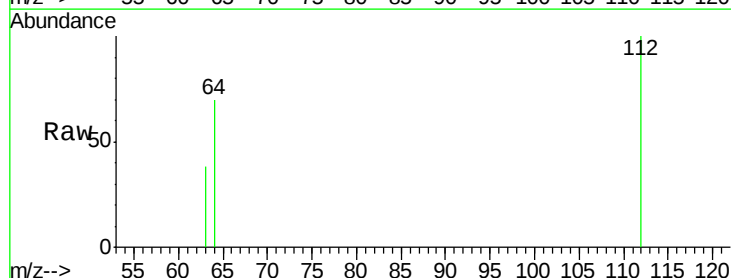
RT: 5.69 min Scan# 366

Delta R.T. -0.02 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

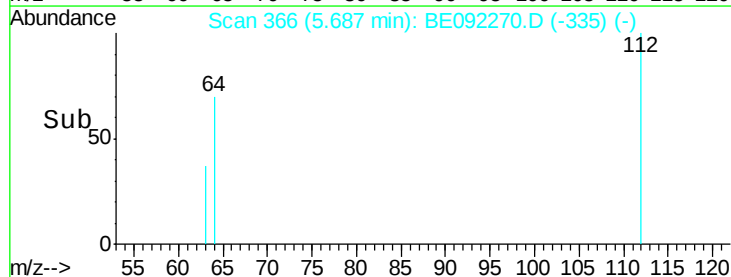
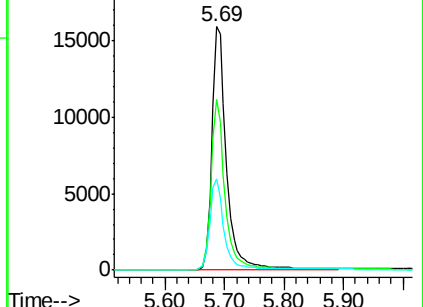
Tgt Ion:	112	Resp:	26949
Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.2	79.8
63	36.8	27.4	41.2

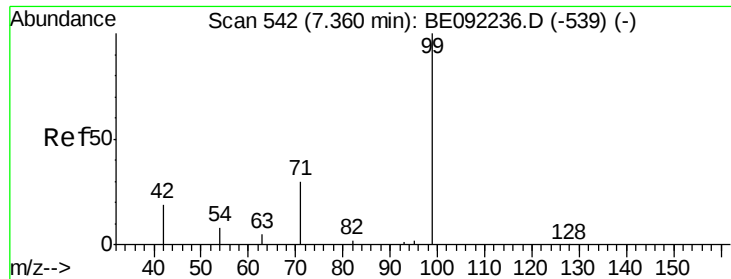


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.82 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

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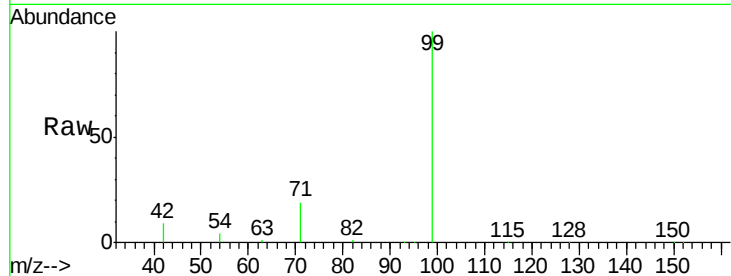
Tgt Ion: 99 Resp: 31095

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

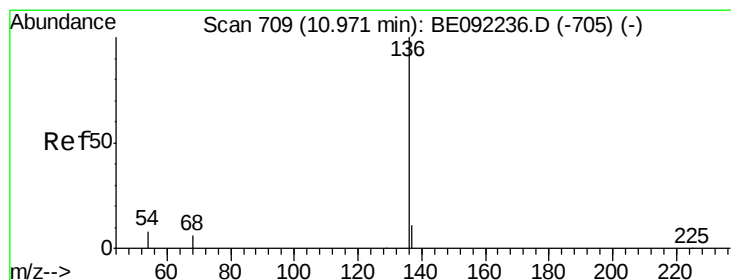
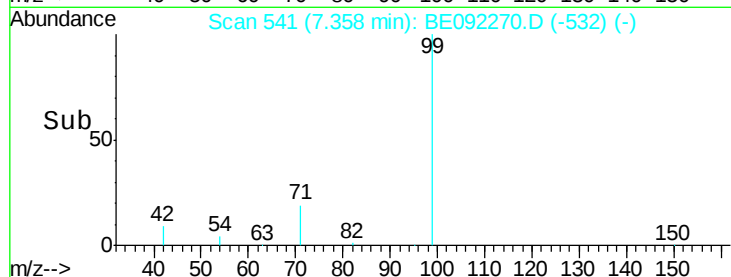
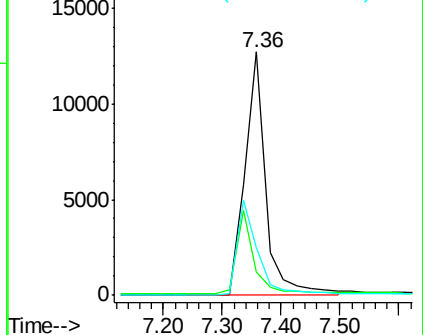
71 0.0 29.8 44.8#



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: BE092270.D

Acq: 19 Aug 2016 15:11

Tgt Ion: 136 Resp: 60093

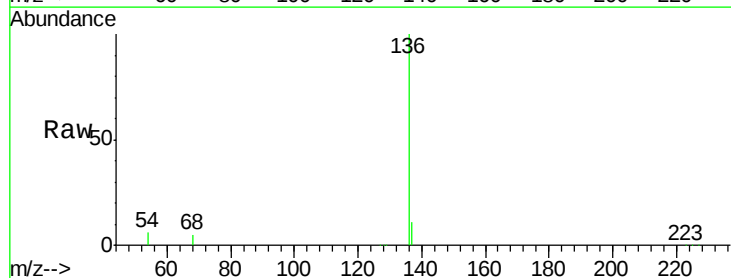
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 6.1 6.2 9.4#

68 4.6 4.6 6.8

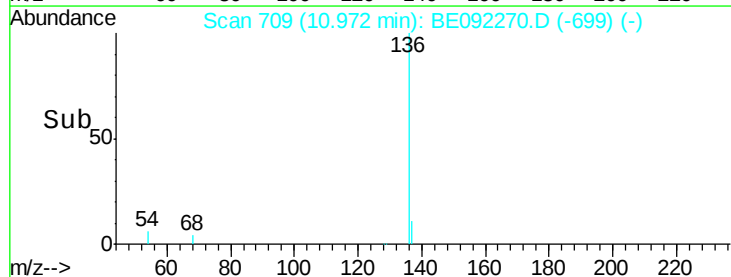
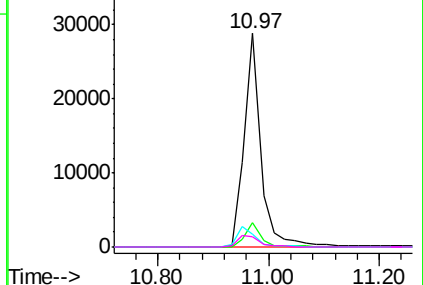


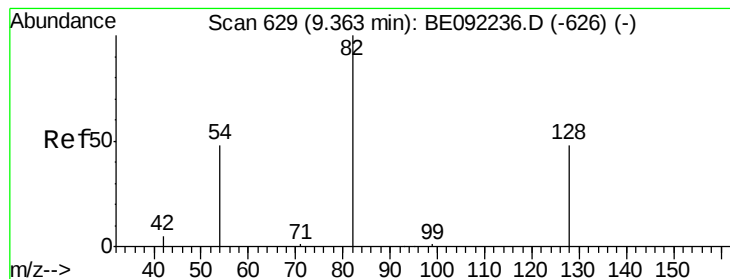
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.32 ng

RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

Instrument :

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PB92976BL

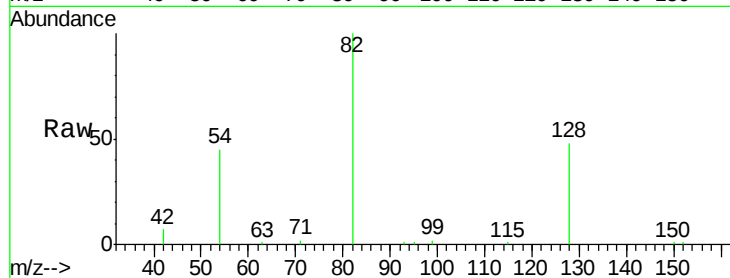
Tgt Ion: 82 Resp: 14088

Ion Ratio Lower Upper

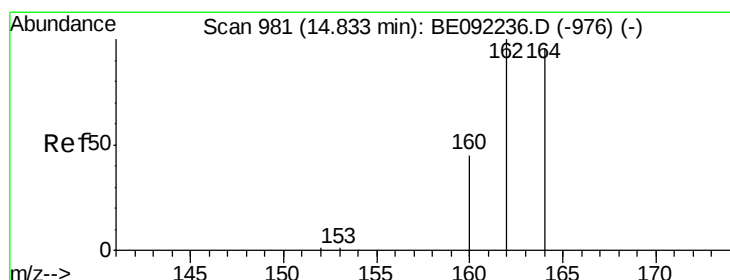
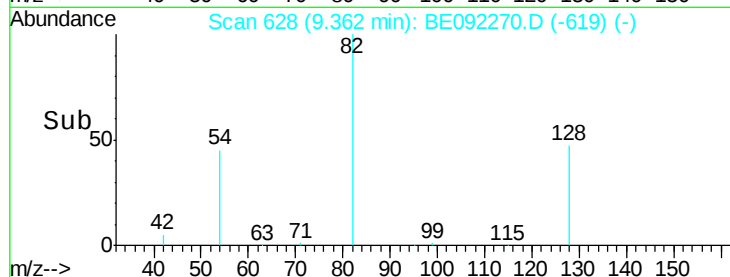
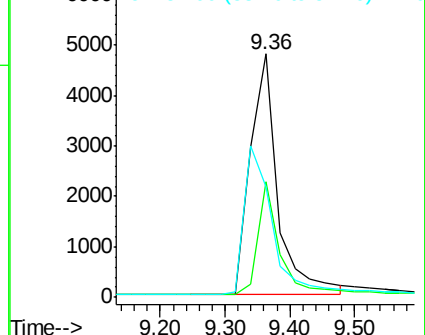
82 100

128 47.7 45.0 67.4

54 45.4 45.4 68.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092270.D

Acq: 19 Aug 2016 15:11

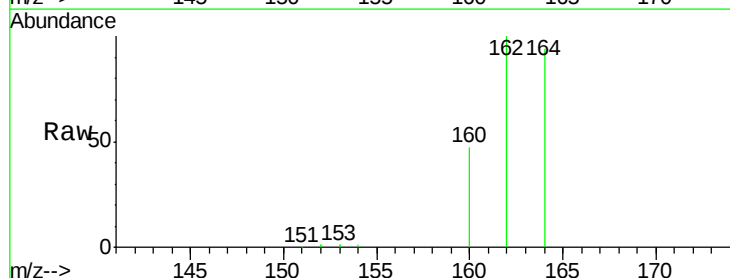
Tgt Ion: 164 Resp: 30176

Ion Ratio Lower Upper

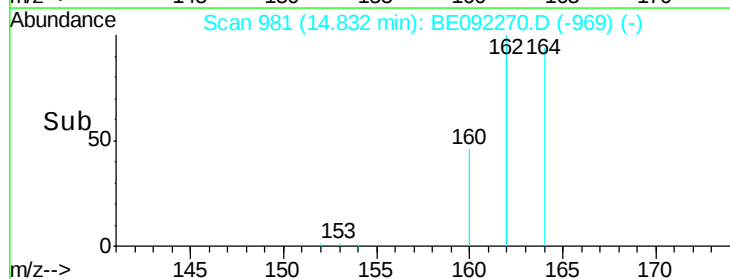
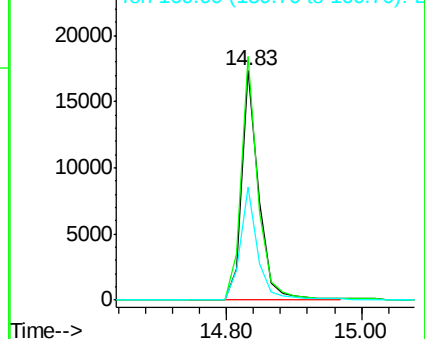
164 100

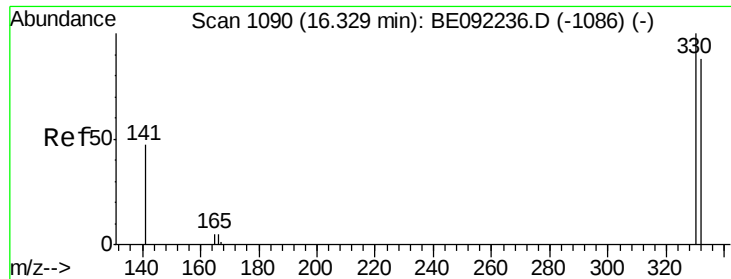
162 106.3 83.3 124.9

160 49.5 38.0 57.0



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

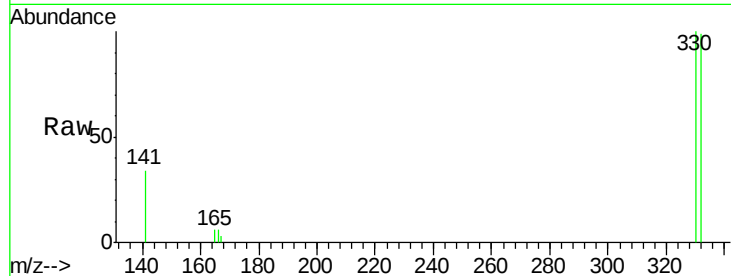




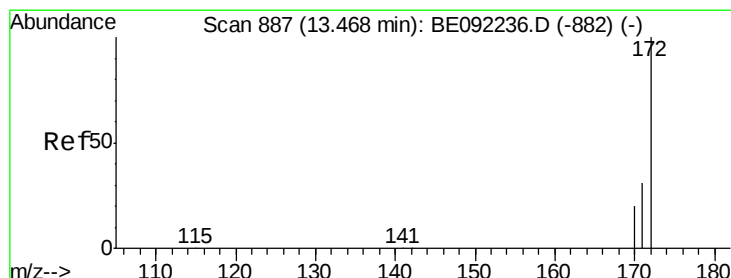
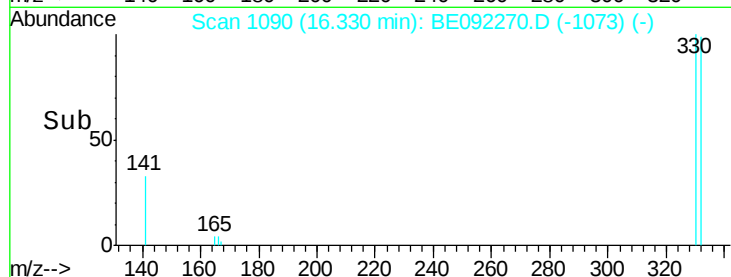
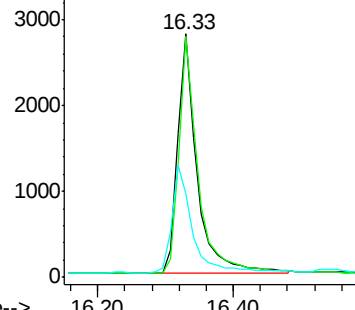
#13
 2,4,6-Tribromophenol
 Concen: 4.94 ng
 RT: 16.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

Instrument :
 BNA_E
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 PB92976BL

Tgt Ion: 330 Resp: 5706
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.4 113.0
 141 45.8 37.7 56.5

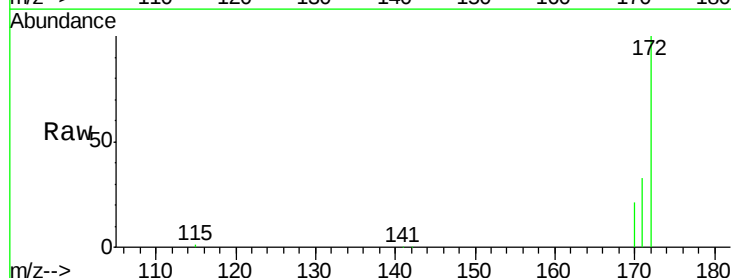


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

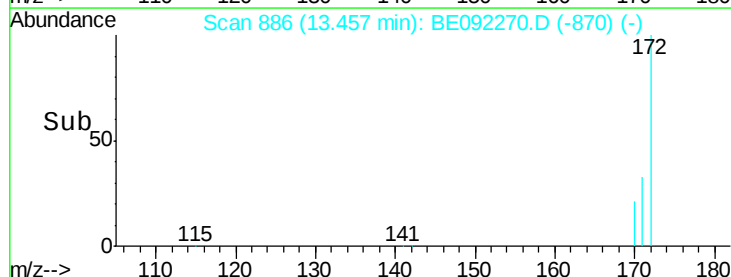
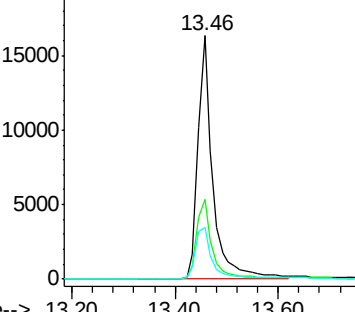


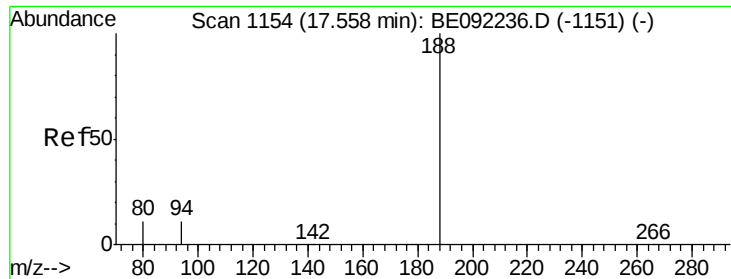
#14
 2-Fluorobiphenyl
 Concen: 3.45 ng
 RT: 13.46 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

Tgt Ion: 172 Resp: 32206
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.8 40.2
 170 21.0 17.8 26.6



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

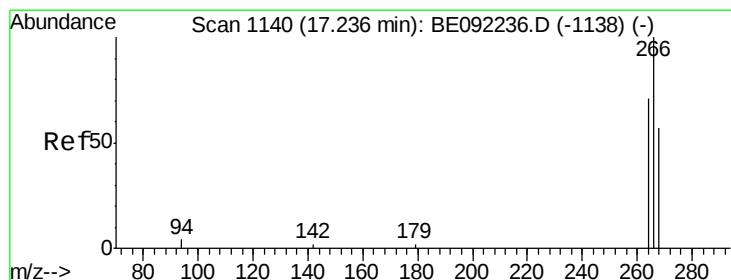
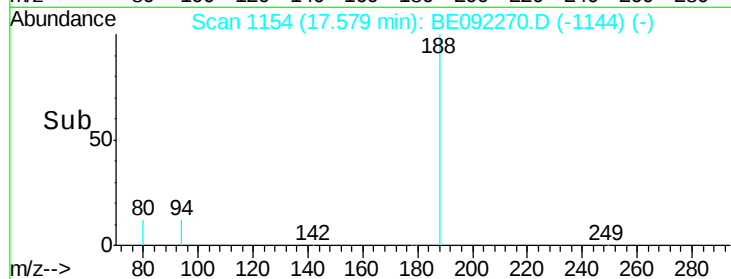
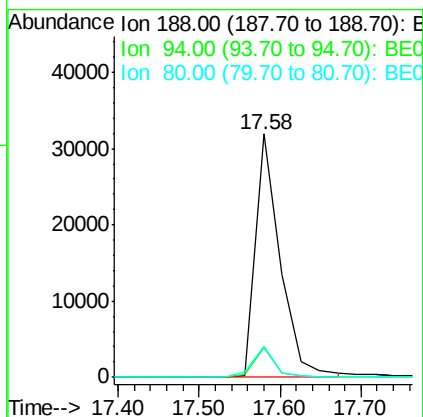
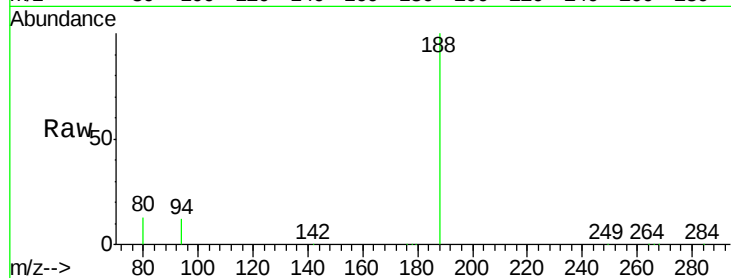




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092270.D
Acq: 19 Aug 2016 15:11

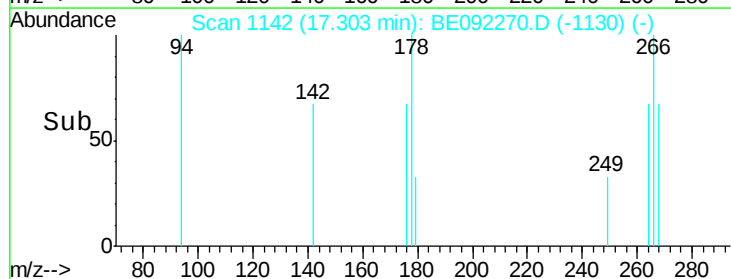
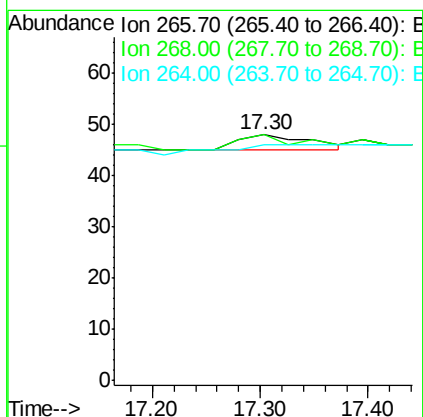
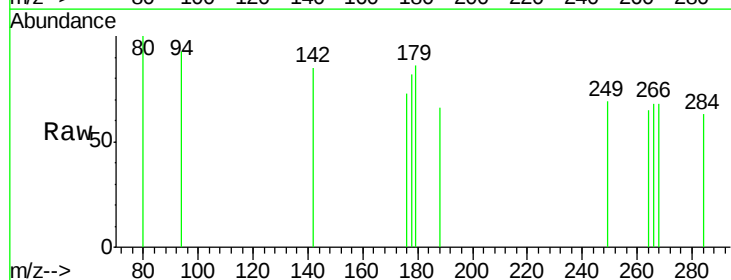
Instrument :
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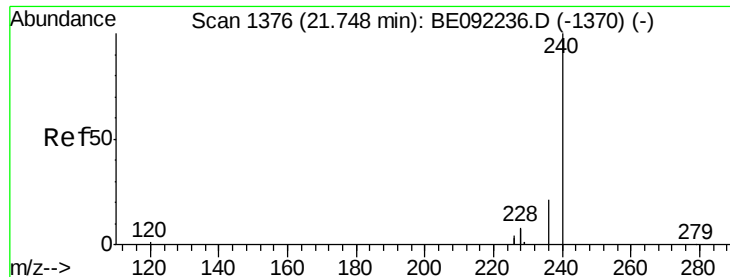
Tgt Ion:188 Resp: 67591
Ion Ratio Lower Upper
188 100
94 12.3 9.2 13.8
80 12.5 9.1 13.7



#20
Pentachlorophenol
Concen: 0.18 ng
RT: 17.30 min Scan# 1142
Delta R.T. 0.07 min
Lab File: BE092270.D
Acq: 19 Aug 2016 15:11

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
268 100.0 62.3 93.5#
264 95.8 67.4 101.0

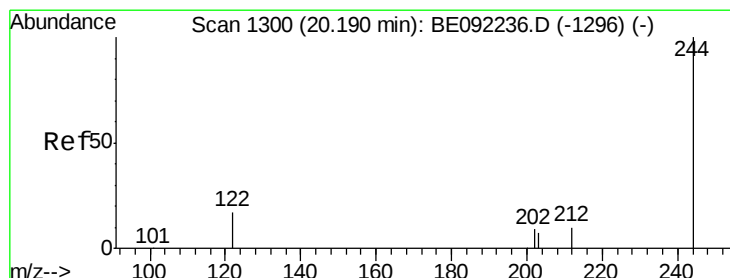
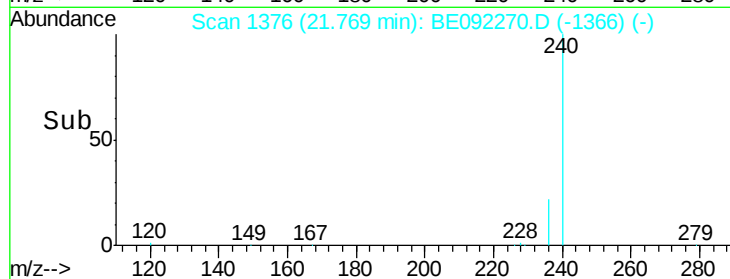
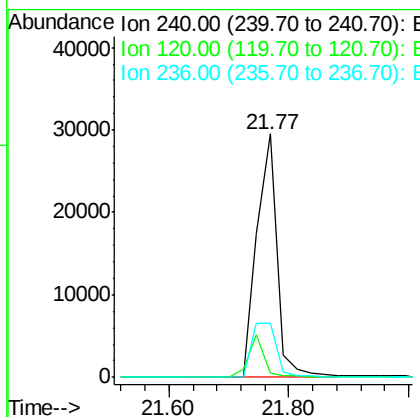
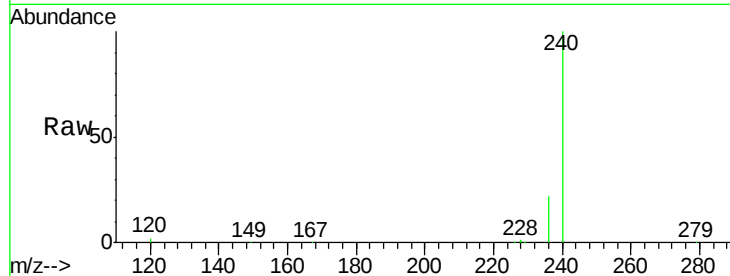




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.77 min Scan# 1376
 Delta R.T. 0.02 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

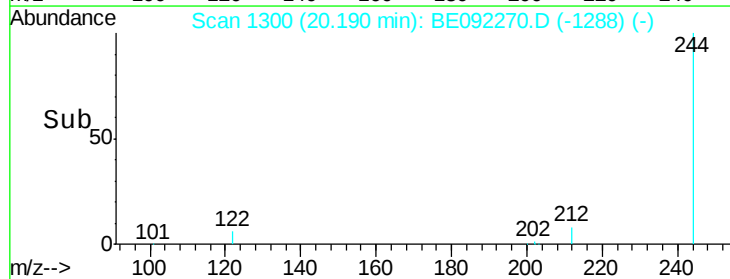
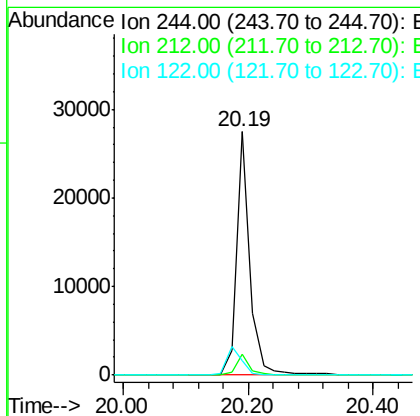
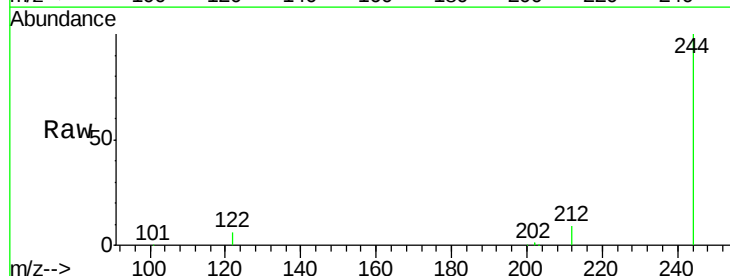
Instrument :
 BNA_E
 ClientSampleId :
 PB92976BL

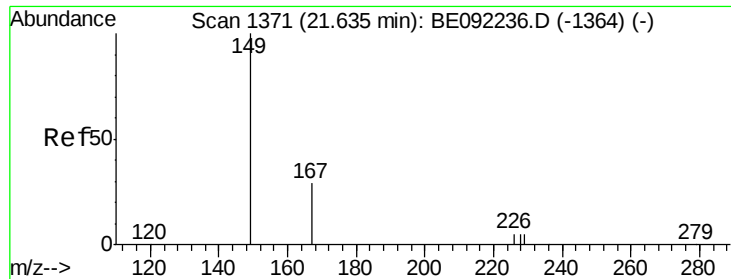
Tgt Ion:240 Resp: 69840
 Ion Ratio Lower Upper
 240 100
 120 1.6 1.2 1.8
 236 22.3 17.1 25.7



#26
 Terphenyl-d14
 Concen: 3.41 ng
 RT: 20.19 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

Tgt Ion:244 Resp: 40208
 Ion Ratio Lower Upper
 244 100
 212 8.6 10.2 15.2#
 122 6.0 15.9 23.9#

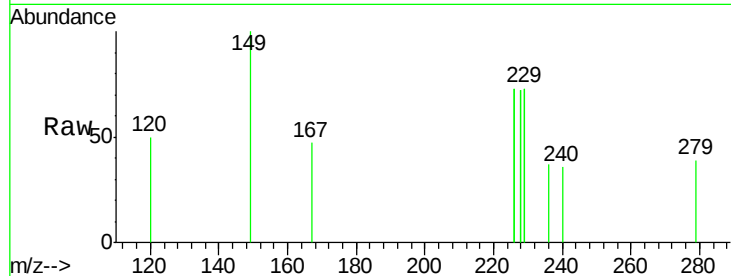




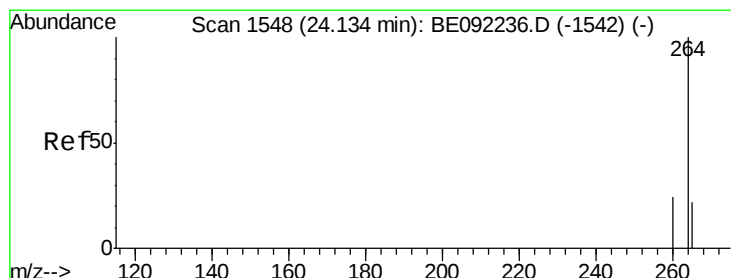
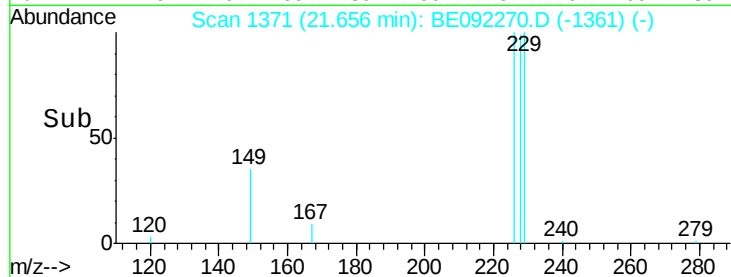
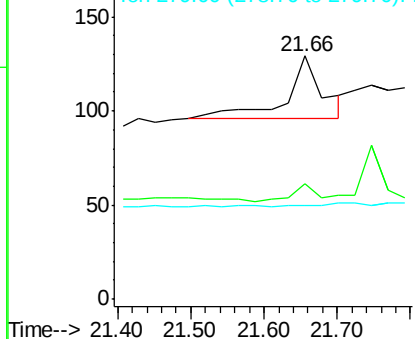
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.66 min Scan# 1371
 Delta R.T. 0.02 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

Instrument :
 BNA_E
 ClientSampleId :
 PB92976BL

Tgt Ion:149 Resp: 115
 Ion Ratio Lower Upper
 149 100
 167 16.5 22.1 33.1#
 279 0.0 0.0 0.0

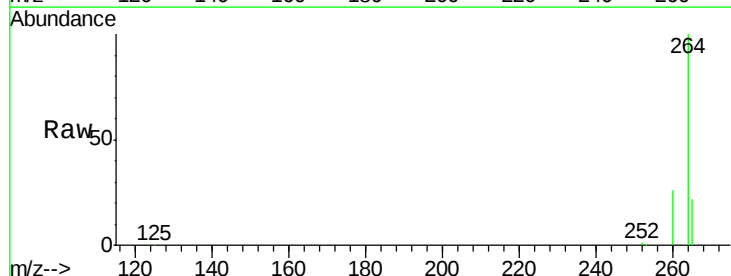


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.13 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BE092270.D
 Acq: 19 Aug 2016 15:11

Tgt Ion:264 Resp: 84602
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 21.6 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

