Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088325.D
Acq On : 24 Jun 2016 9:59
Operator : UM/SJ
Sample : H3084-02DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

Manual Integrations APPROVED
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Quant Time: Jun 24 11:59:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	18633m	5.00	ng		-0.01
21) Naphthalene-d8	7.88	136	81951	5.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	40584	5.00	ng		-0.02
63) Phenanthrene-d10	11.10	188	61675	5.00	ng		-0.02
75) Chrysene-d12	13.73	240	45947	5.00	ng		-0.02
86) Perylene-d12	15.09	264	40536	5.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1666	0.38	ng		0.05
7) Phenol-d6	6.28	99	3325	0.63	ng		0.02
23) Nitrobenzene-d5	7.18	82	3933	0.70	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	752	0.44	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.67	244	4925	0.61	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.30	94	21845	3.58	ng		98
12) 1,3-Dichlorobenzene	6.54	146	17840	3.22	ng		95
13) 1,4-Dichlorobenzene	6.62	146	48468m	8.69	ng		
14) 1,2-Dichlorobenzene	6.76	146	340928	67.21	ng		96
17) 2-Methylphenol	6.89	107	25363	6.06	ng		95
20) 3+4-Methylphenols	7.05	107	101733	20.83	ng	#	75
22) Acetophenone	7.03	105	21456	2.93	ng	#	64
27) 2,4-Dimethylphenol	7.59	122	21733	4.05	ng	#	93
31) Naphthalene	7.90	128	168393	10.38	ng		98

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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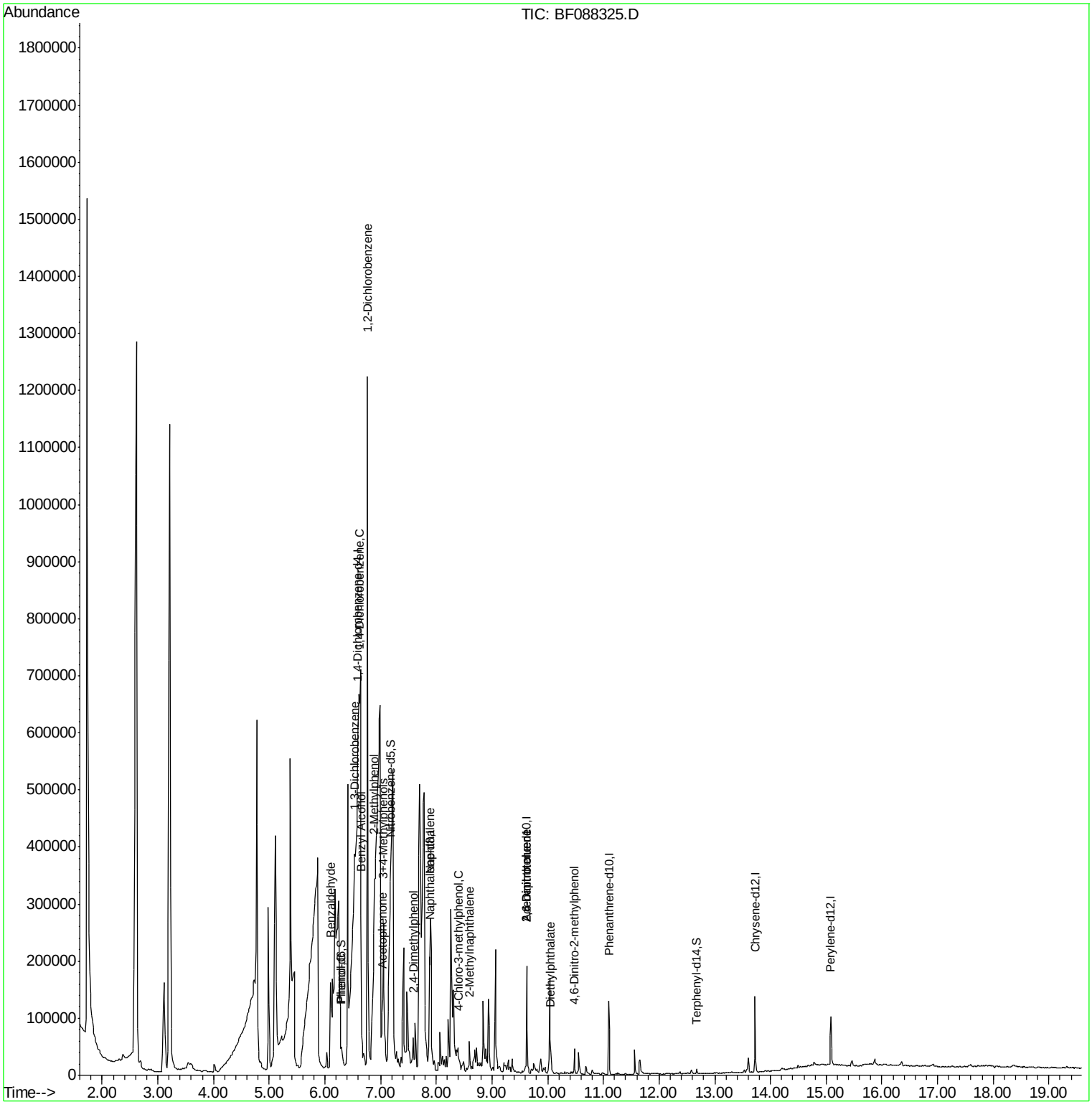
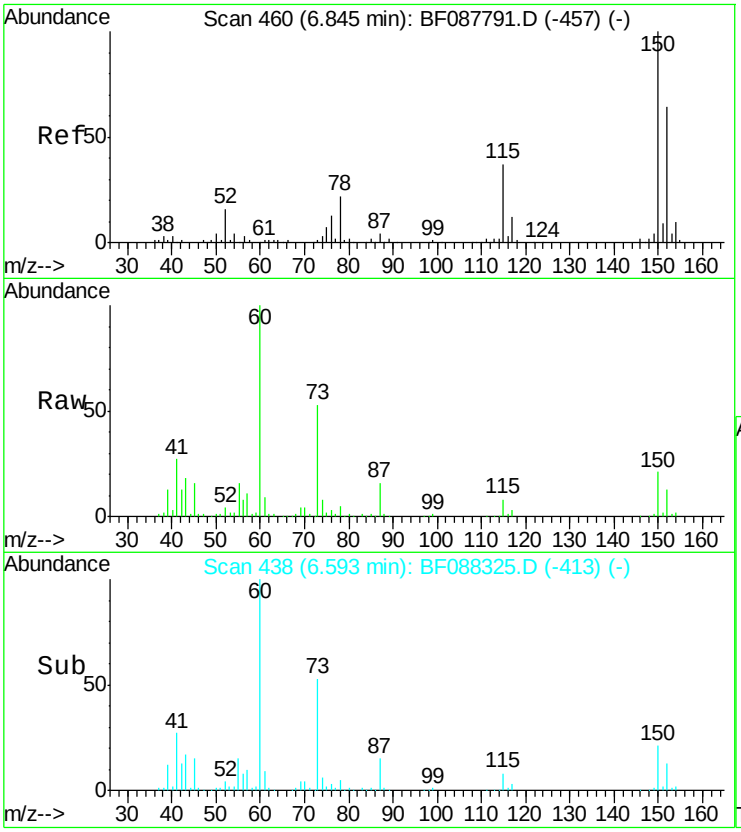
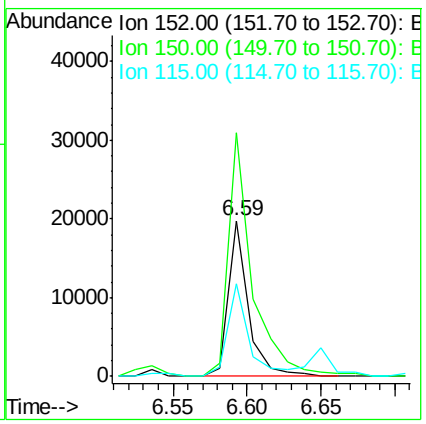




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng m
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:152 Resp: 18633

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.6
115	60.0	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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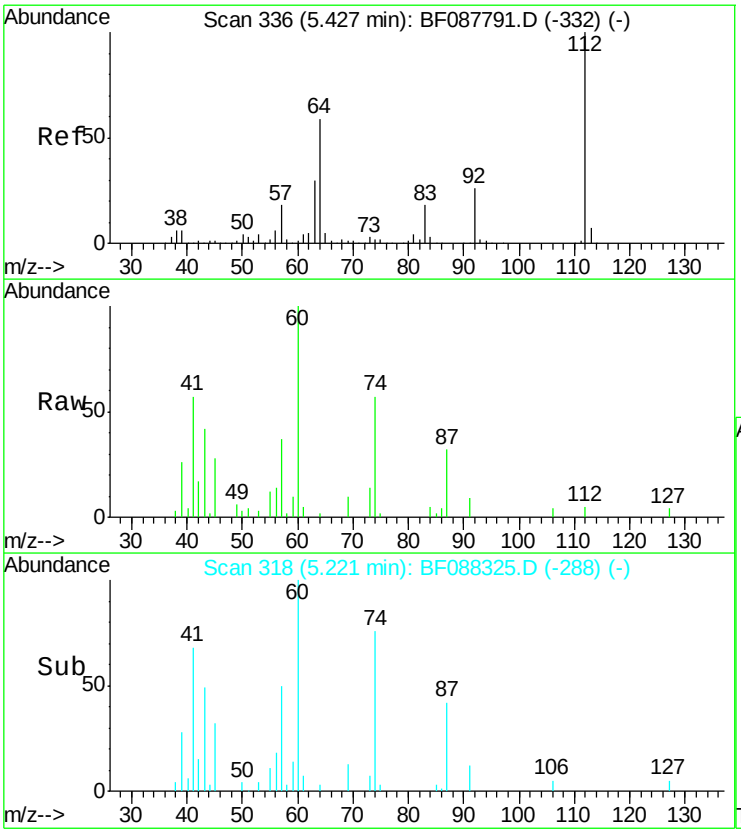
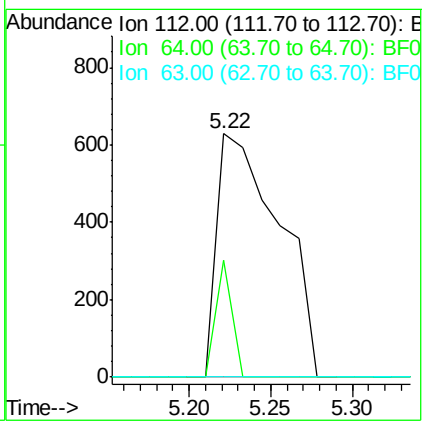
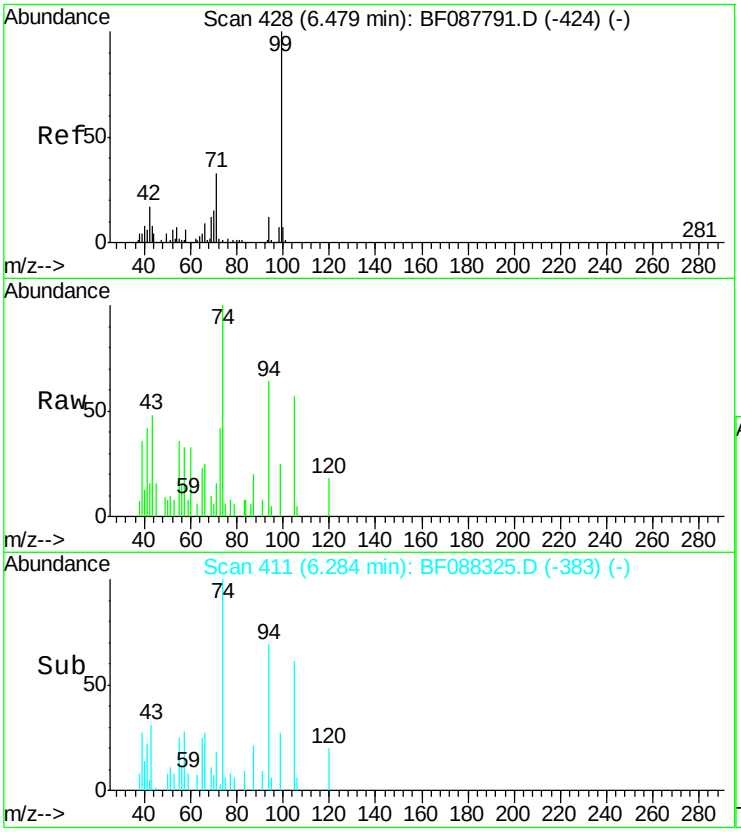


#5
2-Fluorophenol
Concen: 0.38 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.05 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:112 Resp: 1666

Ion	Ratio	Lower	Upper
112	100		
64	47.9	42.2	63.2
63	0.0	21.8	32.8#





#7
Phenol-d6
Concen: 0.63 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion: 99 Resp: 3325

Ion	Ratio	Lower	Upper
99	100		
42	62.8	12.2	18.2#
71	64.7	23.4	35.0#

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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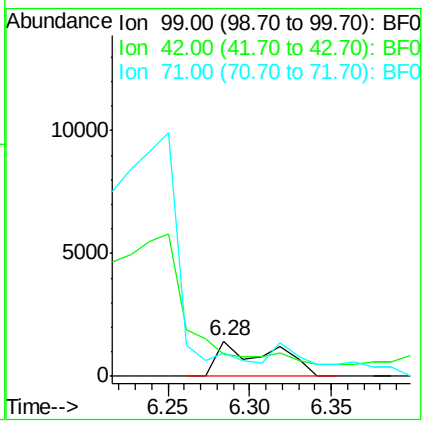
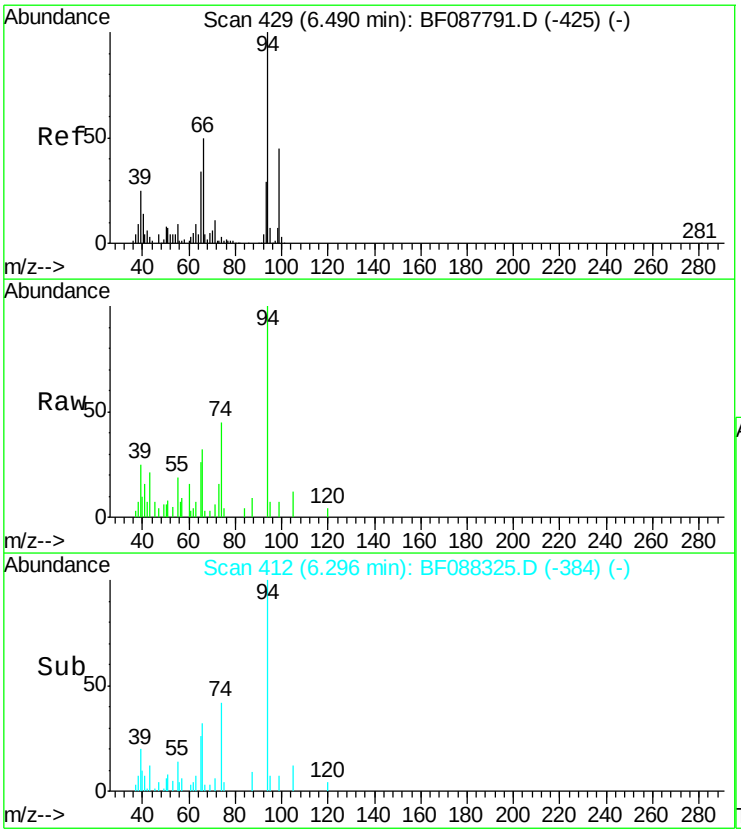
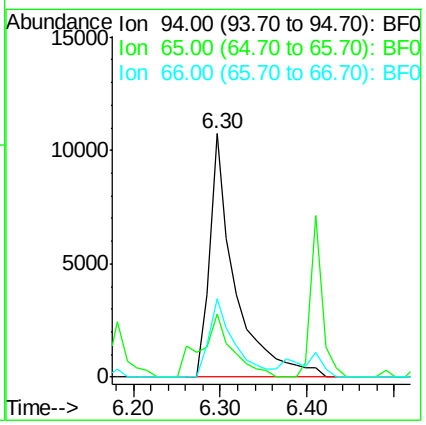


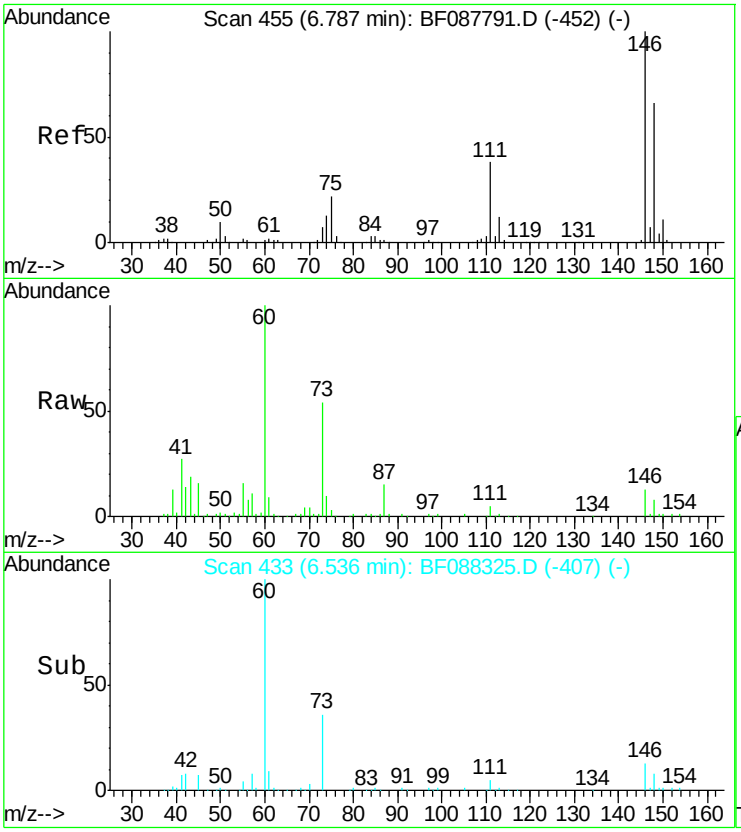


#10
Phenol
Concen: 3.58 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion: 94 Resp: 21845

Ion	Ratio	Lower	Upper
94	100		
65	25.8	5.9	45.9
66	32.4	14.0	54.0





#12
1,3-Dichlorobenzene
Concen: 3.22 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:146 Resp: 17840

Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.9	76.3
75	27.5	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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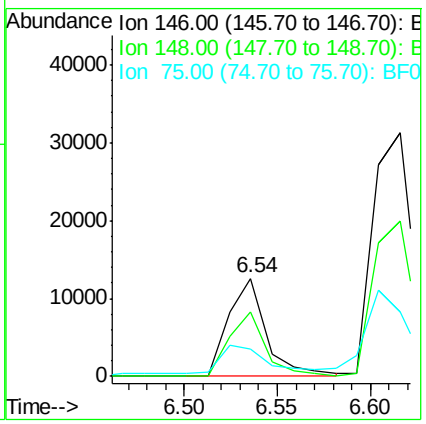
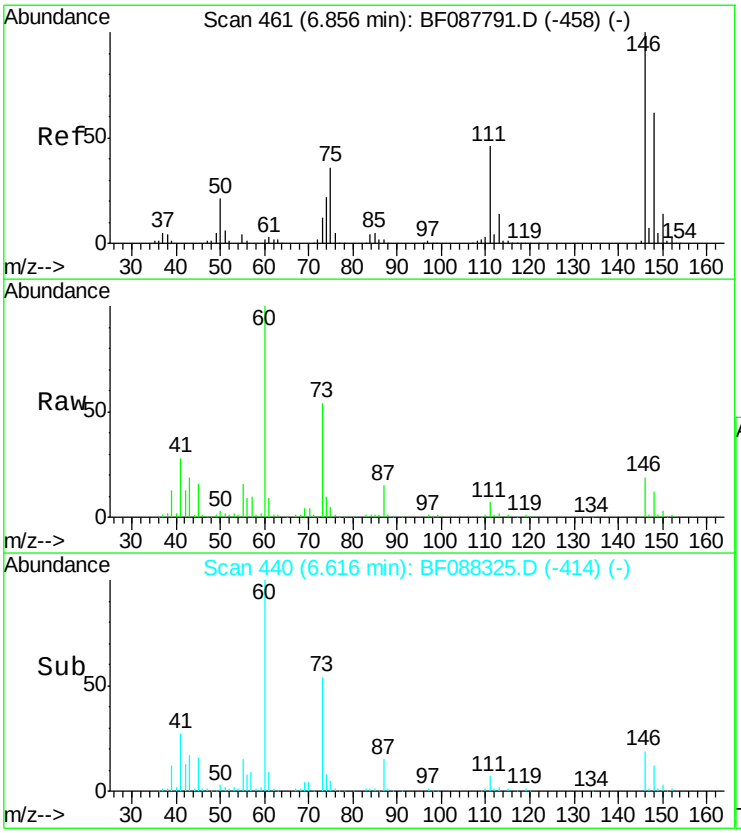
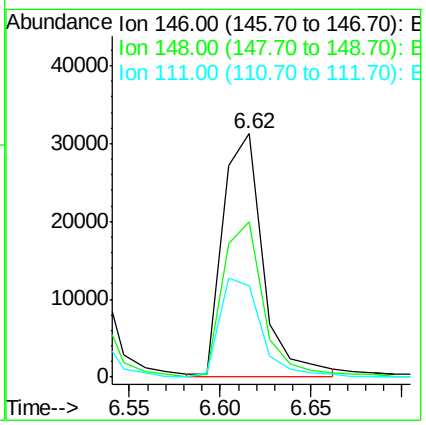


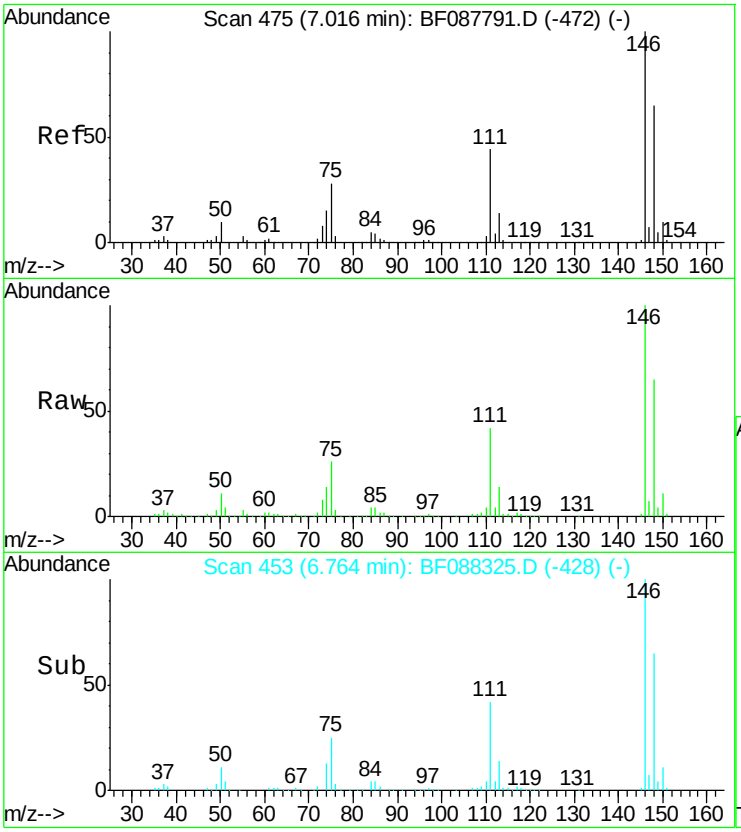


#13
1,4-Dichlorobenzene
Concen: 8.69 ng m
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:146 Resp: 48468

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	37.6	33.8	50.8

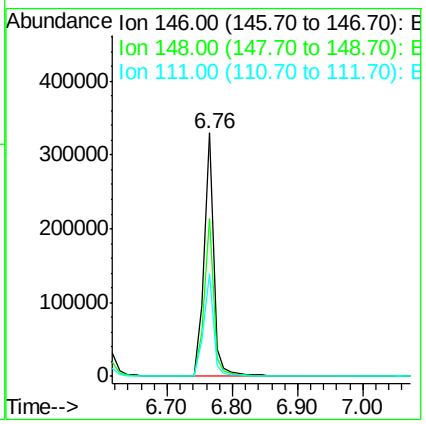




#14
1,2-Dichlorobenzene
Concen: 67.21 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:146 Resp: 340928

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	42.2	28.7	43.1



Instrument :
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ClientSampleId :
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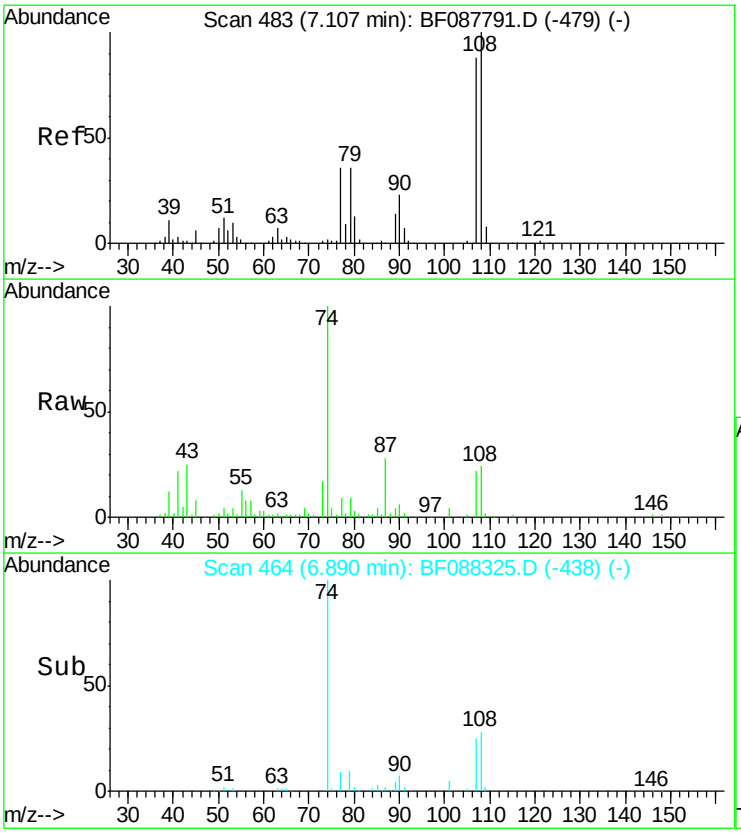
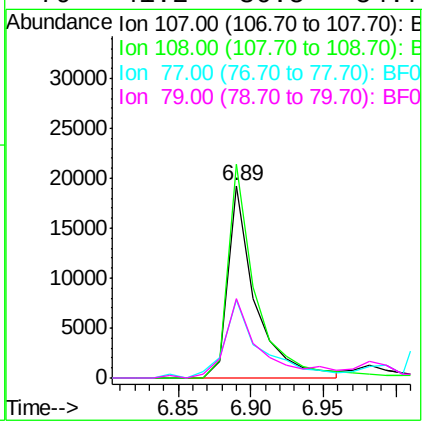
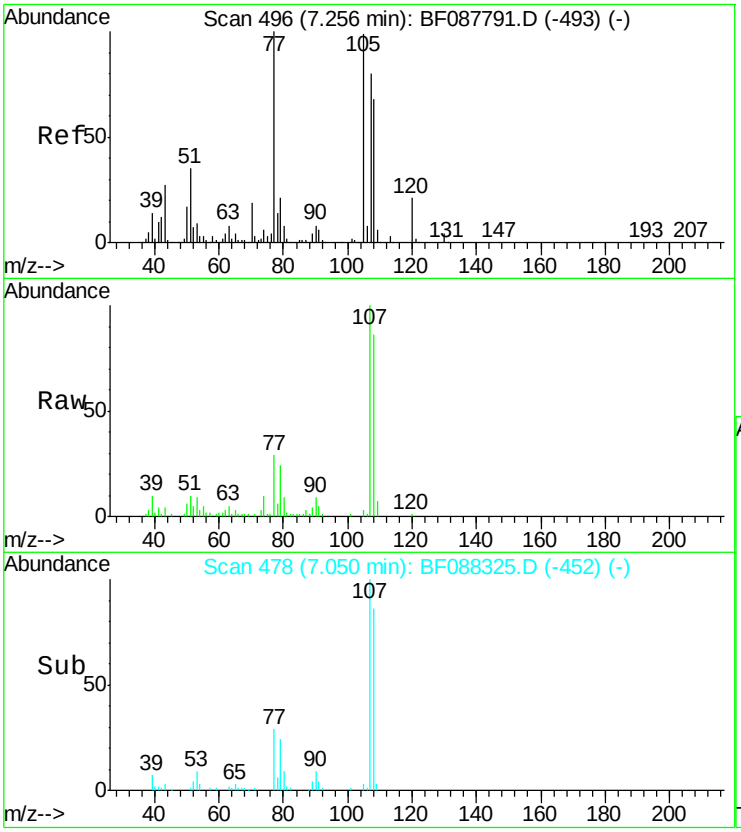


#17
2-Methylphenol
Concen: 6.06 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:107 Resp: 25363

Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.9	136.3
77	40.4	36.6	55.0
79	41.2	36.5	54.7

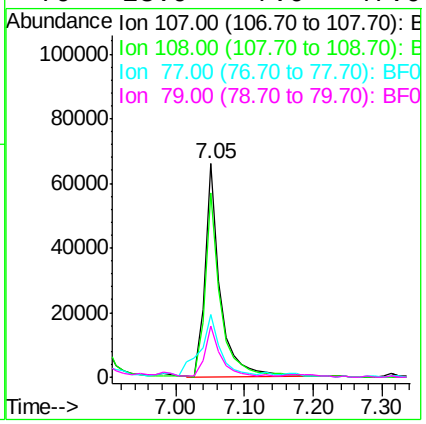




#20
3+4-Methylphenols
Concen: 20.83 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:107 Resp: 101733

Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.8	107.8
77	29.5	59.3	99.3#
79	23.9	7.0	47.0



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

Manual Integrations APPROVED
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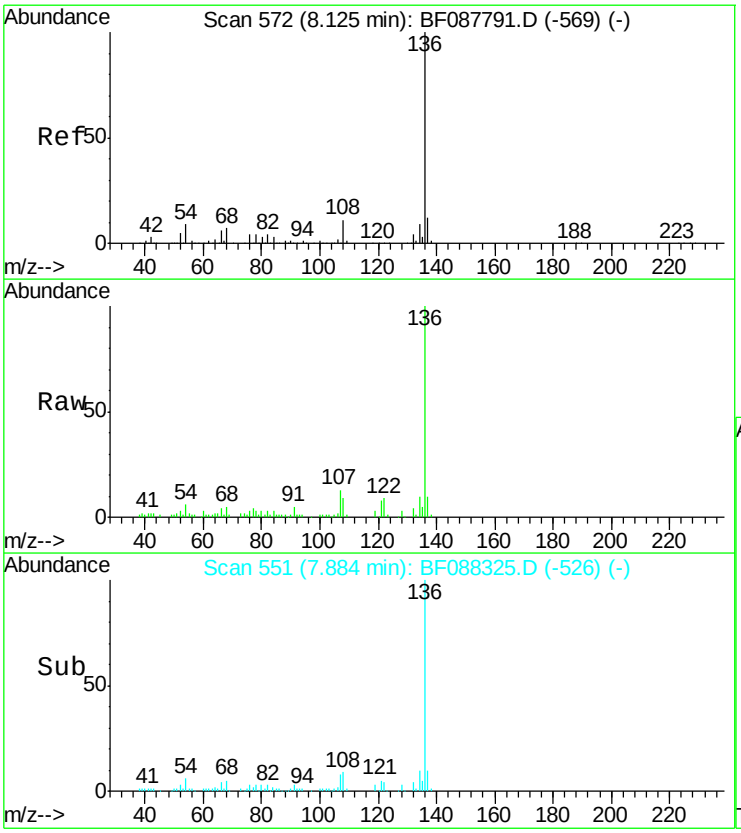
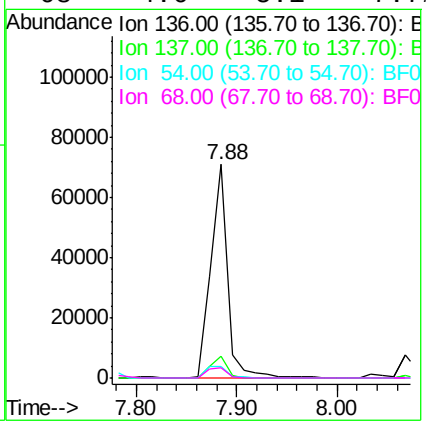
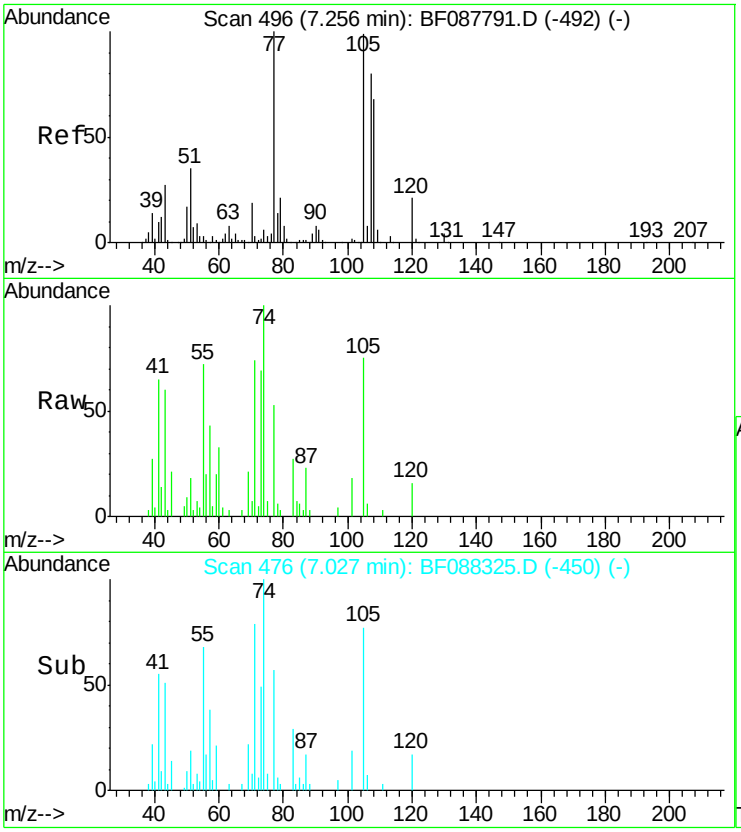


#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:136 Resp: 81951

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.5	6.6	10.0#
68	4.6	5.1	7.7#

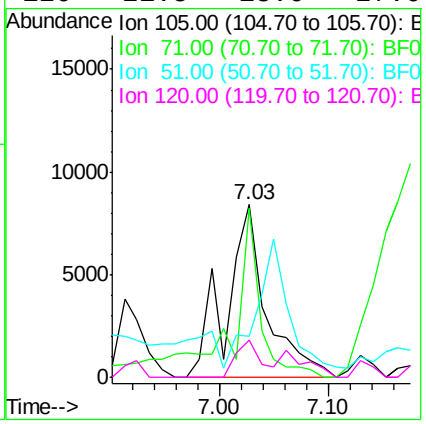




#22
Acetophenone
Concen: 2.93 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:105 Resp: 21456

Ion	Ratio	Lower	Upper
105	100		
71	98.4	5.3	7.9#
51	24.1	18.2	27.4
120	21.5	18.0	27.0



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

Manual Integrations APPROVED
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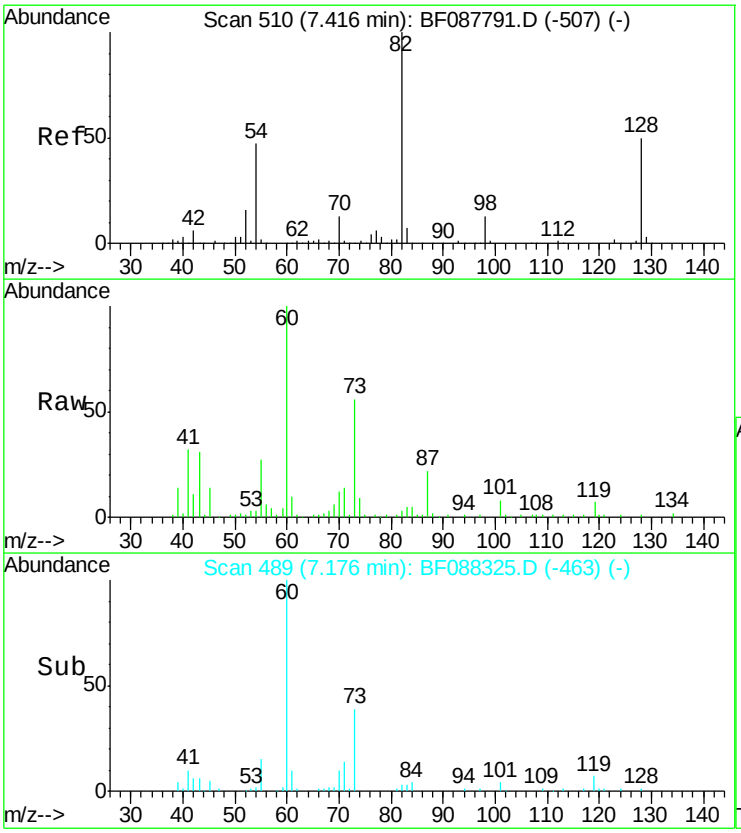
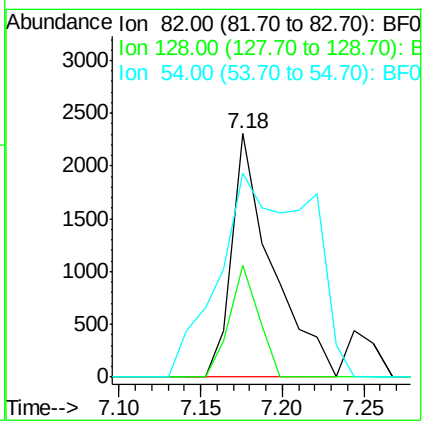
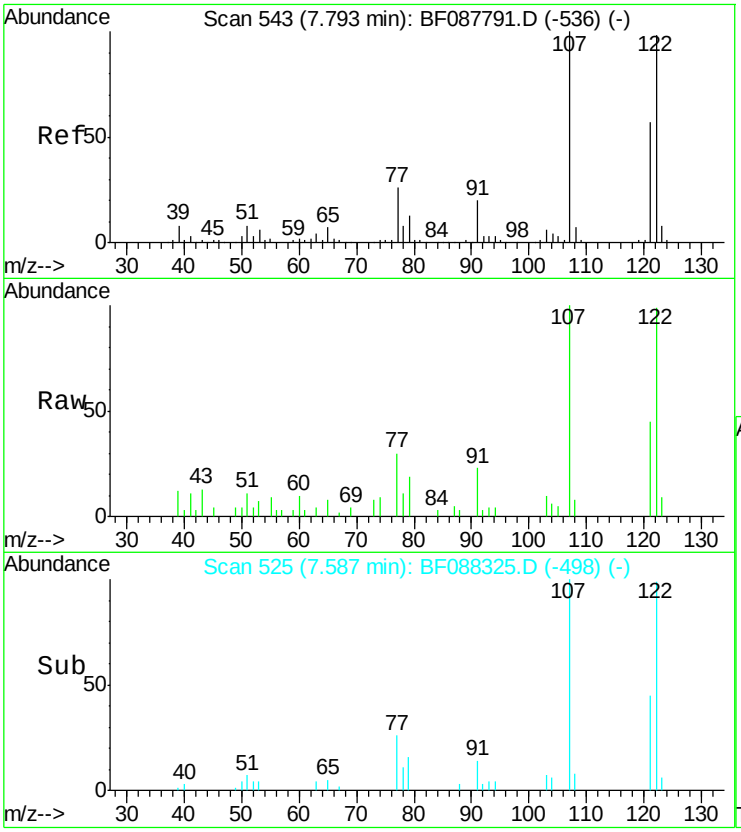


#23
Nitrobenzene-d5
Concen: 0.70 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion: 82 Resp: 3933

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.9	53.9
54	83.6	40.9	61.3#

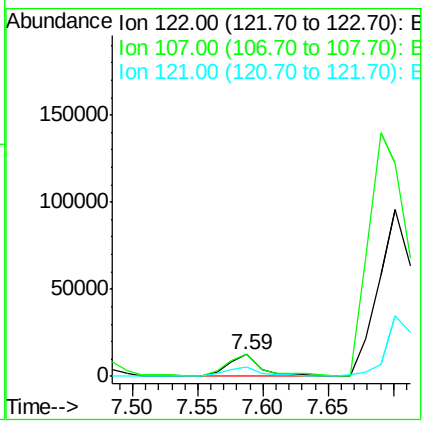




#27
2,4-Dimethylphenol
Concen: 4.05 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:122 Resp: 21733

Ion	Ratio	Lower	Upper
122	100		
107	100.9	82.4	123.6
121	45.6	46.3	69.5#



Instrument :
BNA_F
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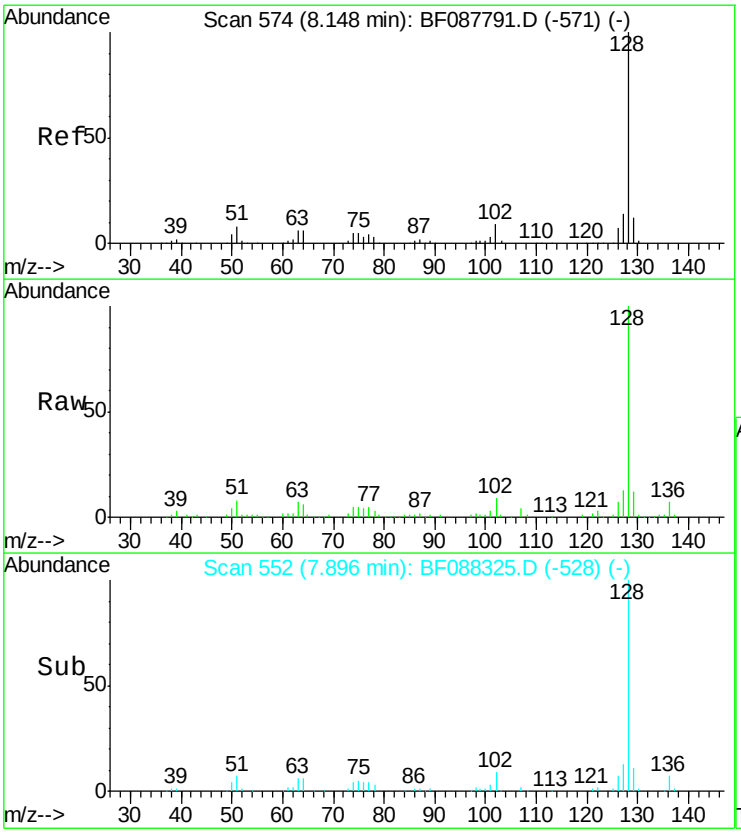
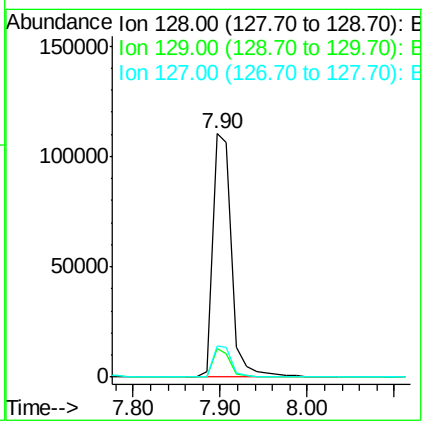
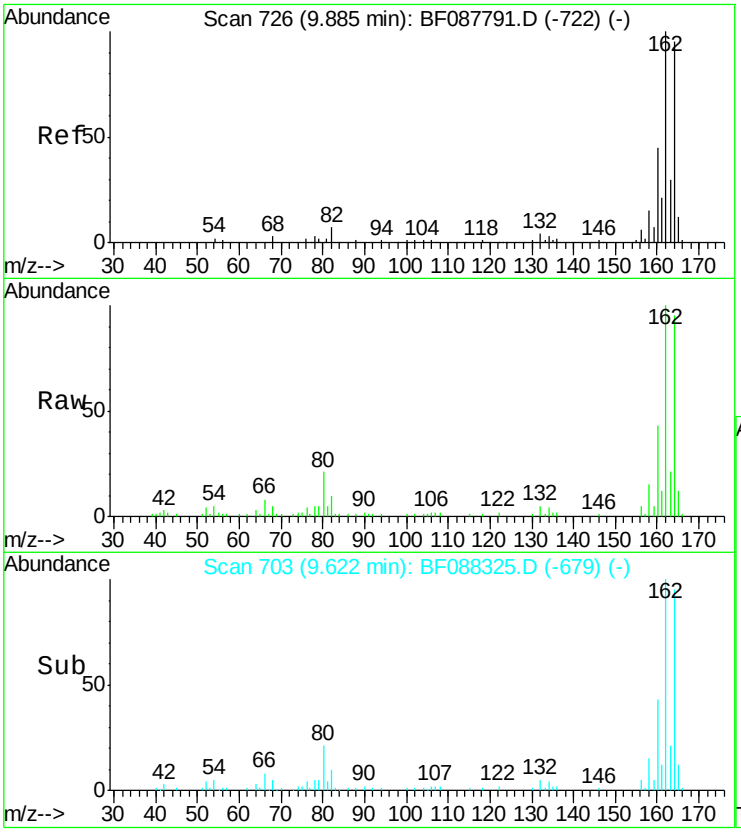


#31
Naphthalene
Concen: 10.38 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:128 Resp: 168393

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	12.6	10.9	16.3

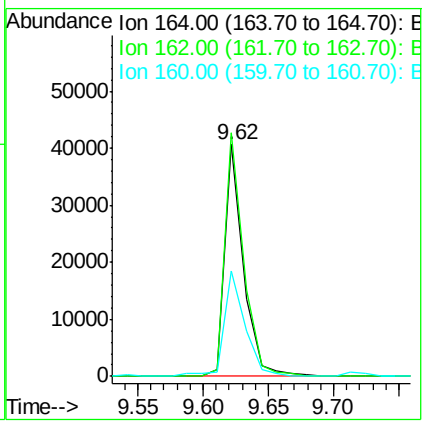




#38
Acenaphthene-d10
Concen: 5.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:164 Resp: 40584

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	45.4	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

Manual Integrations APPROVED
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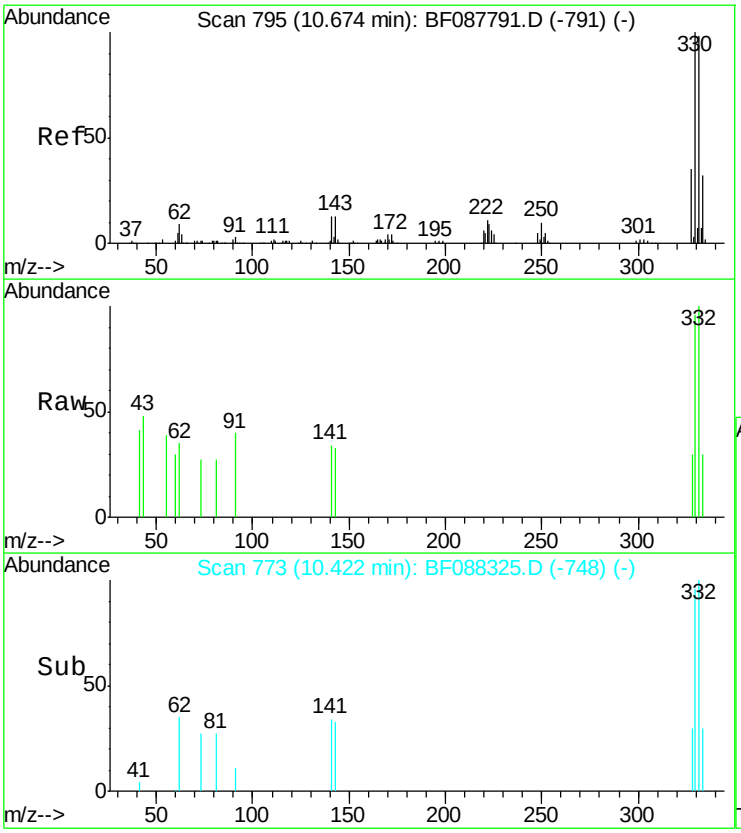
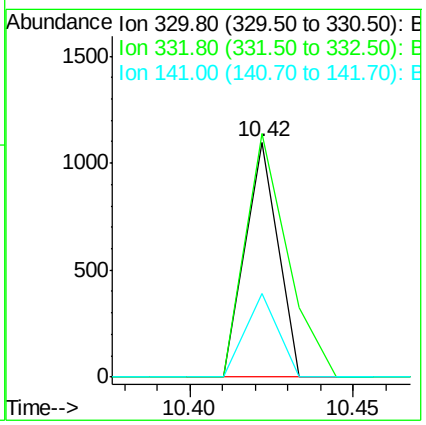
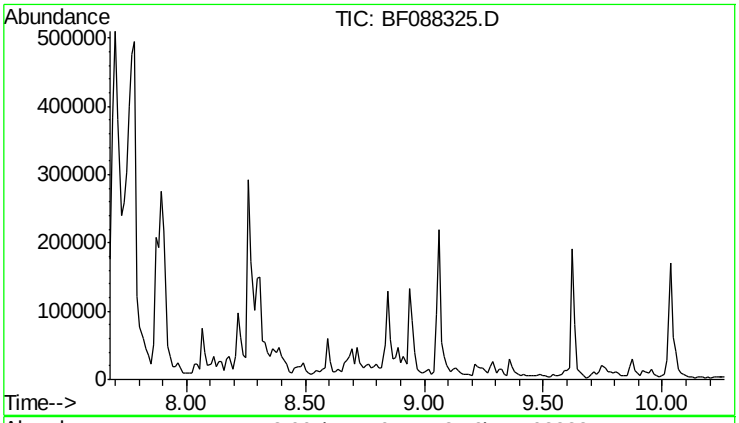


#41
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:330 Resp: 752

Ion	Ratio	Lower	Upper
330	100		
332	133.4	0.0	0.0#
141	35.5	0.0	0.0#





#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 8.97 min

Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.8
170	24.0

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

Manual Integrations APPROVED
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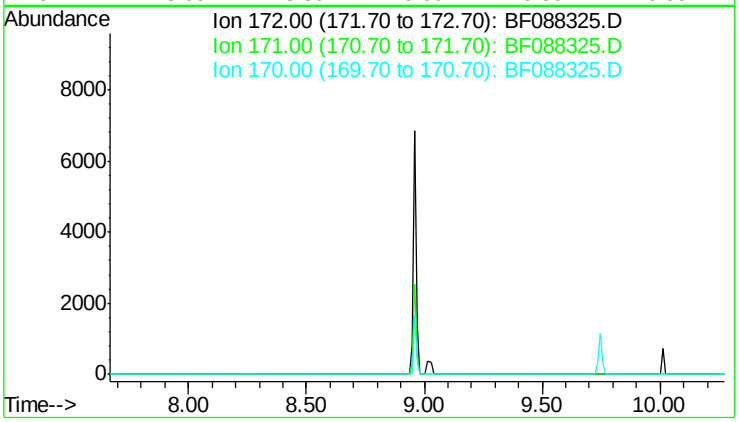
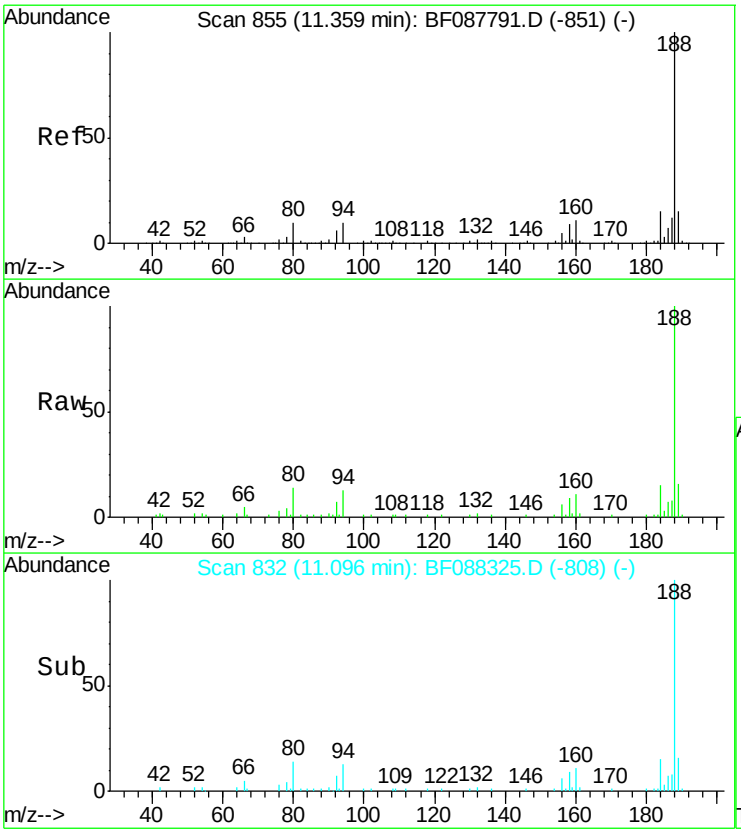
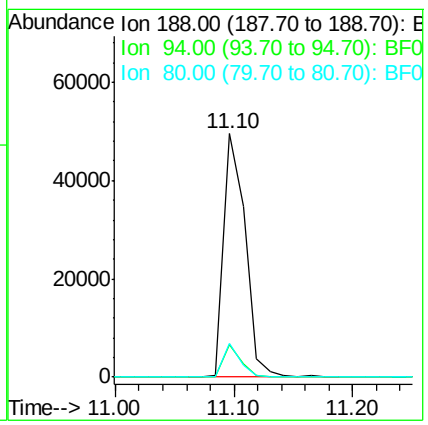


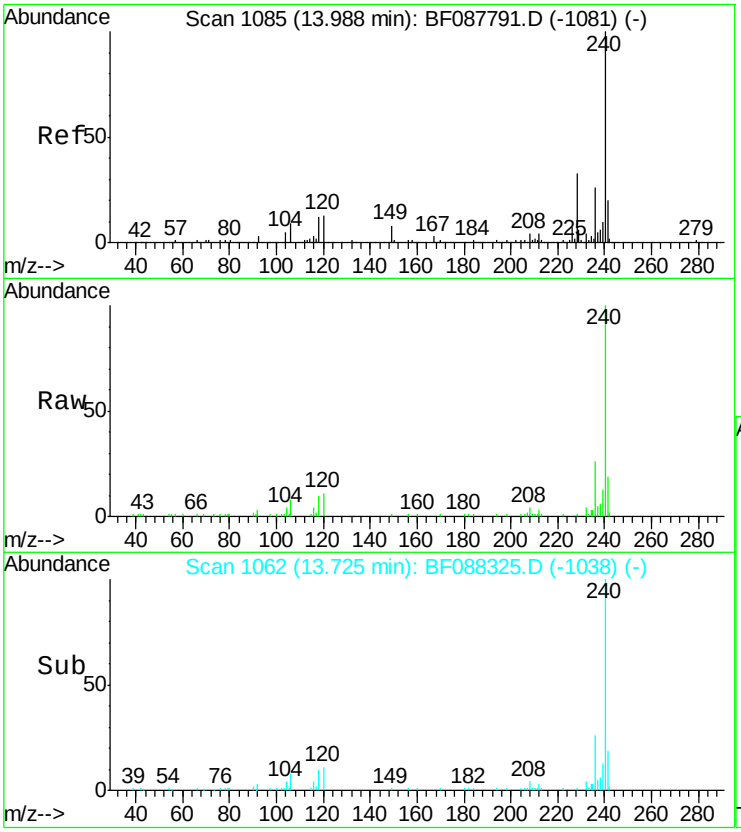


#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:188 Resp: 61675

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.0	13.6
80	13.8	10.0	15.0





#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:240 Resp: 45947

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.8	10.2#
236	25.5	20.2	30.2

Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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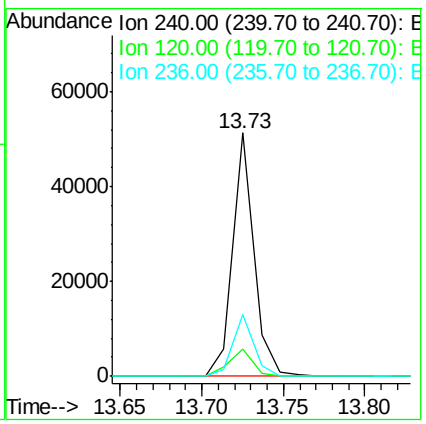
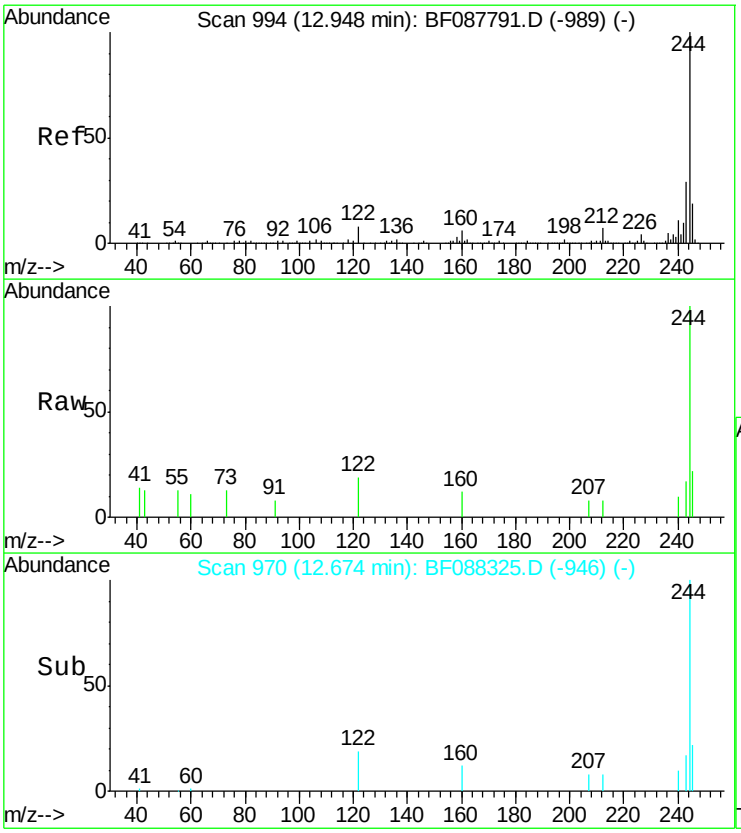
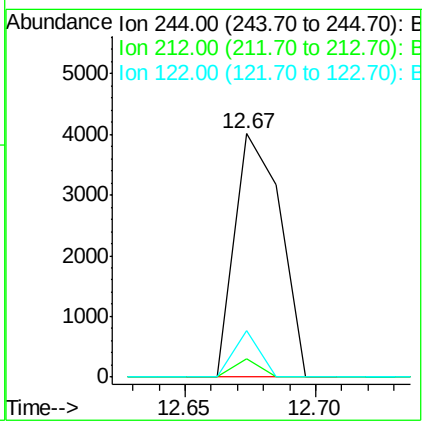


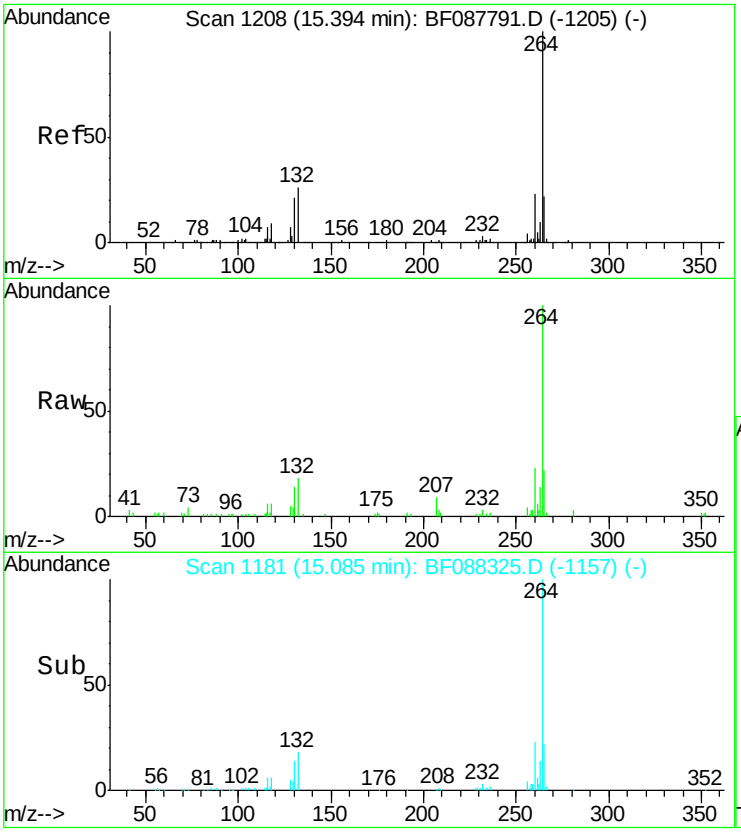


#78
Terphenyl-d14
Concen: 0.61 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:244 Resp: 4925

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	19.2	11.2	16.8#

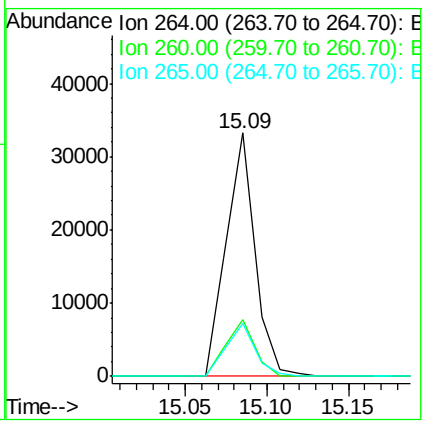




#86
Perylene-d12
Concen: 5.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF088325.D
Acq: 24 Jun 2016 9:59

Tgt Ion:264 Resp: 40536

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
LF001MW001-160512DL

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