

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090666.D
 Acq On : 28 Aug 2015 21:18
 Operator : UM/IZ
 Sample : G3460-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:53:25 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

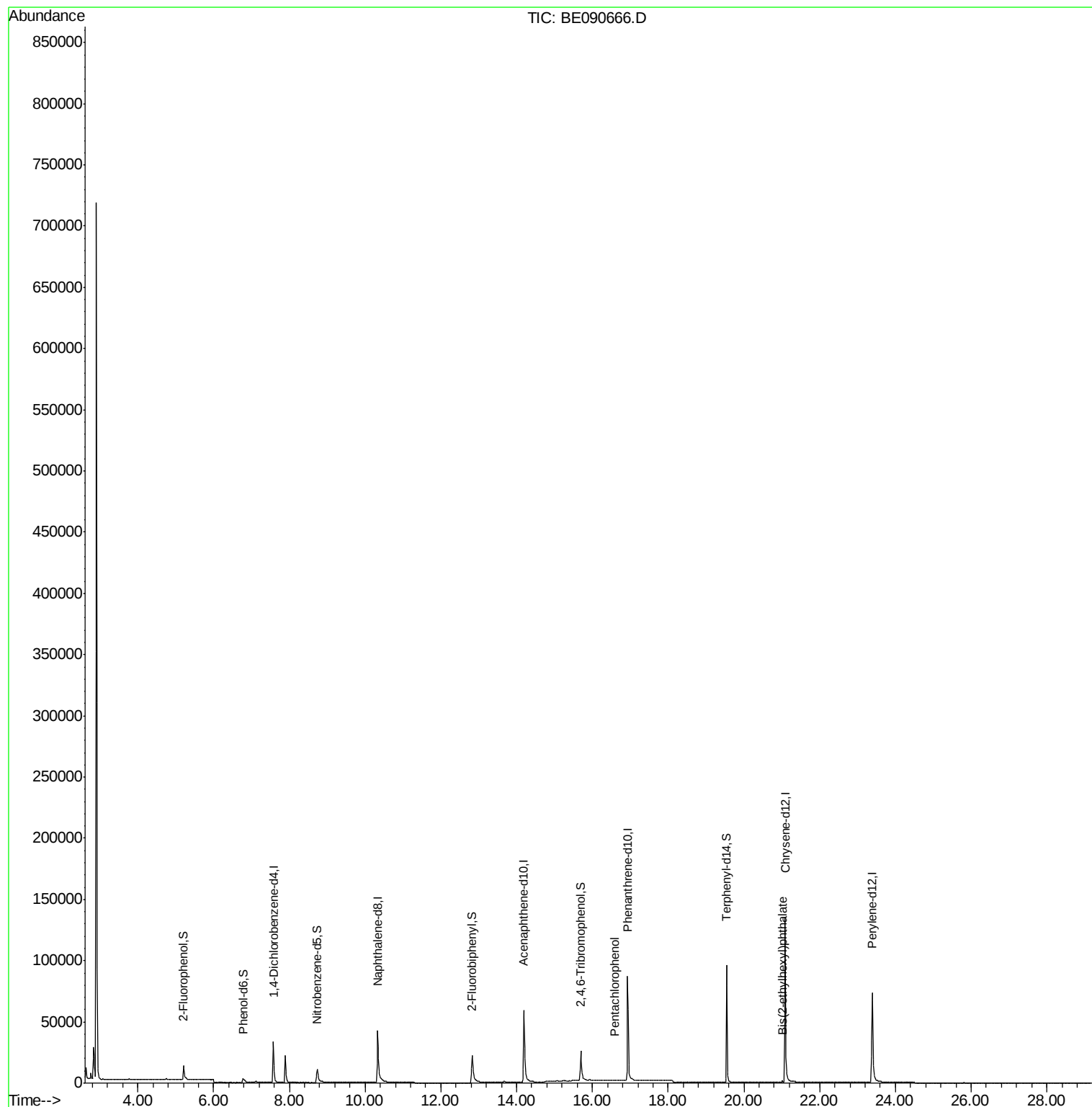
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20122	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	87947	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	52641	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	144670	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	151020	5.00	ng	0.00
32) Perylene-d12	23.39	264	125647	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	12505	2.15	ng	0.00
5) Phenol-d6	6.78	99	9462	1.11	ng	0.00
7) Nitrobenzene-d5	8.73	82	21002	3.00	ng	0.01
13) 2,4,6-Tribromophenol	15.69	330	14897	7.35	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	47924	3.05	ng	0.01
27) Terphenyl-d14	19.55	244	106762	3.87	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	14	Below Cal	#	15
21) Pentachlorophenol	16.60	266	8	0.30 ng	#	68
30) Bis(2-ethylhexyl)phthalate	21.02	149	1778	0.21 ng		100

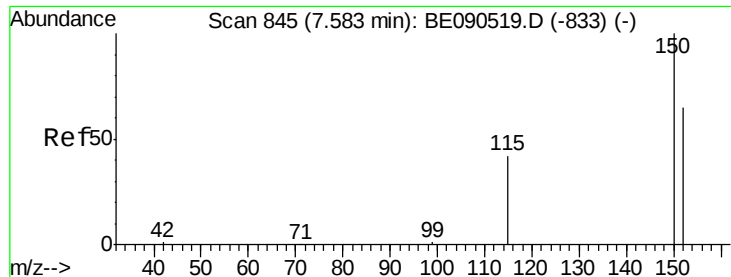
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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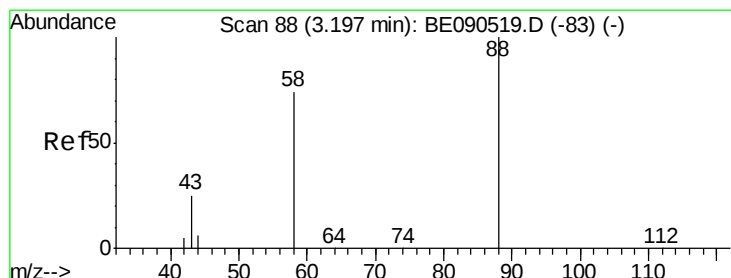
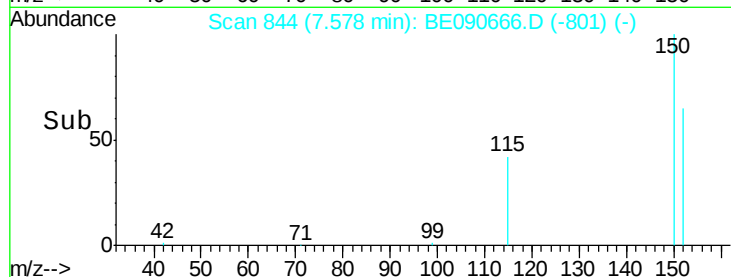
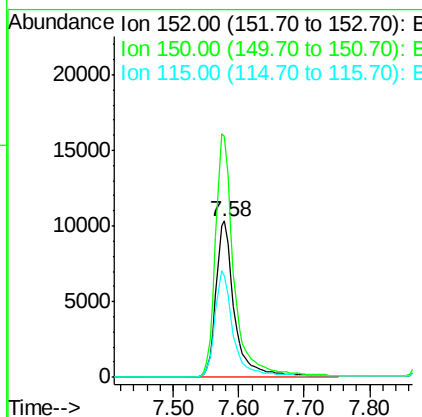
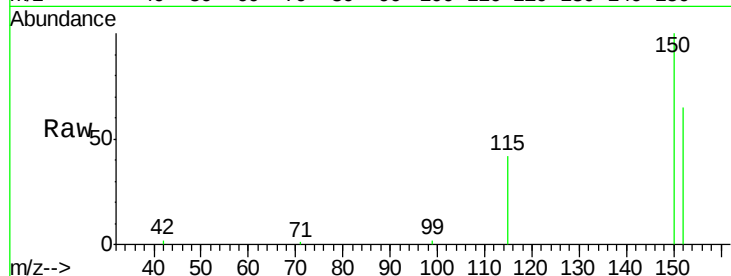


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090666.D
Acq: 28 Aug 2015 21:18

Instrument :
BNA_E
ClientSampleId :

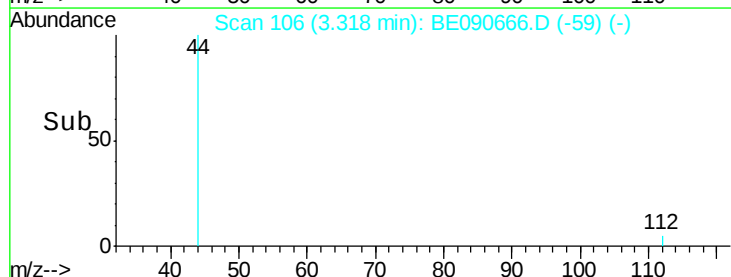
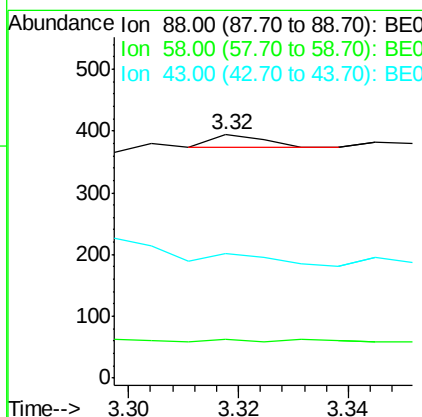
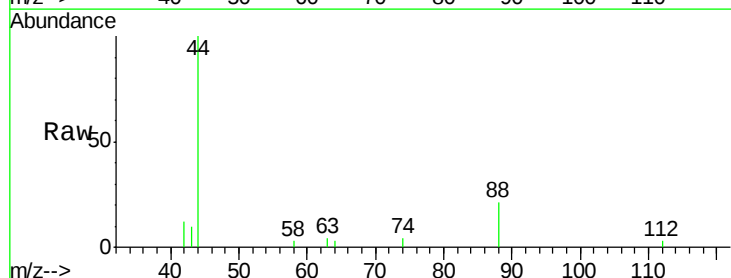
Tot Ion:152 Resp: 20122
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 65.3 48.9 73.3

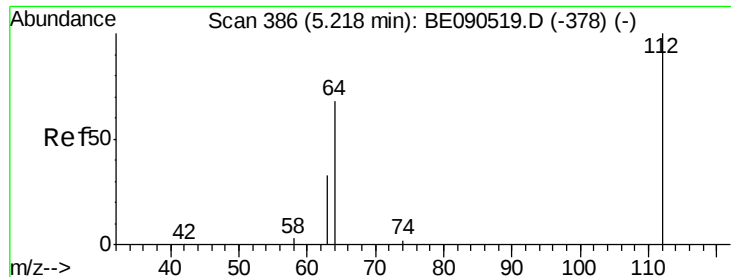


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 106
Delta R.T. 0.12 min
Lab File: BE090666.D
Acq: 28 Aug 2015 21:18

Tgt Ion: 88 Resp: 14
Ion Ratio Lower Upper
88 100
58 0.0 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.15 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

Instrument :

BNA_E

ClientSampled :

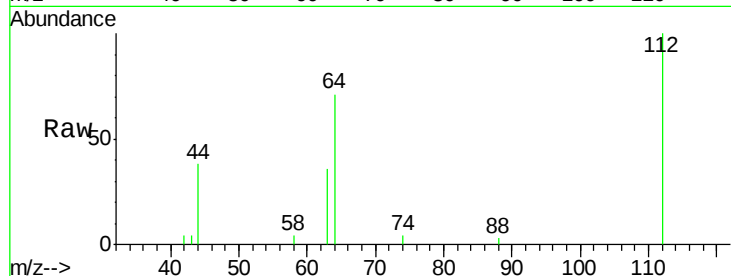
Tot Ion:112 Resp: 12505

Ion Ratio Lower Upper

112 100

64 70.9 37.1 55.7#

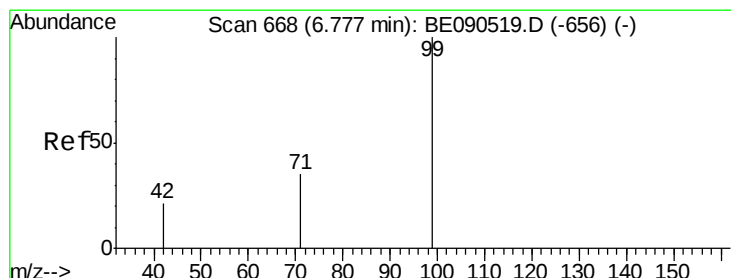
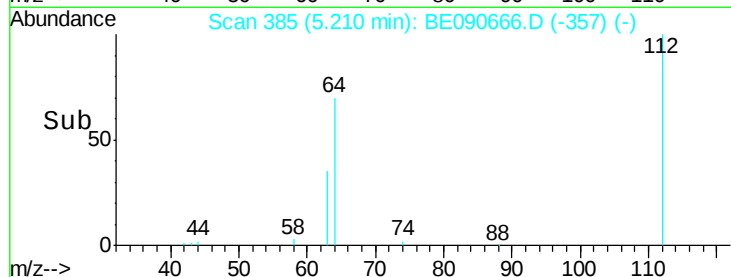
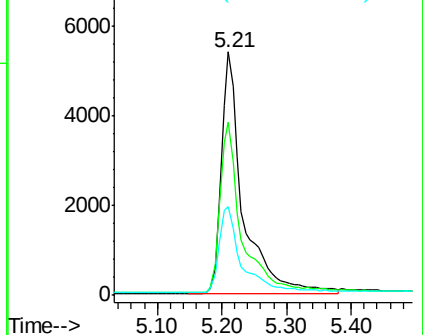
63 37.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.11 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

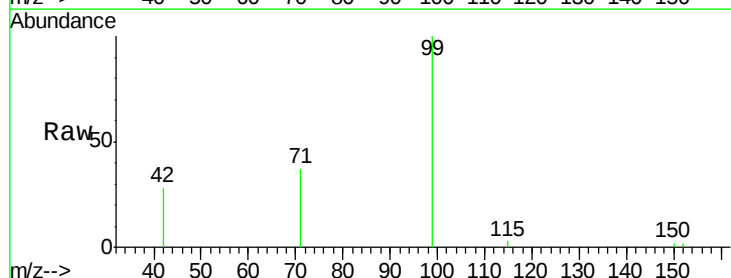
Tgt Ion: 99 Resp: 9462

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.4

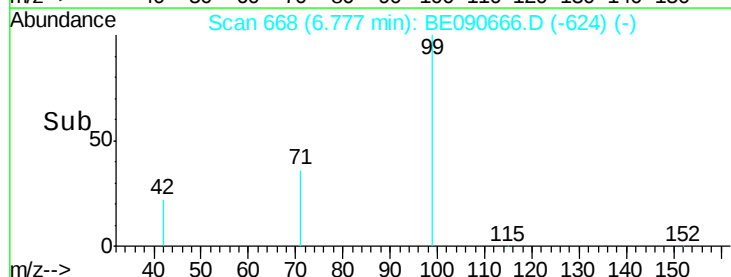
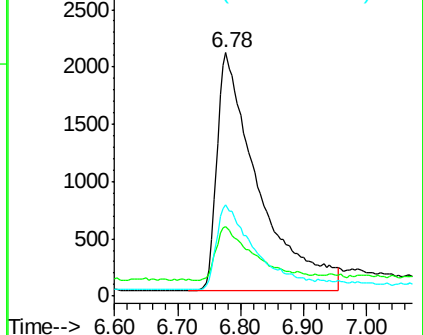
71 34.1 27.4 41.0

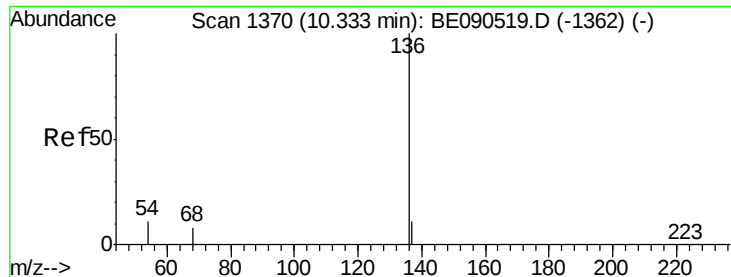


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 87947

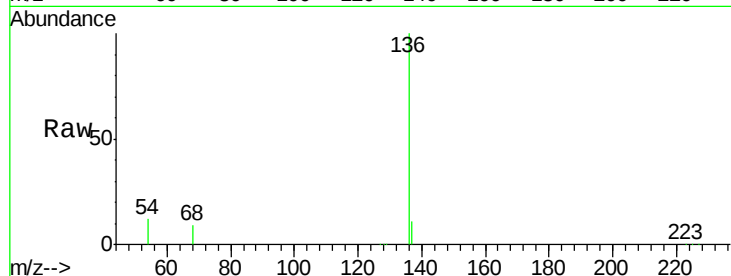
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.0	9.4	14.0
68	8.7	6.5	9.7

136 100

137 11.2 8.7 13.1

54 12.0 9.4 14.0

68 8.7 6.5 9.7

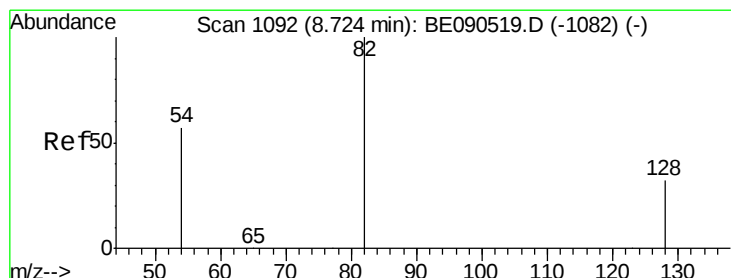
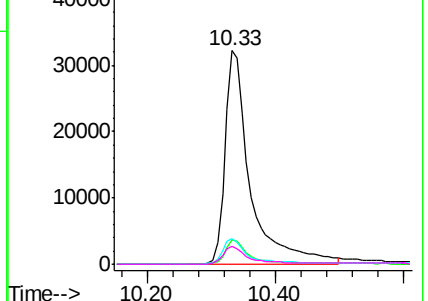
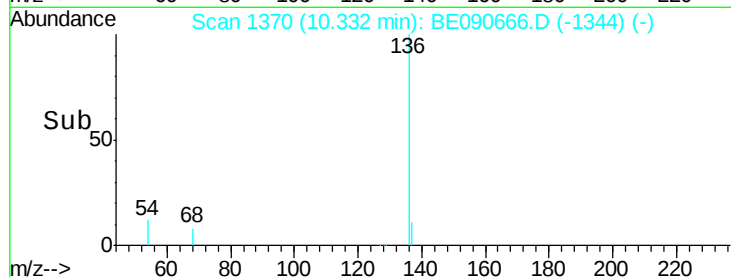


Abundance Ion 136.00 (135.70 to 136.70): E

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



#7

Nitrobenzene-d5

Concen: 3.00 ng

RT: 8.73 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

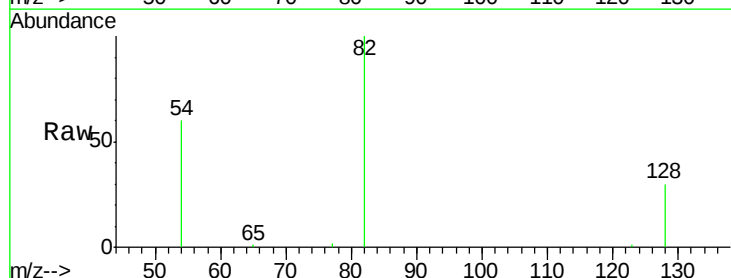
Tgt Ion: 82 Resp: 21002

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.6
54	59.8	48.8	73.2

82 100

128 30.4 25.0 37.6

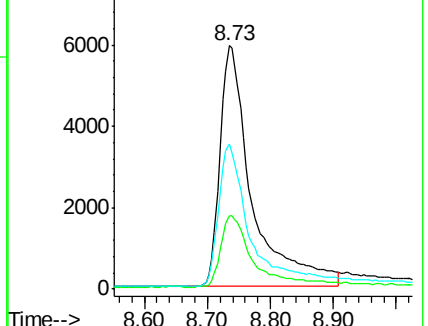
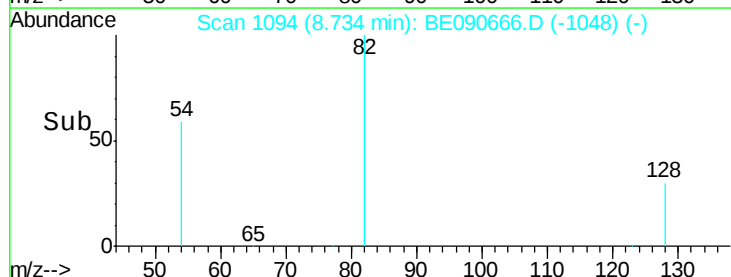
54 59.8 48.8 73.2

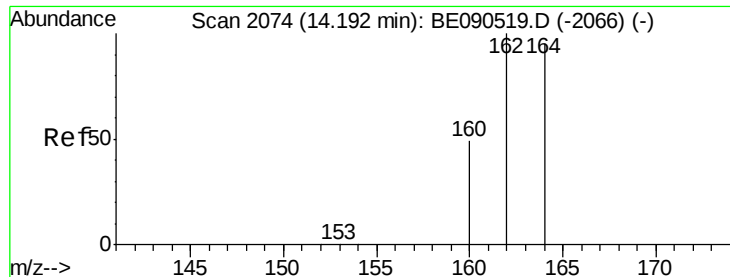


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

Instrument :

BNA_E

ClientSampleId :

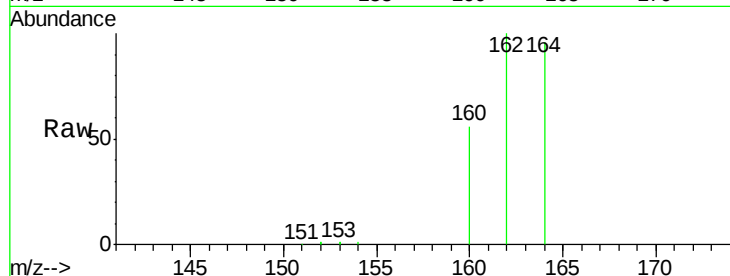
Tot Ion:164 Resp: 52641

Ion Ratio Lower Upper

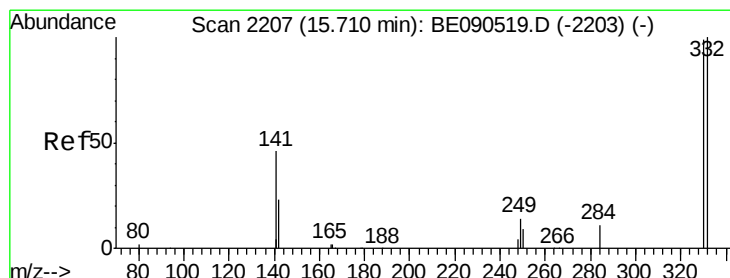
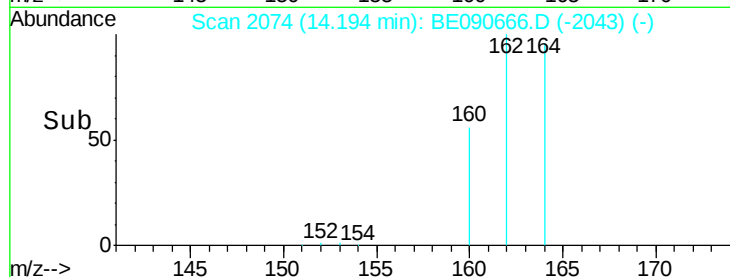
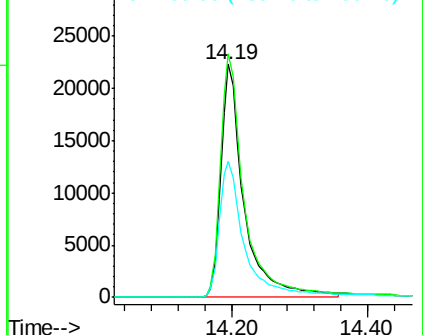
164 100

162 104.5 81.8 122.8

160 58.3 44.2 66.4



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: 7.35 ng

RT: 15.69 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE090666.D

Acq: 28 Aug 2015 21:18

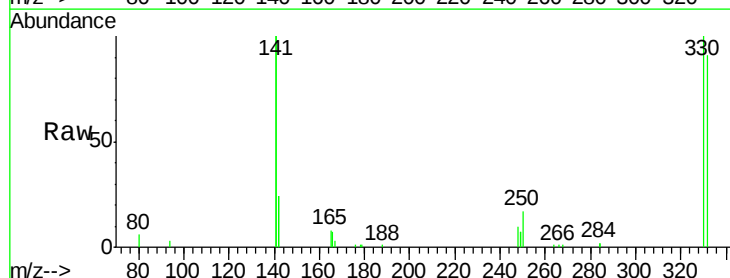
Tgt Ion:330 Resp: 14897

Ion Ratio Lower Upper

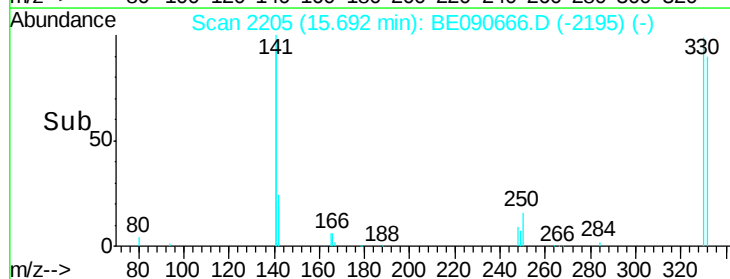
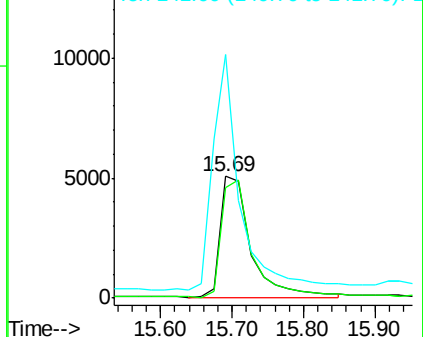
330 100

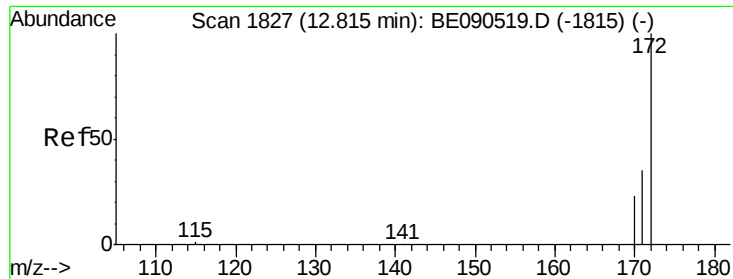
332 96.6 75.8 113.6

141 176.0 114.4 171.6#



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

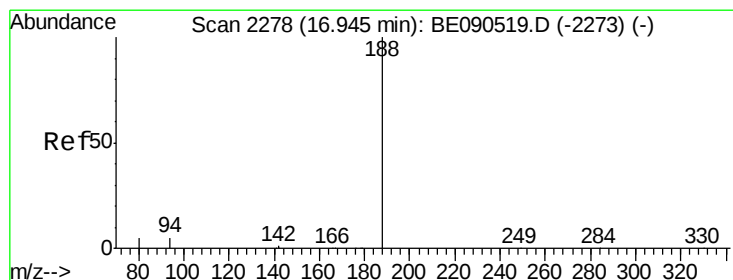
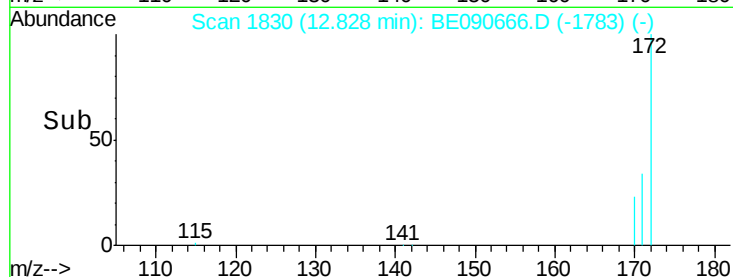
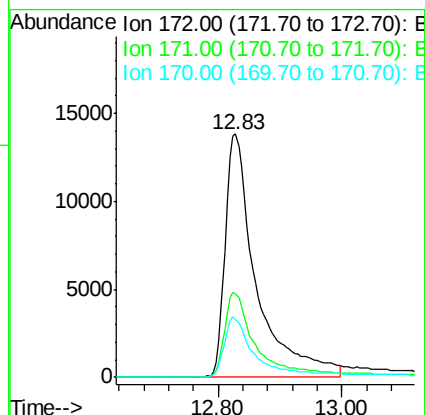
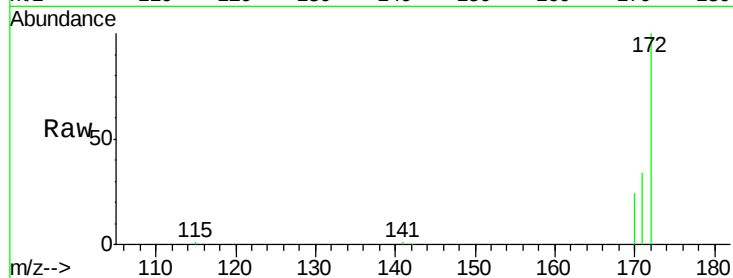




#14
2-Fluorobiphenyl
Concen: 3.05 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090666.D
Acq: 28 Aug 2015 21:18

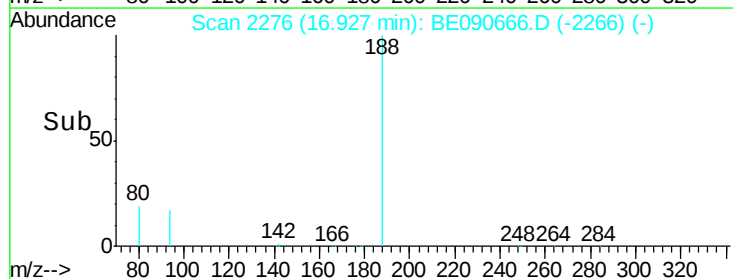
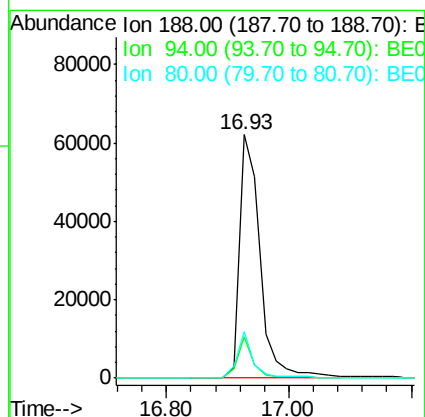
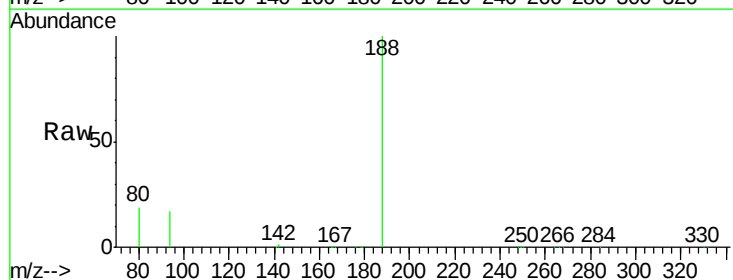
Instrument :
BNA_E
ClientSampleId :

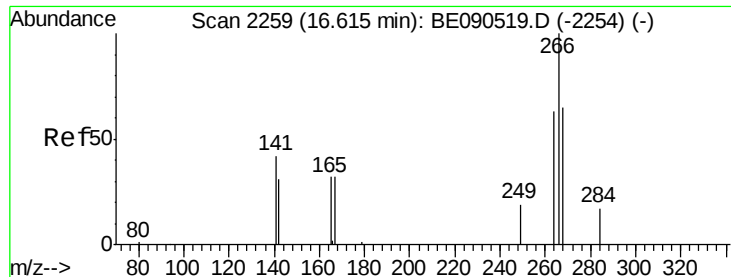
Tot Ion:172 Resp: 47924
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.8 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BE090666.D
Acq: 28 Aug 2015 21:18

Tgt Ion:188 Resp: 144670
Ion Ratio Lower Upper
188 100
94 17.0 5.7 8.5#
80 18.9 5.8 8.8#

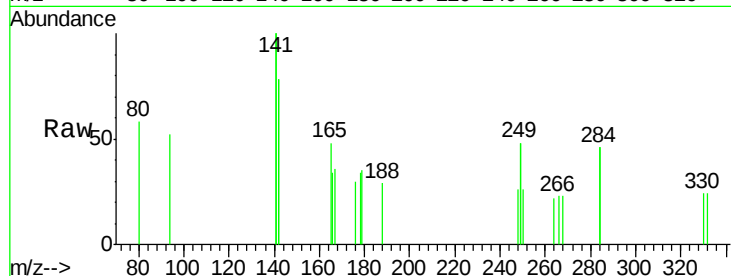




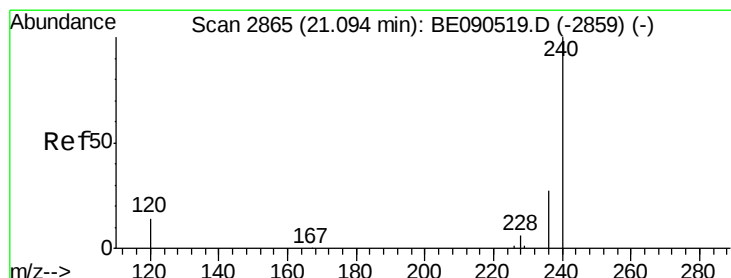
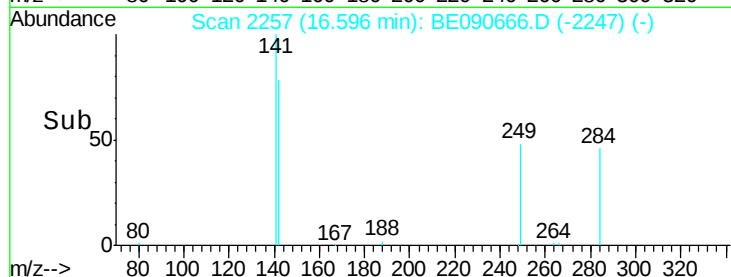
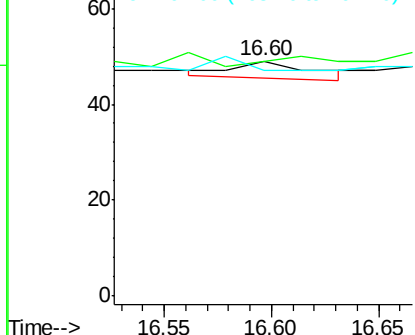
#21
 Pentachlorophenol
 Concen: 0.30 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090666.D
 Acq: 28 Aug 2015 21:18

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 268 100.0 58.5 87.7#
 264 95.9 56.0 84.0#

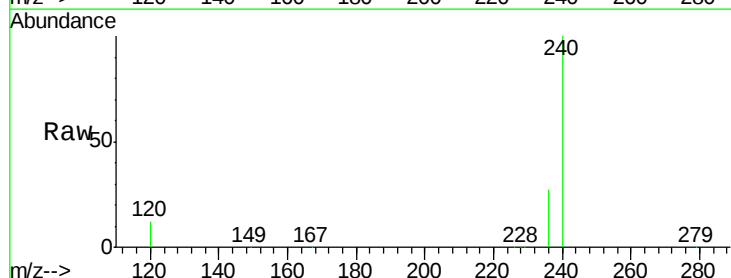


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

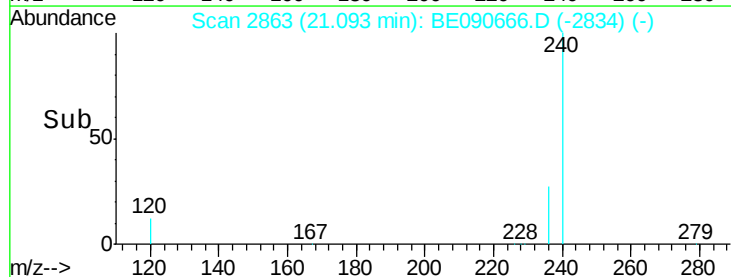
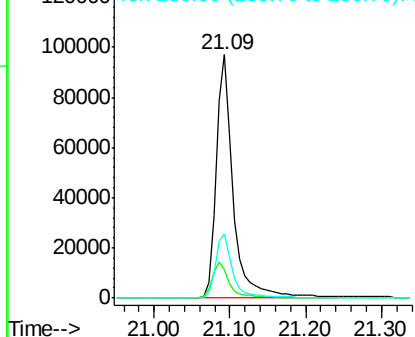


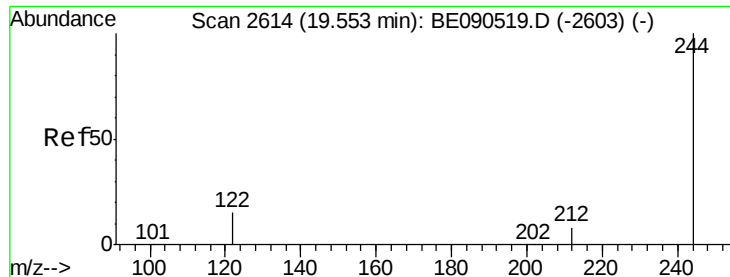
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE090666.D
 Acq: 28 Aug 2015 21:18

Tgt Ion:240 Resp: 151020
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 26.6 21.0 31.4



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

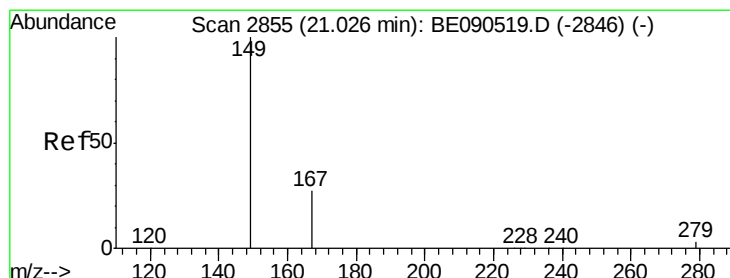
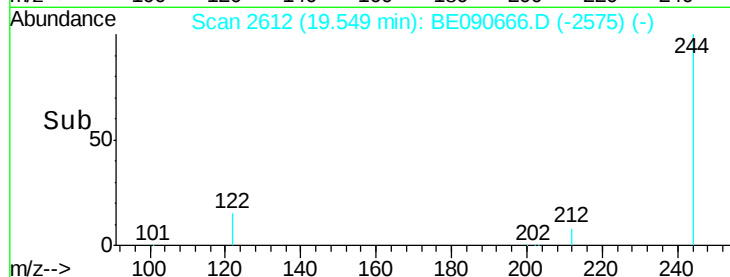
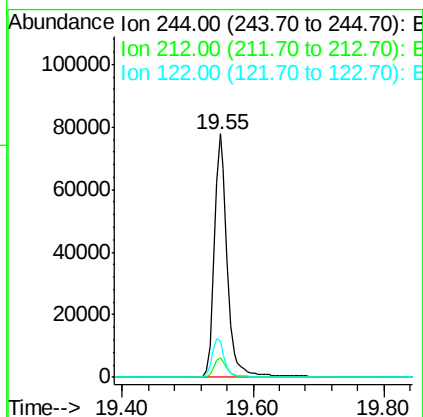
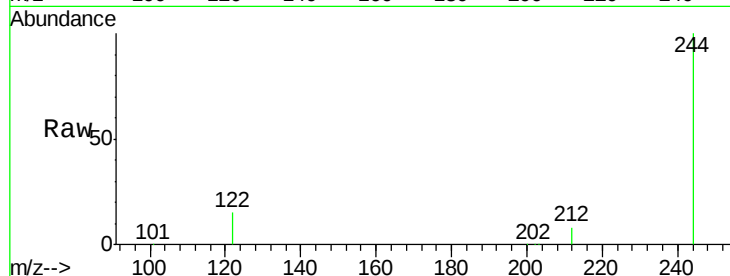




#27
 Terphenyl-d14
 Concen: 3.87 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090666.D
 Acq: 28 Aug 2015 21:18

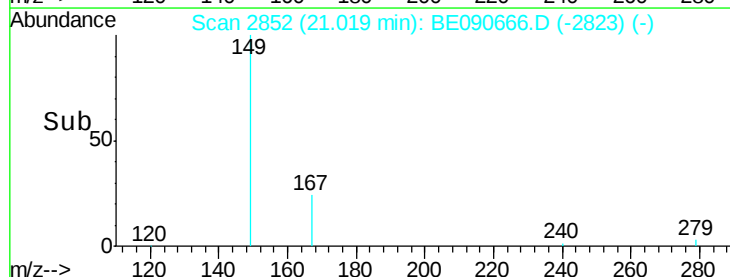
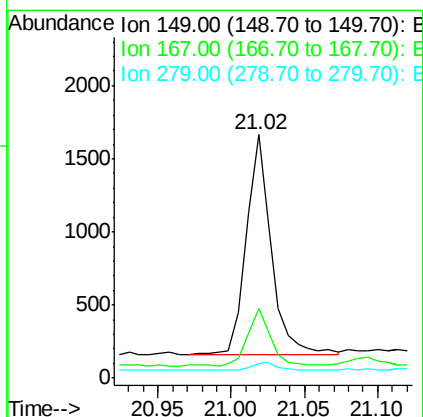
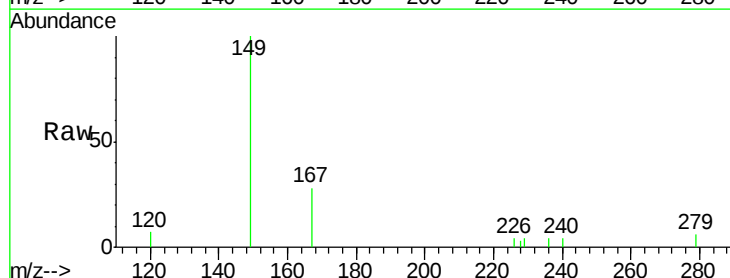
Instrument :
 BNA_E
 ClientSampleId :

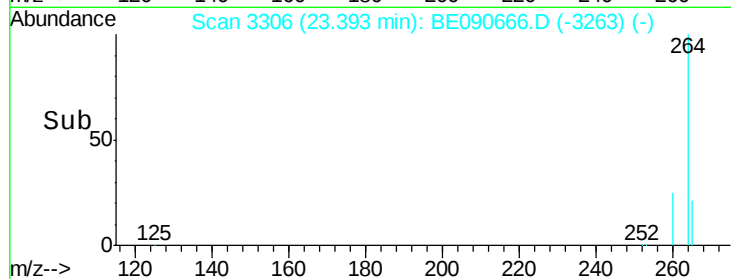
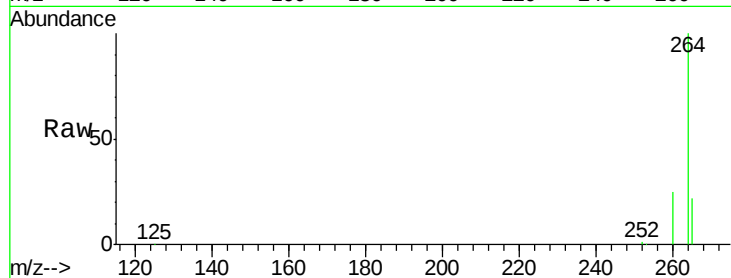
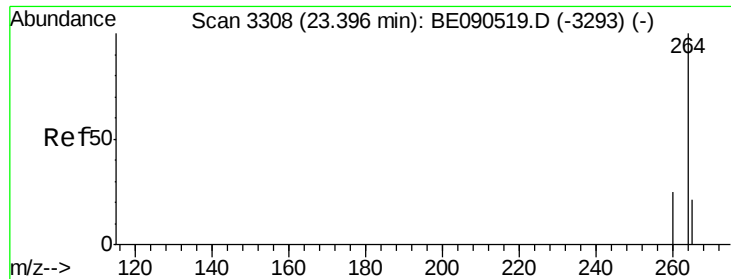
Tot Ion:244 Resp: 106762
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 14.8 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng
 RT: 21.02 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BE090666.D
 Acq: 28 Aug 2015 21:18

Tgt Ion:149 Resp: 1778
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.8 29.8
 279 3.2 2.4 3.6





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090666.D
 Acq: 28 Aug 2015 21:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.7	17.2	25.8

