Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088915.D
Acq On : 11 Jul 2016 22:49
Operator : UM/SJ
Sample : H3921-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B3(0-5)C

Manual Integrations APPROVED
sohil
7/12/2016 7:35:09 PM

Quant Time: Jul 12 03:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61680	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	255204	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	100399	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	161888	20.00	ng		0.00
75) Chrysene-d12	13.84	240	128985	20.00	ng		-0.01
86) Perylene-d12	15.21	264	115992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	510381	124.01	ng		0.02
7) Phenol-d6	6.35	99	619902	116.57	ng		0.00
23) Nitrobenzene-d5	7.28	82	388288	79.73	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	109321	117.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	557603	87.73	ng		0.00
78) Terphenyl-d14	12.80	244	402372	69.48	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.48	93	477	0.06	ng	#	1
9) Benzaldehyde	6.35	77	803	0.22	ng	#	1
10) Phenol	6.36	94	4461	0.74	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	477	0.11	ng	#	1
15) Benzyl Alcohol	6.87	79	6797	1.74	ng	#	44
17) 2-Methylphenol	6.86	107	248	0.07	ng	#	1
22) Acetophenone	7.12	105	207	0.03	ng	#	57
24) Nitrobenzene	7.28	77	1184	0.24	ng	#	29
31) Naphthalene	8.02	128	1642	0.13	ng	#	68
37) 2-Methylnaphthalene	8.71	142	674	0.08	ng	#	91
45) 1,1'-Biphenyl	9.07	154	839	0.10	ng	#	1
47) 2-Nitroaniline	9.46	65	763	0.33	ng	#	1
48) Acenaphthylene	9.60	152	2460	0.24	ng	#	84
49) Dimethylphthalate	9.47	163	79364	11.10	ng		98
50) 2,6-Dinitrotoluene	9.47	165	783	0.49	ng	#	15
51) Acenaphthene	9.77	154	942	0.15	ng	#	91
54) Dibenzofuran	9.94	168	895	0.11	ng	#	78
55) 4-Nitrophenol	9.94	139	268	0.18	ng	#	5
57) Fluorene	10.28	166	1009	0.16	ng	#	89
59) Diethylphthalate	10.17	149	238	0.03	ng	#	60
62) Azobenzene	10.52	77	589	0.07	ng	#	18
65) n-Nitrosodiphenylamine	10.52	169	3681	0.67	ng	#	48
70) Phenanthrene	11.24	178	21779	2.46	ng		98
71) Anthracene	11.29	178	4343	0.49	ng		96
72) Carbazole	11.45	167	2986	0.36	ng		97
73) Di-n-butylphthalate	11.79	149	1400	0.15	ng	#	77
74) Fluoranthene	12.42	202	49586	5.53	ng		98
76) Benzidine	12.68	184	333	0.05	ng	#	1
77) Pyrene	12.65	202	42681	3.90	ng		97
79) Butylbenzylphthalate	13.28	149	481	0.10	ng	#	59
80) Benzo(a)anthracene	13.83	228	26329	3.17	ng		92
82) Chrysene	13.86	228	20468m	2.49	ng		
83) Bis(2-ethylhexyl)phthalate	13.84	149	19724	3.54	ng	#	99
84) Di-n-octyl phthalate	14.49	149	24809	2.62	ng	#	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088915.D
Acq On : 11 Jul 2016 22:49
Operator : UM/SJ
Sample : H3921-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations APPROVED
sohil
7/12/2016 7:35:09 PM

Quant Time: Jul 12 03:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
85) Indeno(1,2,3-cd)pyrene	16.49	276	12108	1.92	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	28439m	3.91	ng		
89) Benzo(a)pyrene	15.15	252	17908	2.91	ng		97
90) Dibenzo(a,h)anthracene	16.50	278	3673	0.71	ng	#	81
91) Benzo(g,h,i)perylene	16.88	276	11195	2.10	ng		96

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

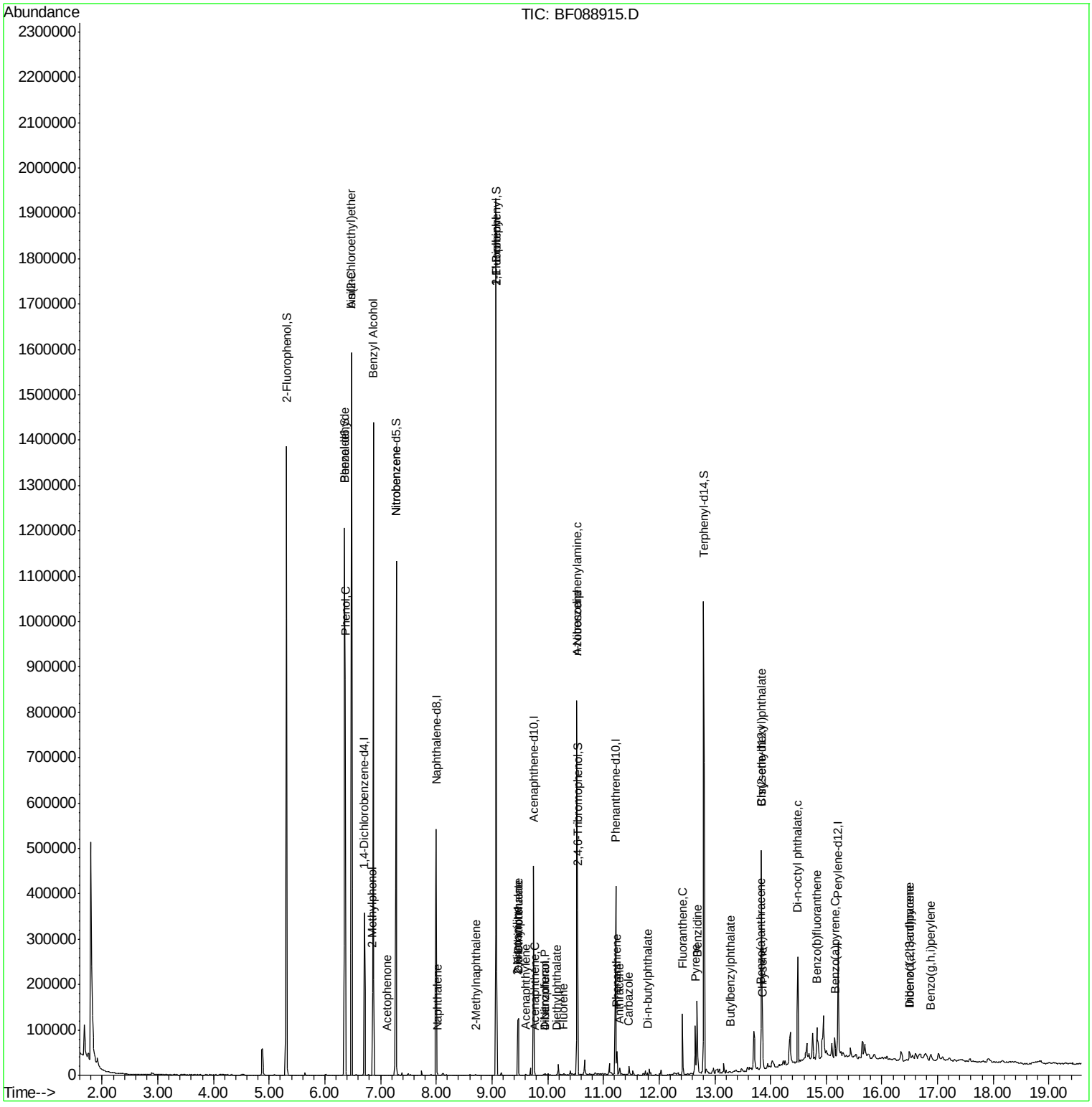
Quantitation Report (LSC Reviewed)

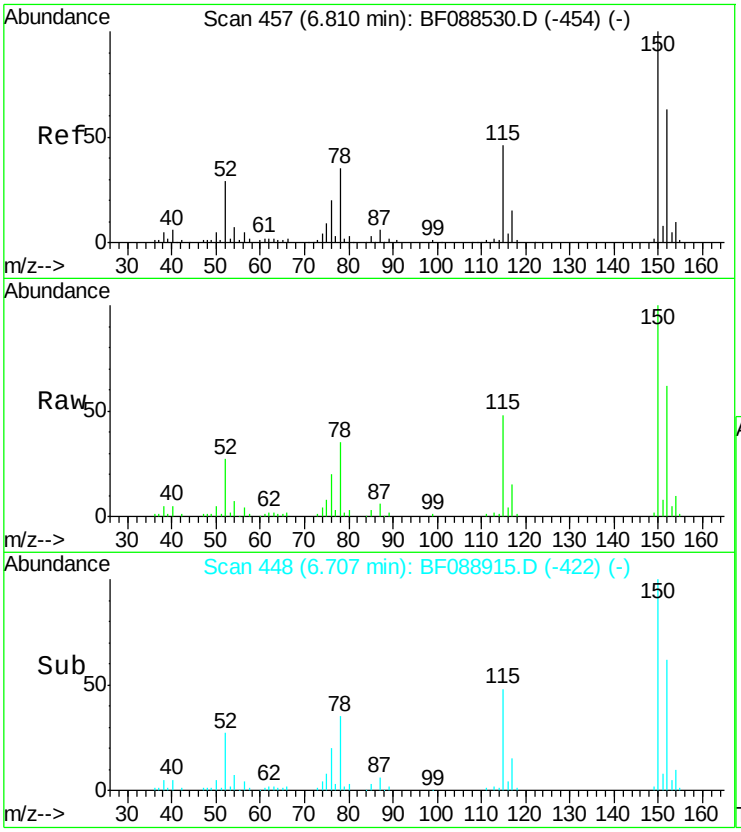
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088915.D
Acq On : 11 Jul 2016 22:49
Operator : UM/SJ
Sample : H3921-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 12 03:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

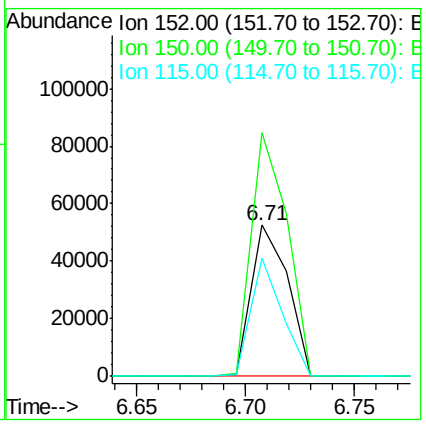




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

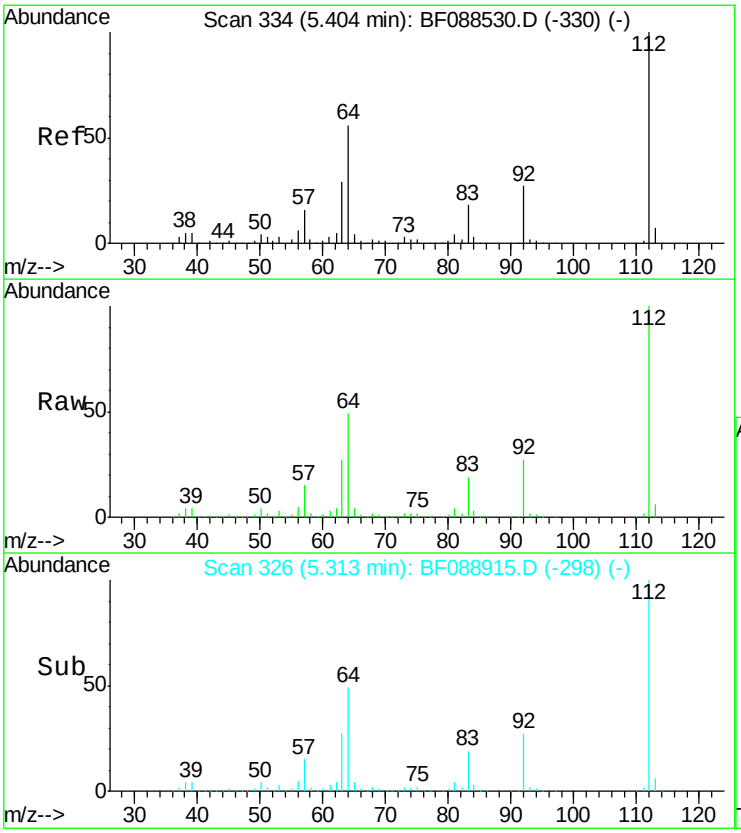
Tgt Ion:152 Resp: 61680

Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	77.7	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

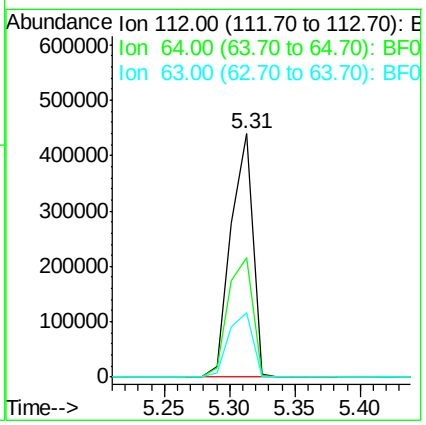
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

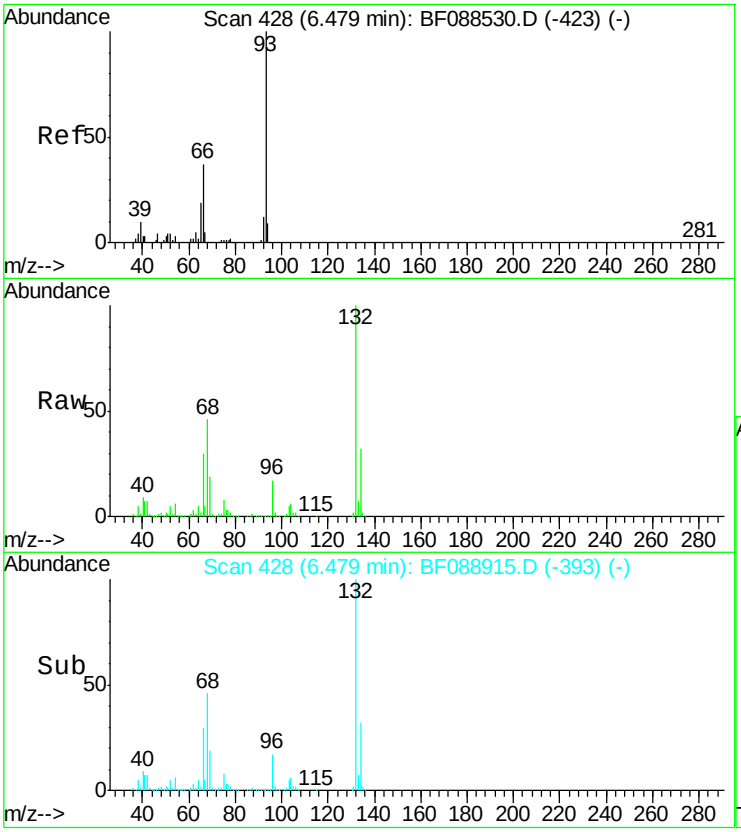


#5
2-Fluorophenol
Concen: 124.01 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:112 Resp: 510381

Ion	Ratio	Lower	Upper
112	100		
64	49.0	42.2	63.2
63	26.6	21.8	32.8





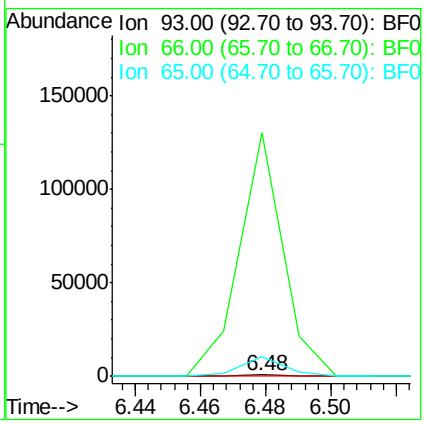
#6
Aniline
Concen: 0.06 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.10 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

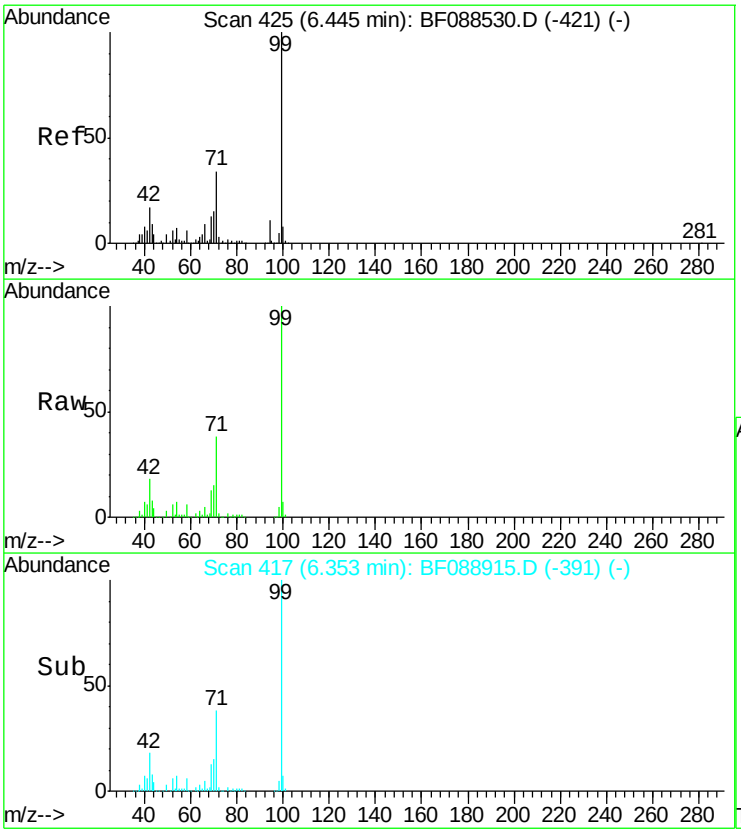
Tgt Ion: 93 Resp: 477

Ion	Ratio	Lower	Upper
93	100		
66	18732.7	29.8	44.[illegible]
65	1537.0	14.9	22.3[illegible]

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

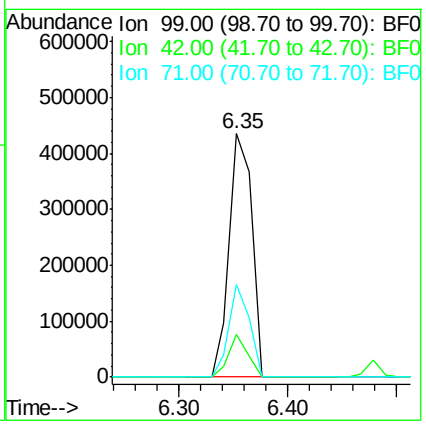


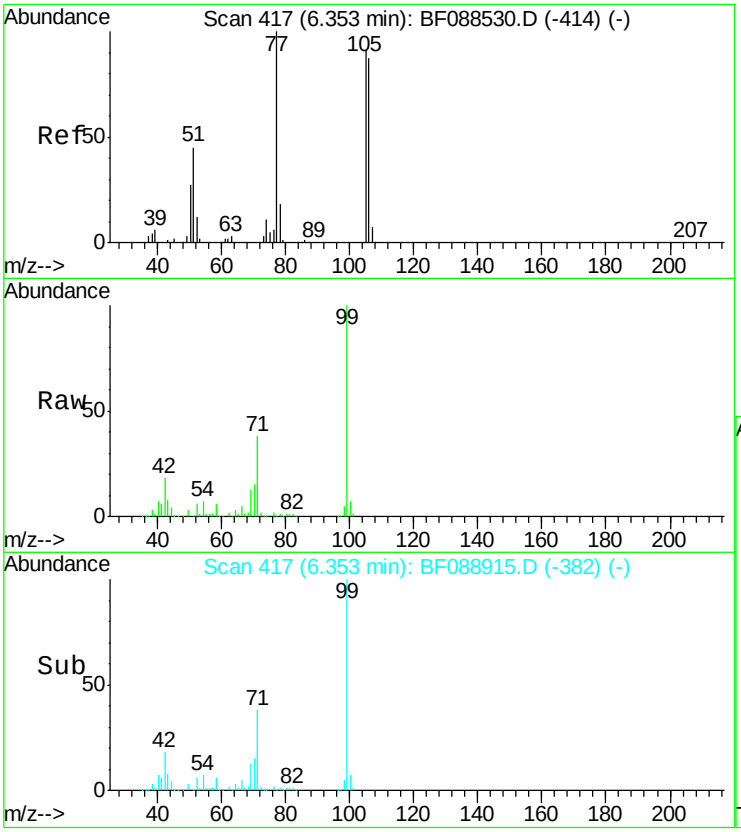


#7
Phenol-d6
Concen: 116.57 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 99 Resp: 619902

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	38.1	23.4	35.0#





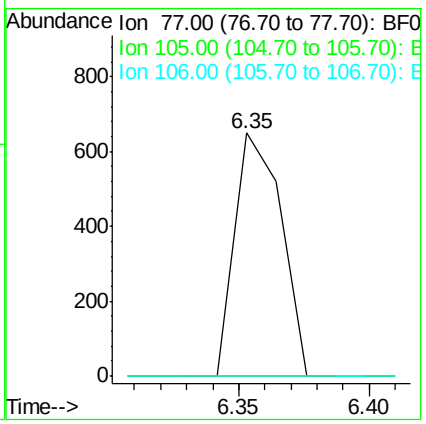
#9
Benzaldehyde
Concen: 0.22 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.10 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

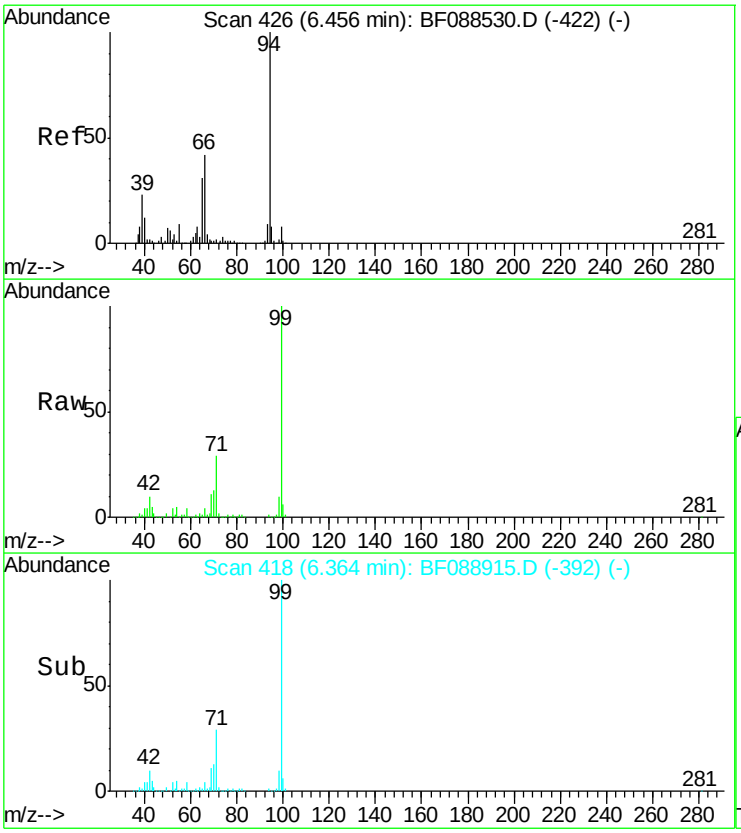
Tgt Ion: 77 Resp: 803

Ion	Ratio	Lower	Upper
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

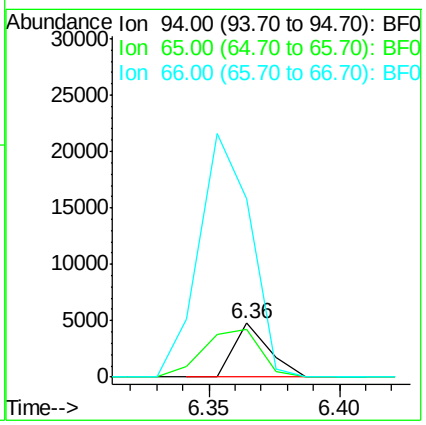


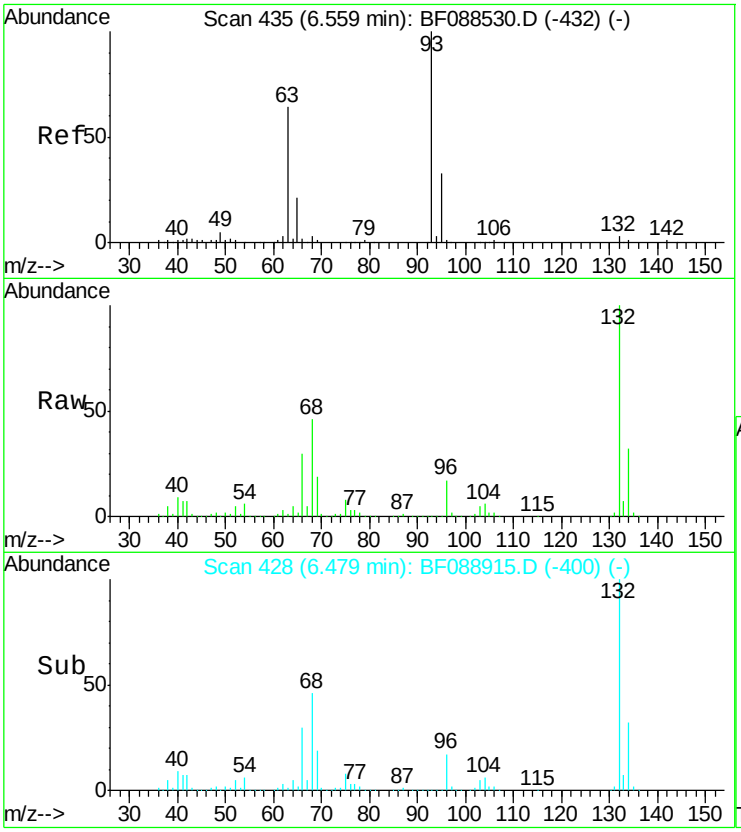


#10
Phenol
Concen: 0.74 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 94 Resp: 4461

Ion	Ratio	Lower	Upper
94	100		
65	88.9	5.9	45.9#
66	331.9	14.0	54.0#

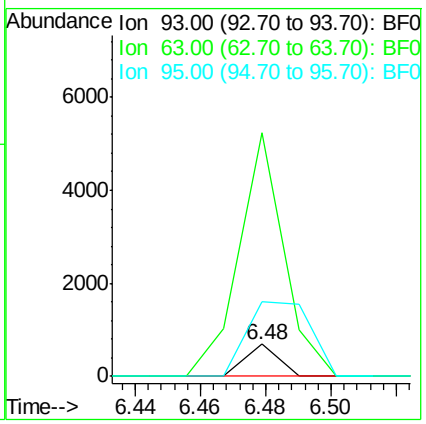




#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

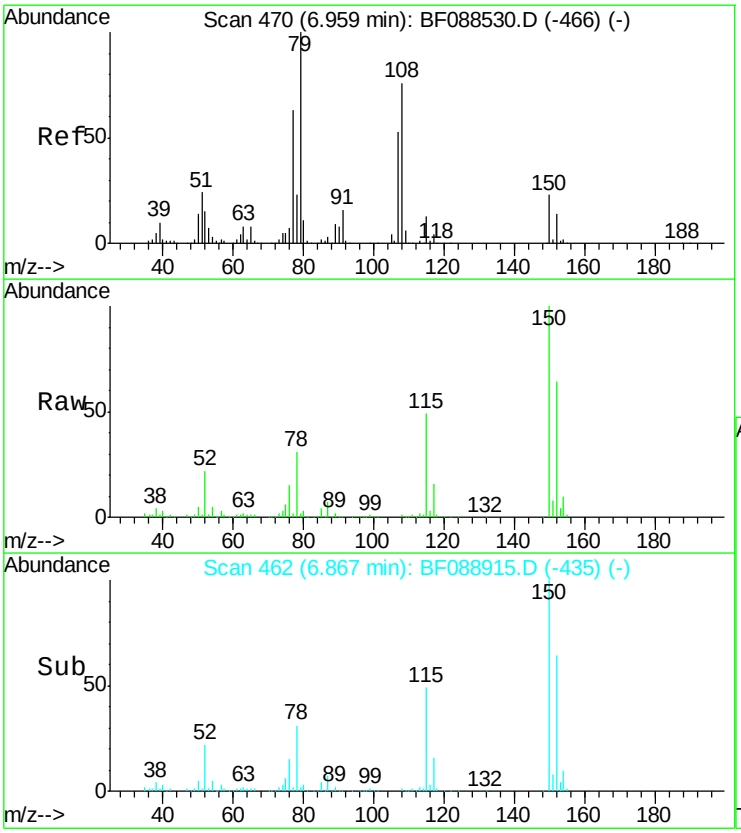
Tgt Ion: 93 Resp: 477

Ion	Ratio	Lower	Upper
93	100		
63	753.1	67.6	107.6#
95	231.7	12.5	52.5#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

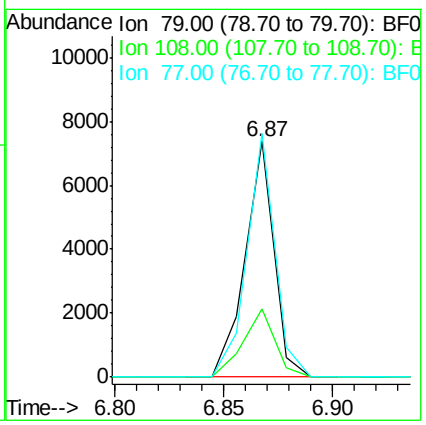
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

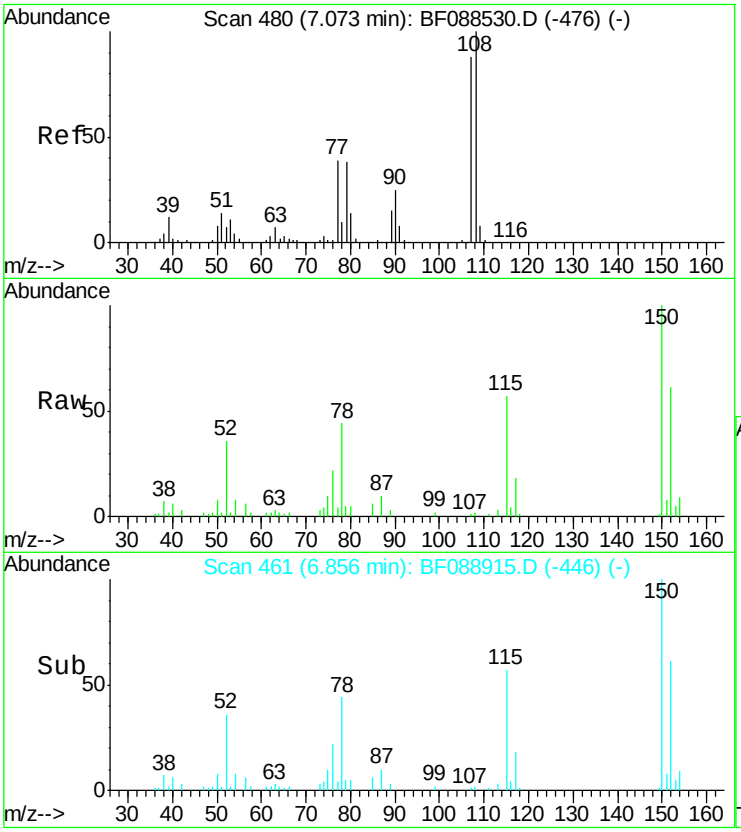


#15
Benzyl Alcohol
Concen: 1.74 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 79 Resp: 6797

Ion	Ratio	Lower	Upper
79	100		
108	28.7	65.0	97.6#
77	103.4	50.3	75.5#

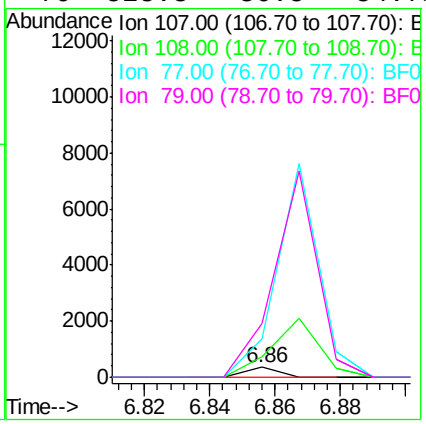




#17
2-Methylphenol
Concen: 0.07 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

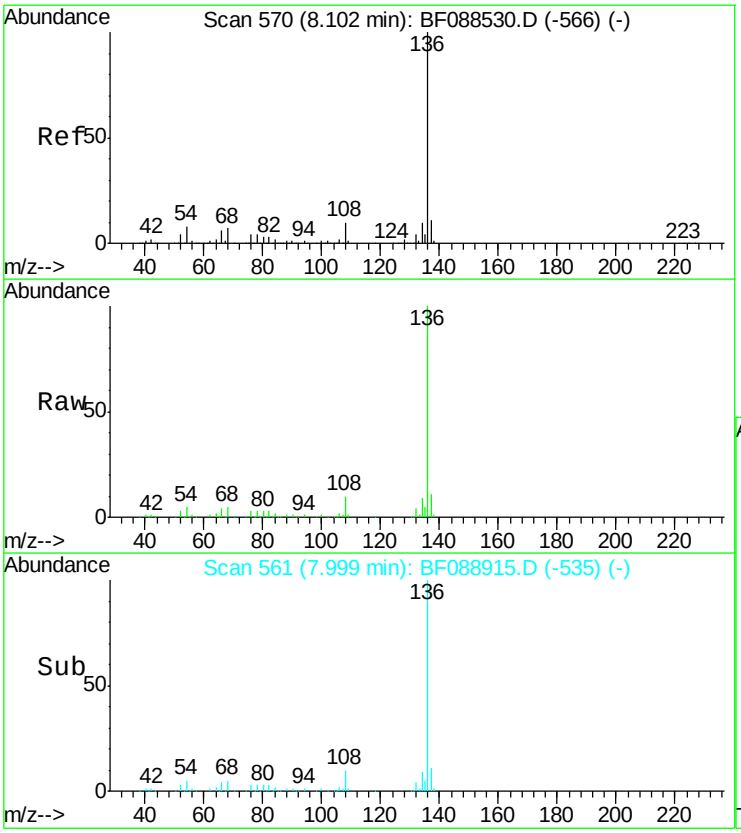
Tgt Ion:107 Resp: 248

Ion	Ratio	Lower	Upper
107	100		
108	204.4	90.9	136.3#
77	378.4	36.6	55.0#
79	528.3	36.5	54.7#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

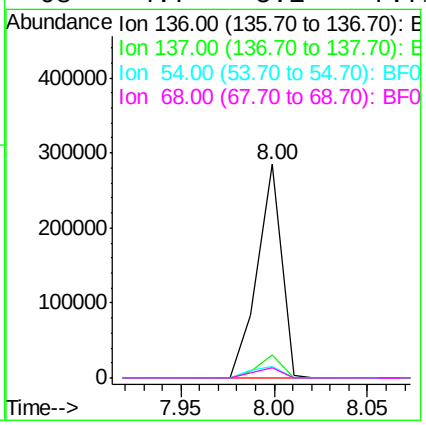
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

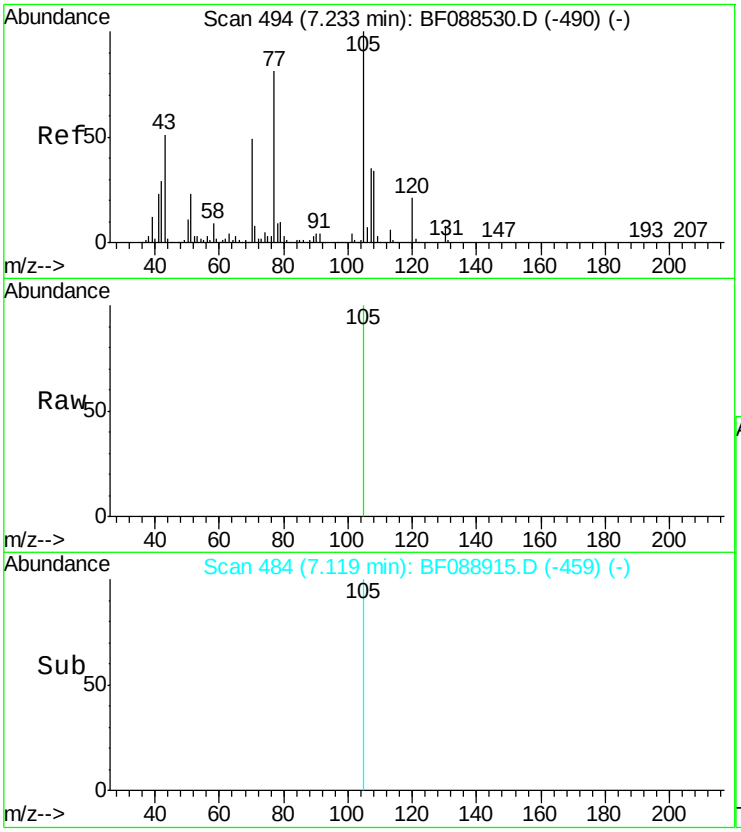


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:136 Resp: 255204

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.4	6.6	10.0#
68	4.7	5.1	7.7#

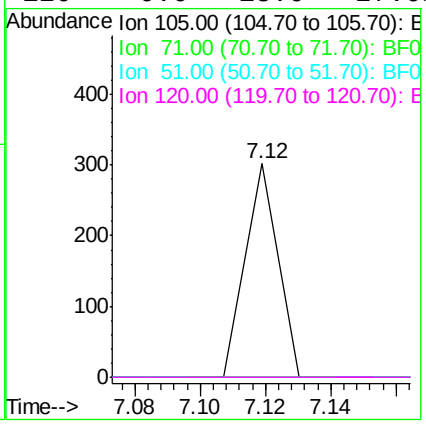




#22
Acetophenone
Concen: 0.03 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

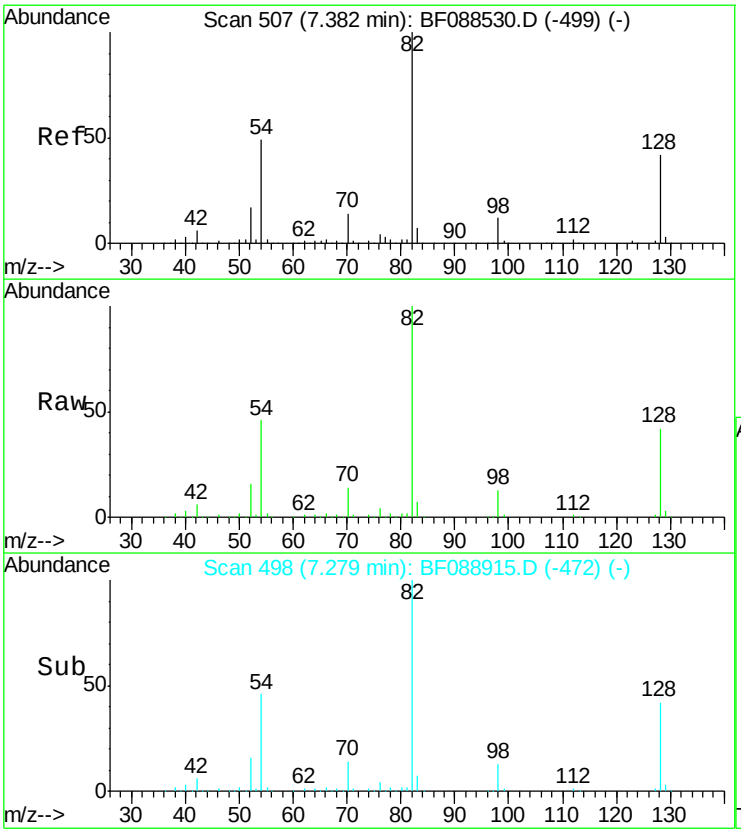
Tgt Ion:105 Resp: 207

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	0.0	18.2	27.4#
120	0.0	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

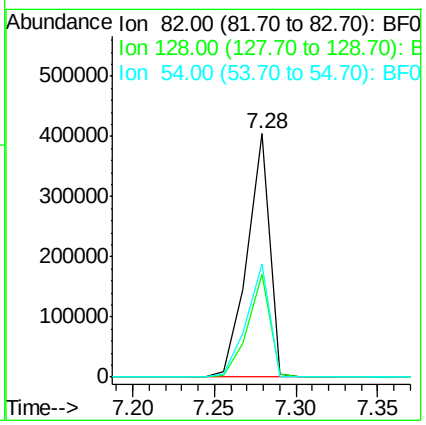
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

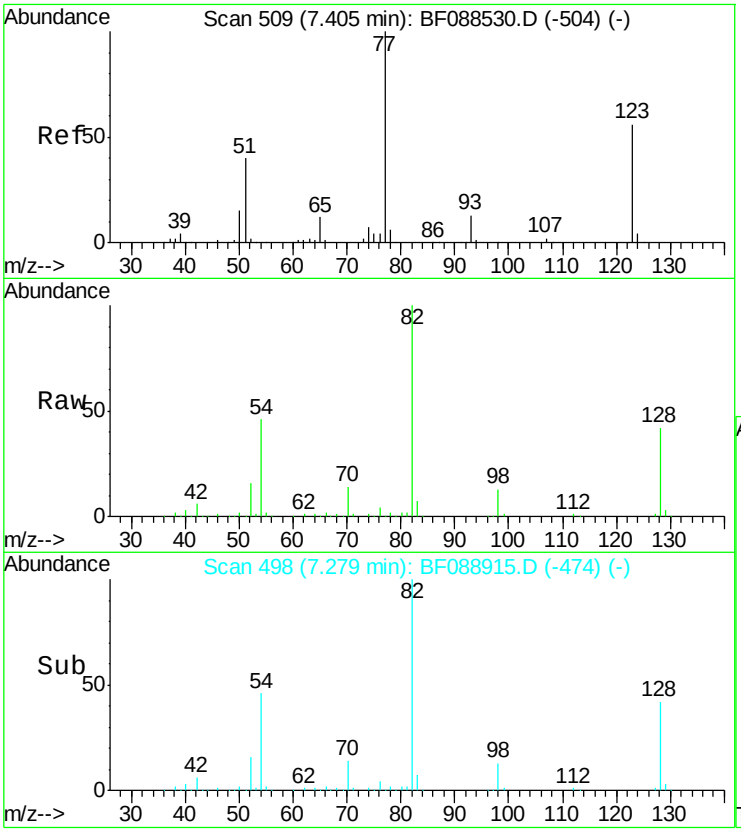


#23
Nitrobenzene-d5
Concen: 79.73 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 82 Resp: 388288

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.9	53.9
54	46.2	40.9	61.3

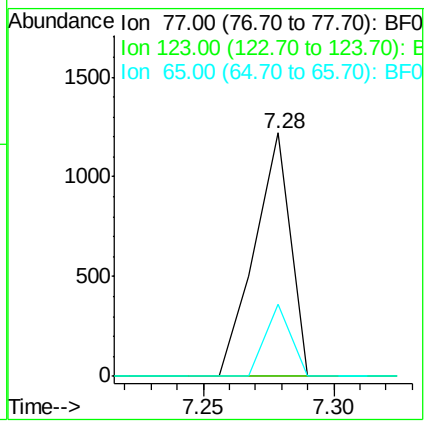




#24
Nitrobenzene
Concen: 0.24 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

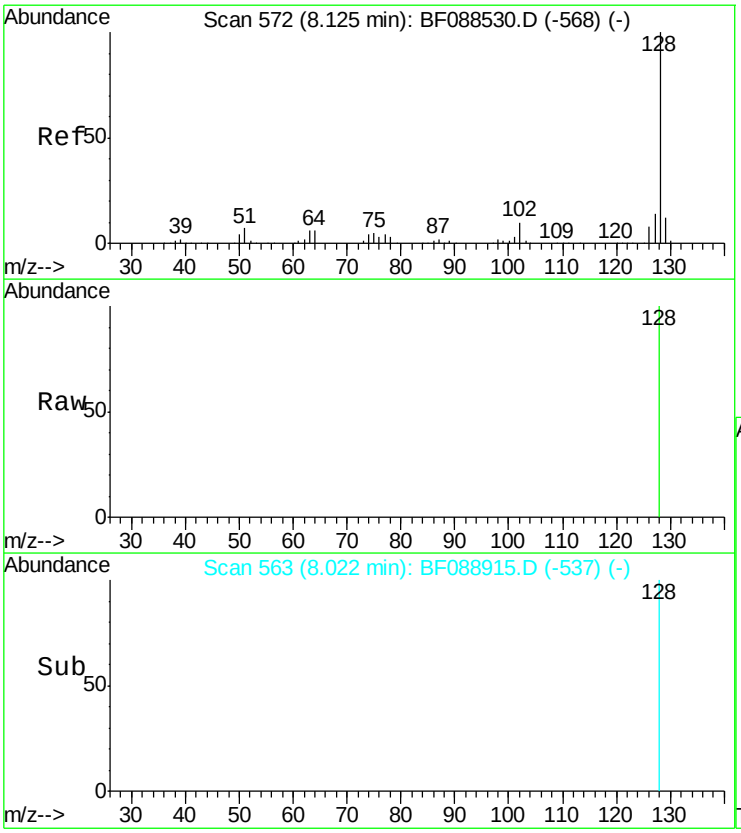
Tgt Ion: 77 Resp: 1184

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	29.7	10.2	15.2#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

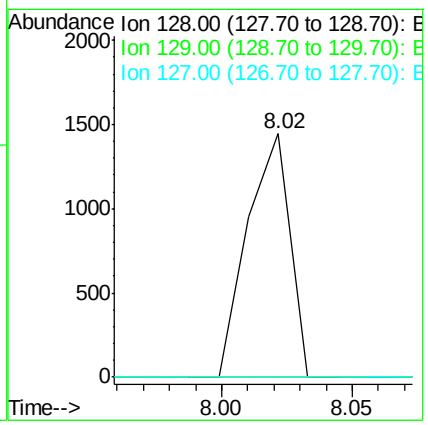
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

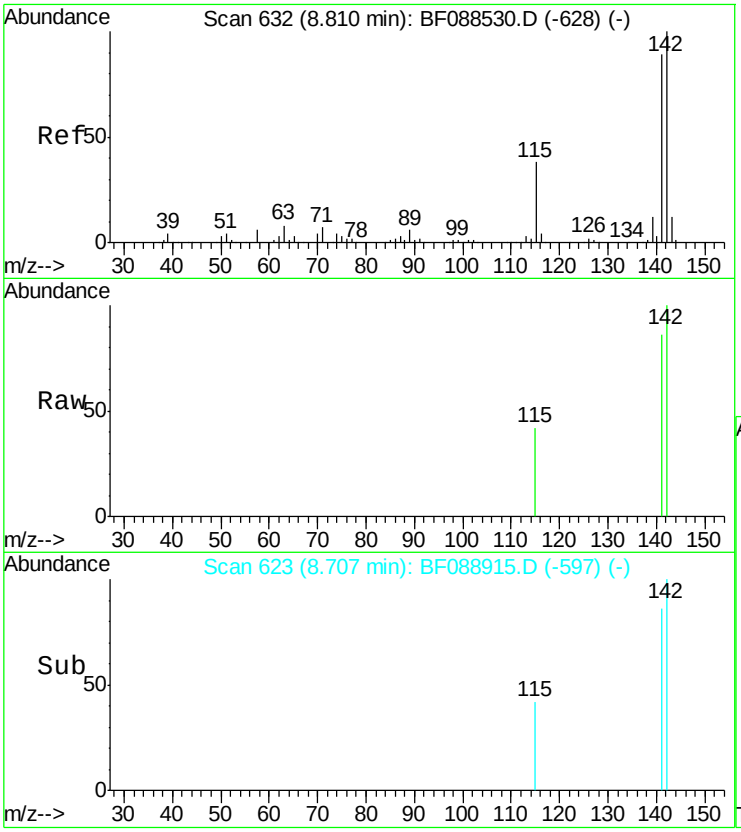


#31
Naphthalene
Concen: 0.13 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:128 Resp: 1642

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.2#
127	0.0	10.9	16.3#

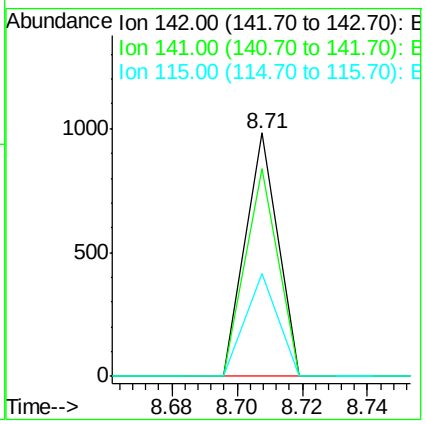




#37
2-Methylnaphthalene
Concen: 0.08 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

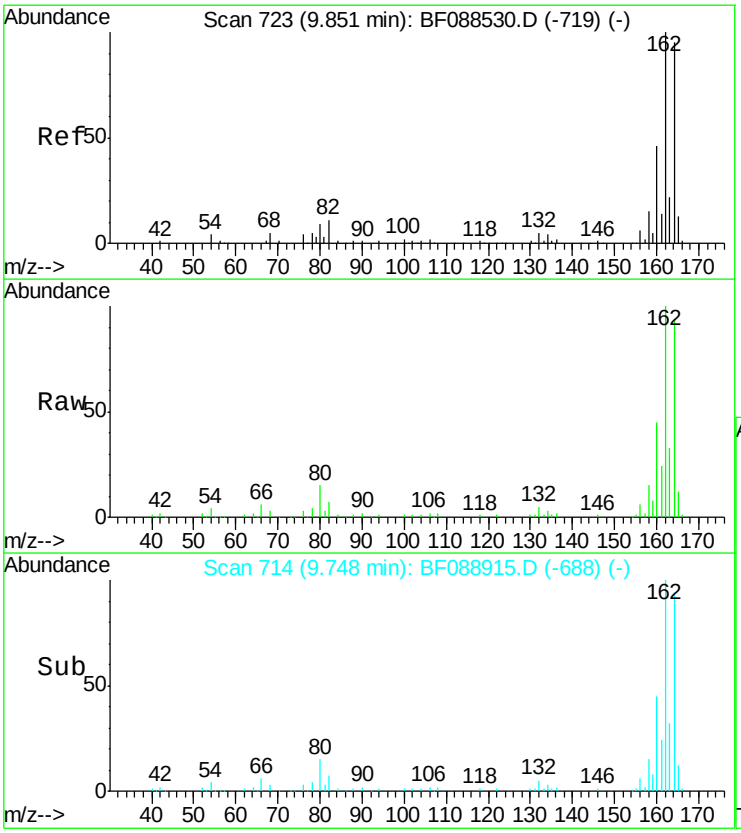
Tgt Ion:142 Resp: 674

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.0	106.6
115	42.2	22.6	33.8#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

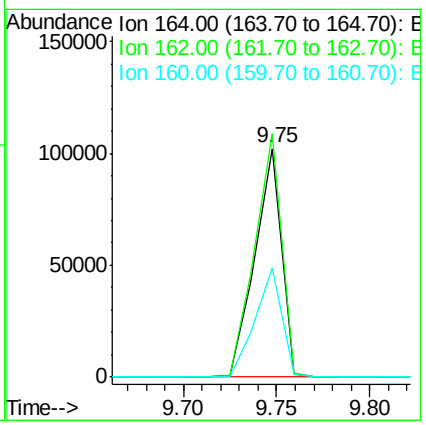
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

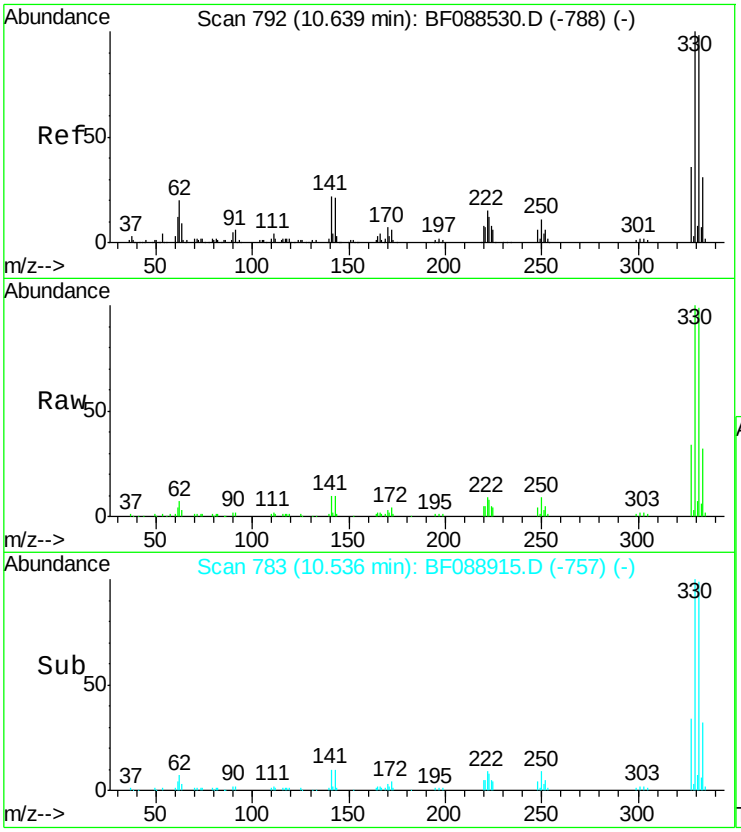


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:164 Resp: 100399

Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.4	128.2
160	47.8	39.5	59.3





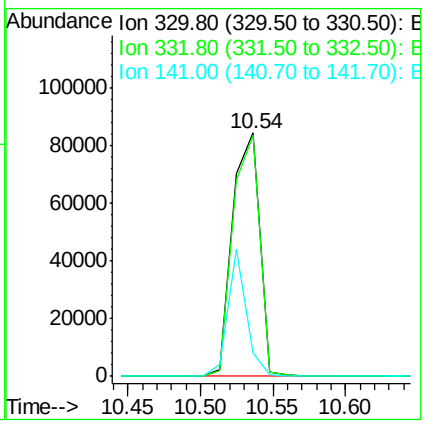
#41
2,4,6-Tribromophenol
Concen: 117.26 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

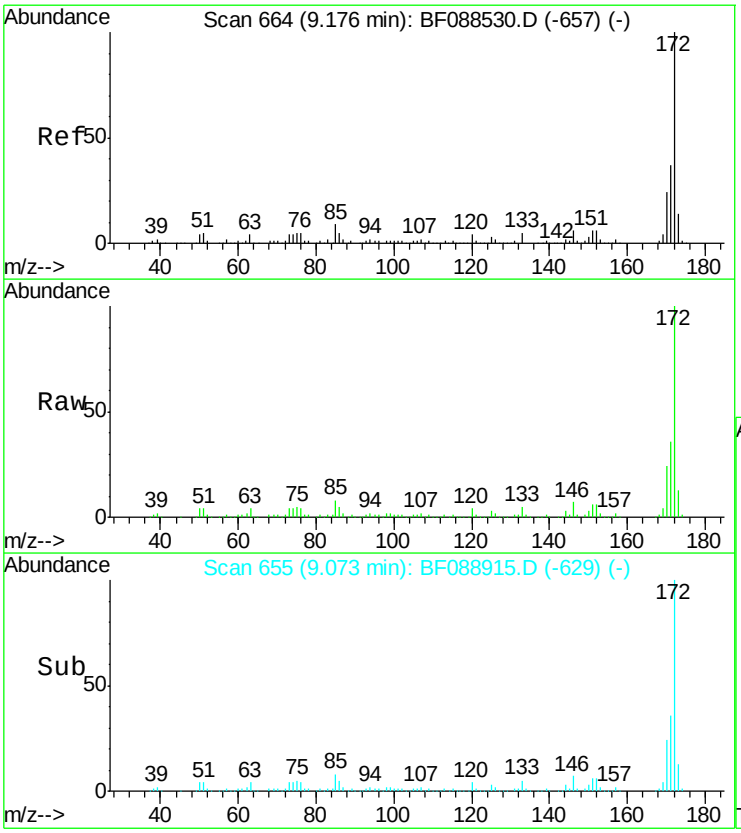
Tgt Ion:330 Resp: 109321

Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	35.9	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

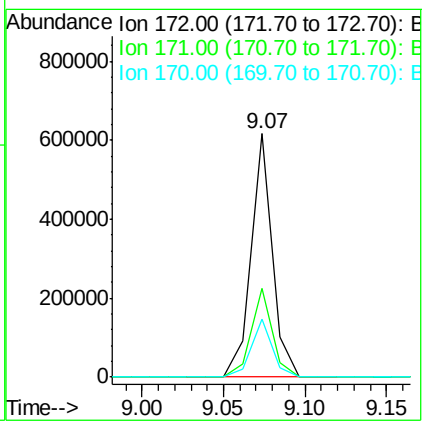


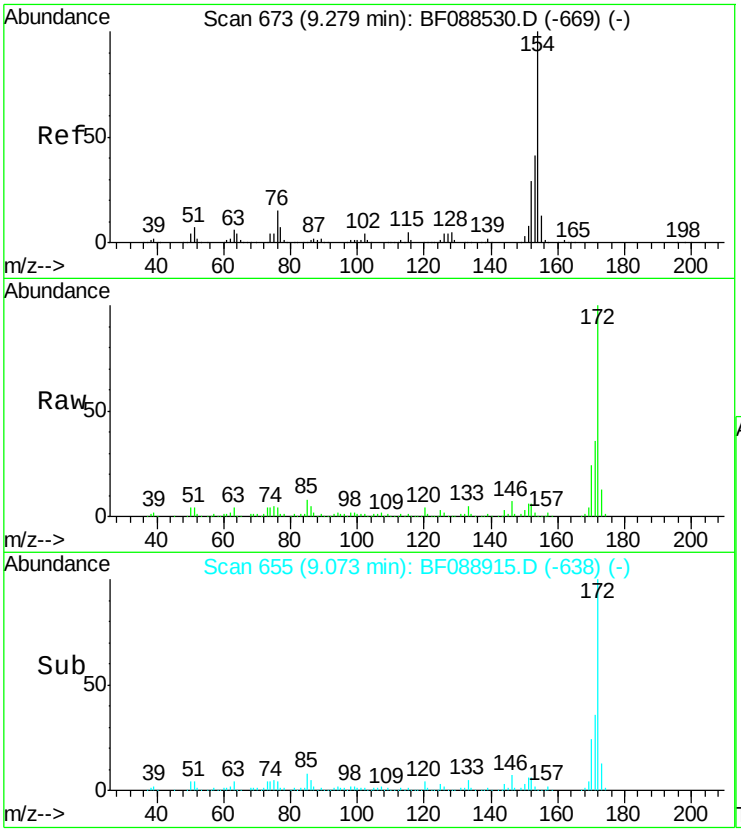


#44
2-Fluorobiphenyl
Concen: 87.73 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:172 Resp: 557603

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.2	28.8

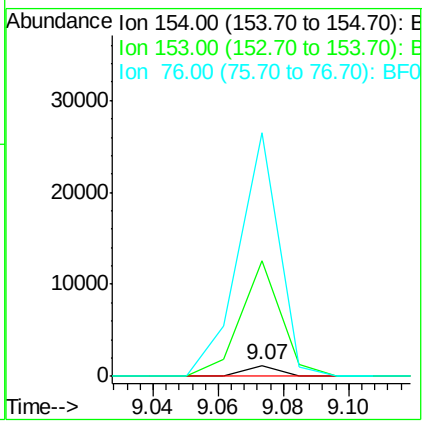




#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

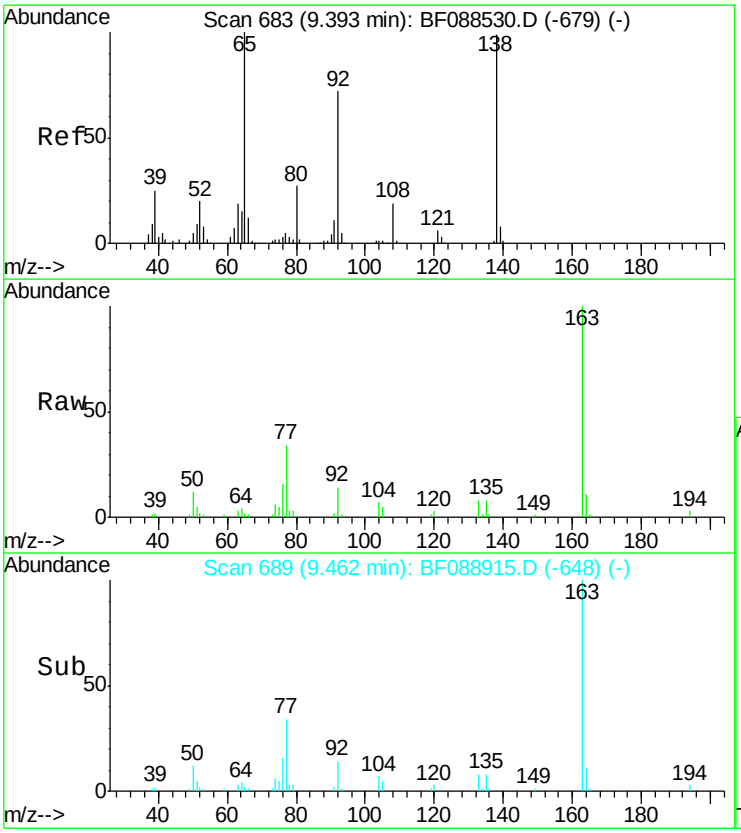
Tgt Ion:154 Resp: 839

Ion	Ratio	Lower	Upper
154	100		
153	1023.9	20.6	60.6#
76	2165.2	0.0	35.1#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

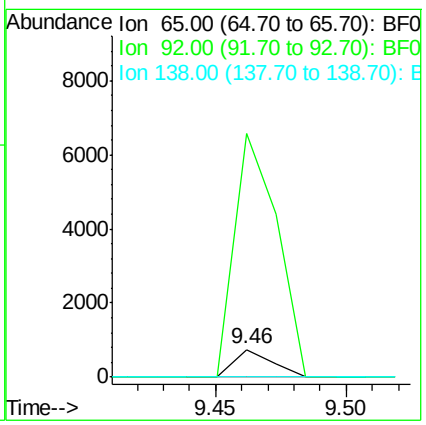
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

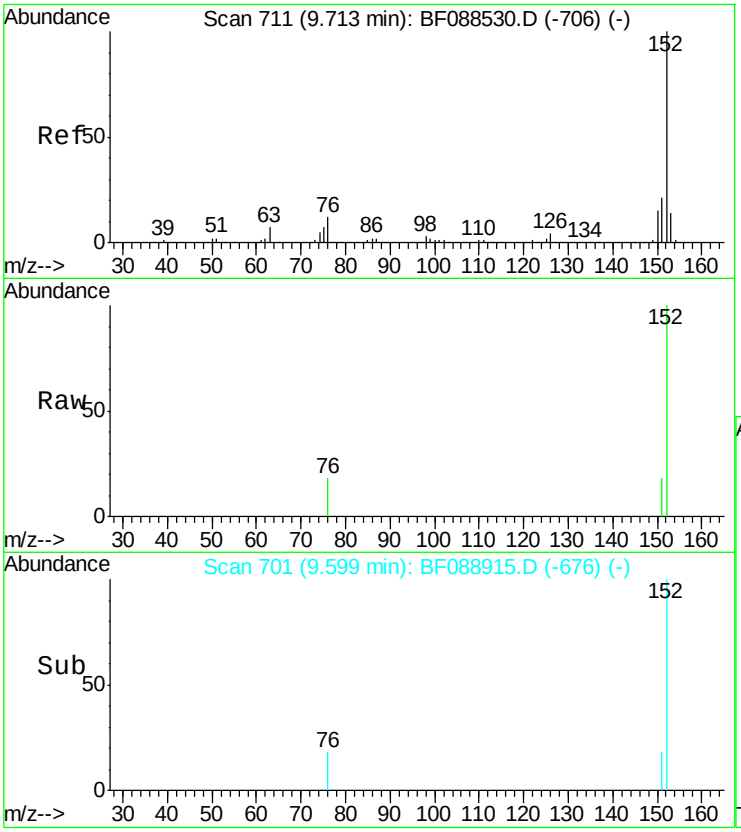


#47
2-Nitroaniline
Concen: 0.33 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion: 65 Resp: 763

Ion	Ratio	Lower	Upper
65	100		
92	889.9	54.6	82.0#
138	0.0	77.0	115.4#





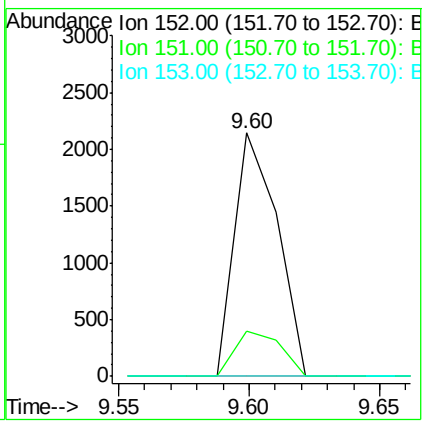
#48
Acenaphthylene
Concen: 0.24 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

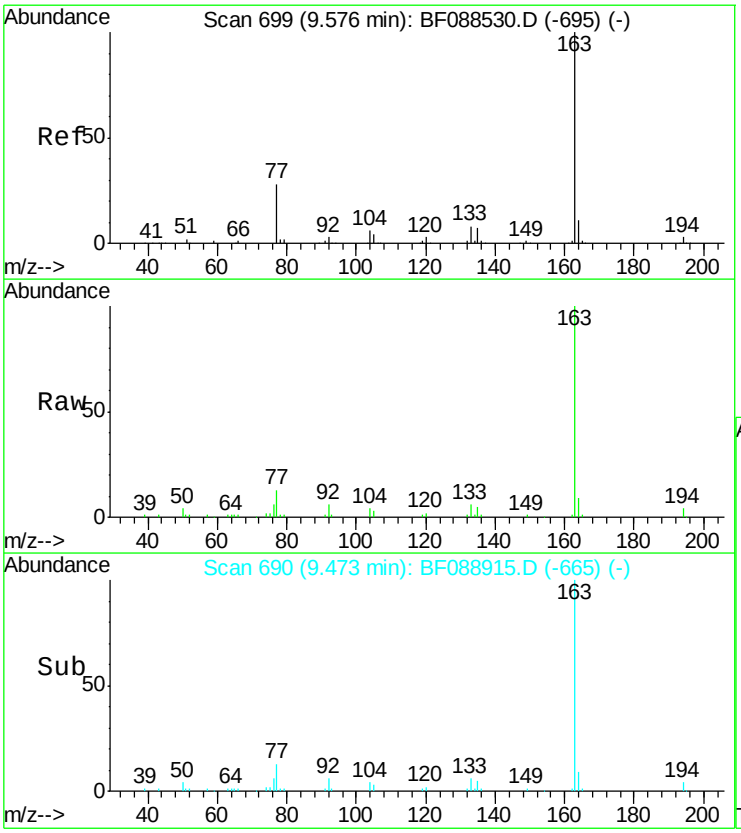
Tgt Ion:152 Resp: 2460

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.4
153	0.0	11.0	16.6#

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

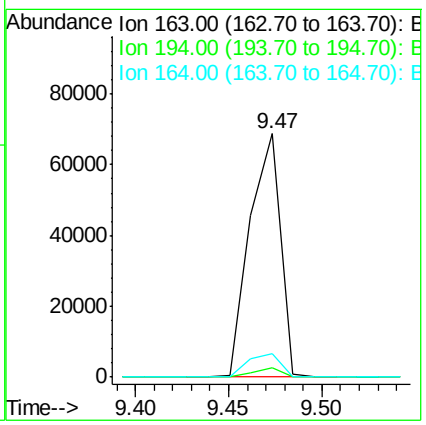


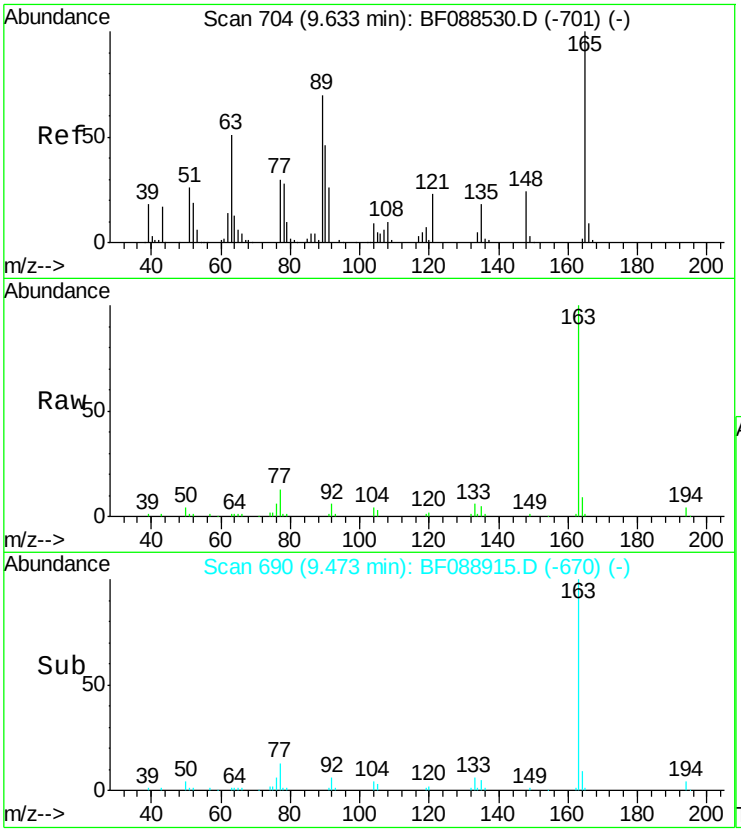


#49
Dimethylphthalate
Concen: 11.10 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:163 Resp: 79364

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.4	8.3	12.5

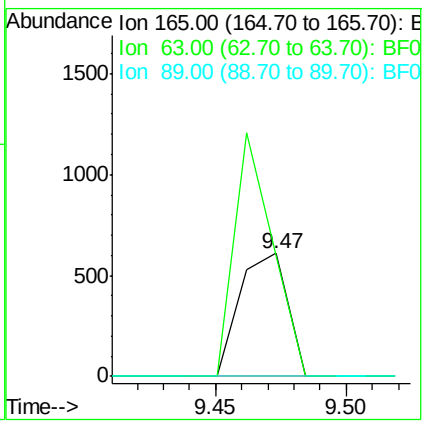




#50
2,6-Dinitrotoluene
Concen: 0.49 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

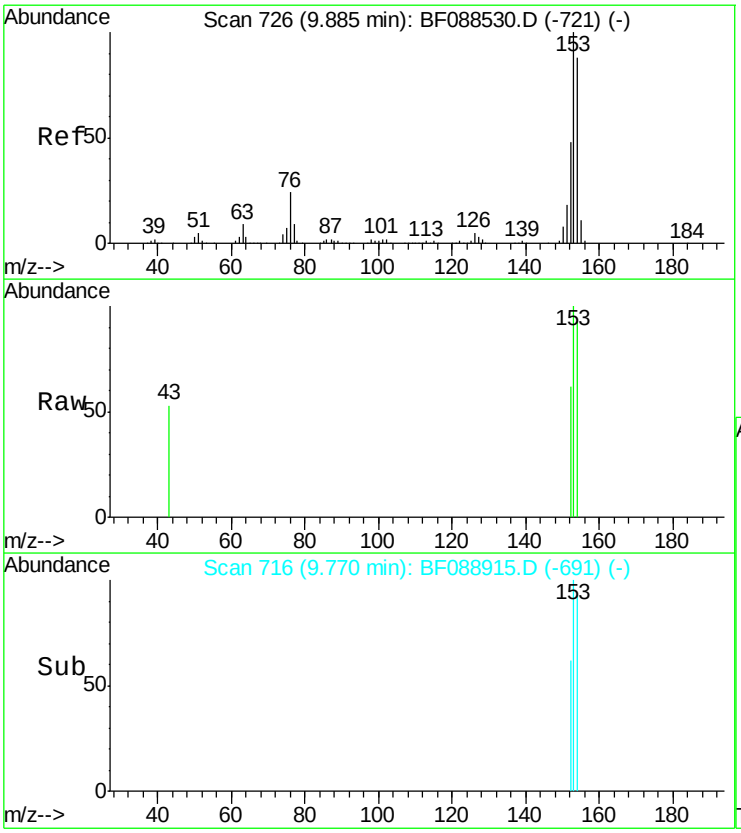
Tgt Ion:165 Resp: 783

Ion	Ratio	Lower	Upper
165	100		
63	98.2	28.1	42.1#
89	0.0	32.2	48.2#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

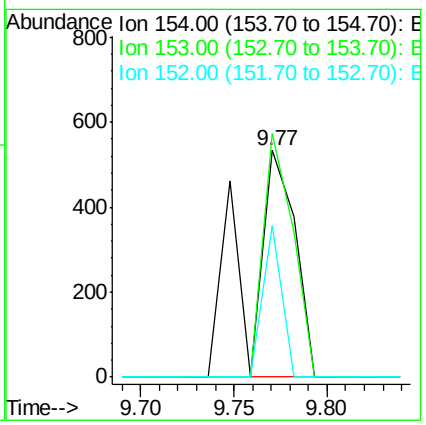
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

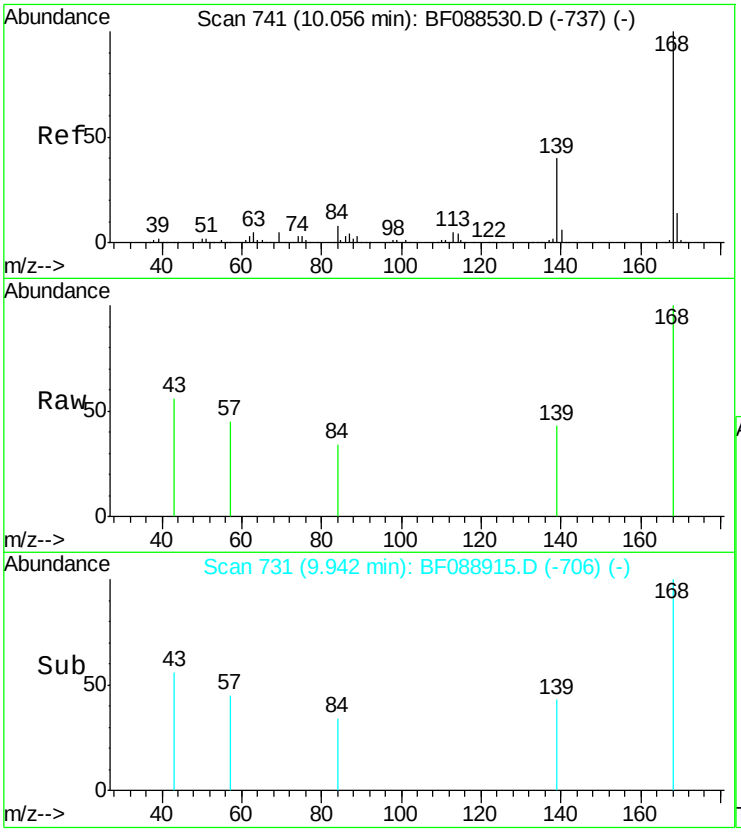


#51
Acenaphthene
Concen: 0.15 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:154 Resp: 942

Ion	Ratio	Lower	Upper
154	100		
153	107.5	89.5	134.3
152	66.6	42.7	64.1#

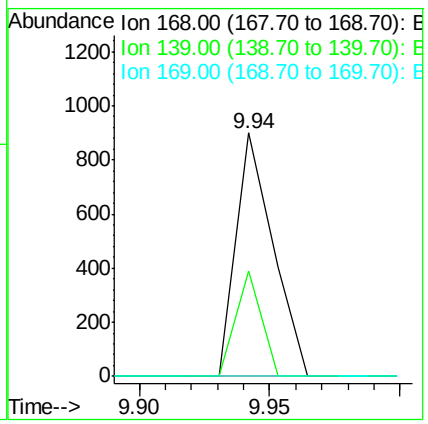




#54
Dibenzofuran
Concen: 0.11 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

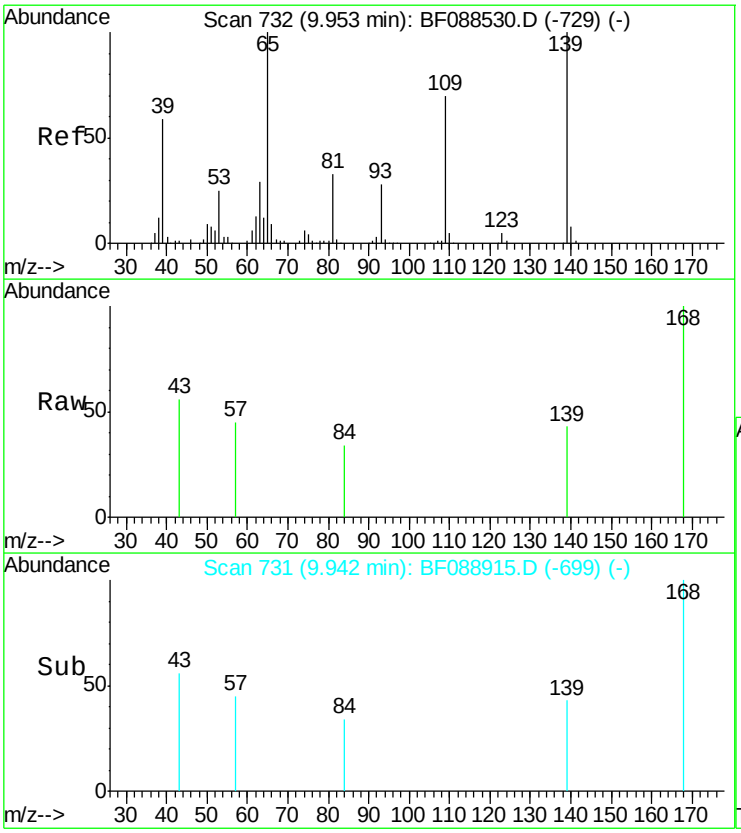
Tgt Ion:168 Resp: 895

Ion	Ratio	Lower	Upper
168	100		
139	43.4	26.4	39.6#
169	0.0	10.4	15.6#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

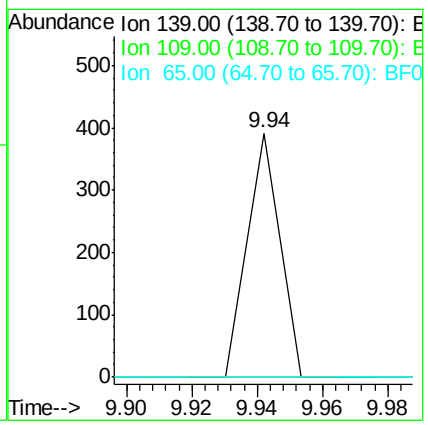
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

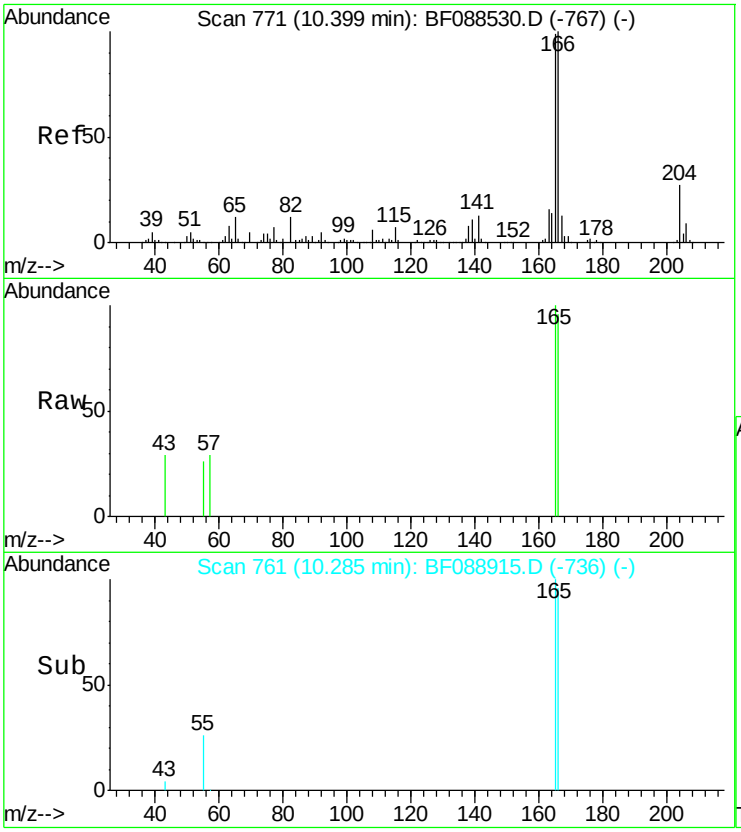


#55
4-Nitrophenol
Concen: 0.18 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:139 Resp: 268

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

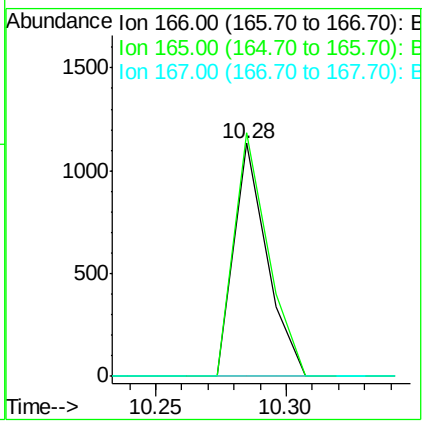




#57
Fluorene
Concen: 0.16 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

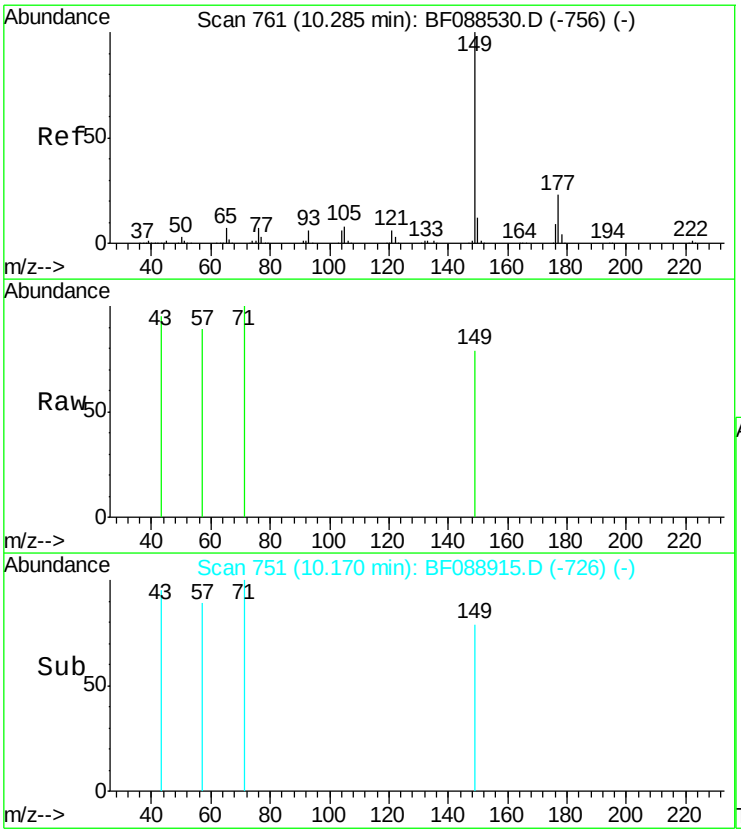
Tgt Ion:166 Resp: 1009

Ion	Ratio	Lower	Upper
166	100		
165	104.5	77.8	116.8
167	0.0	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

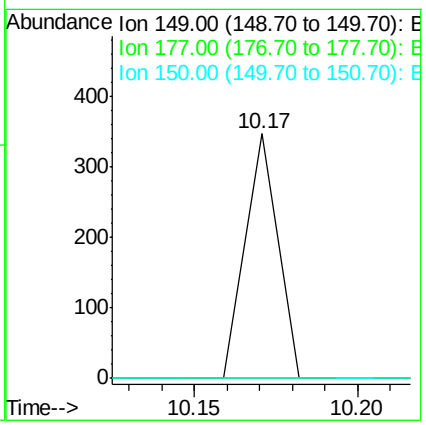
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

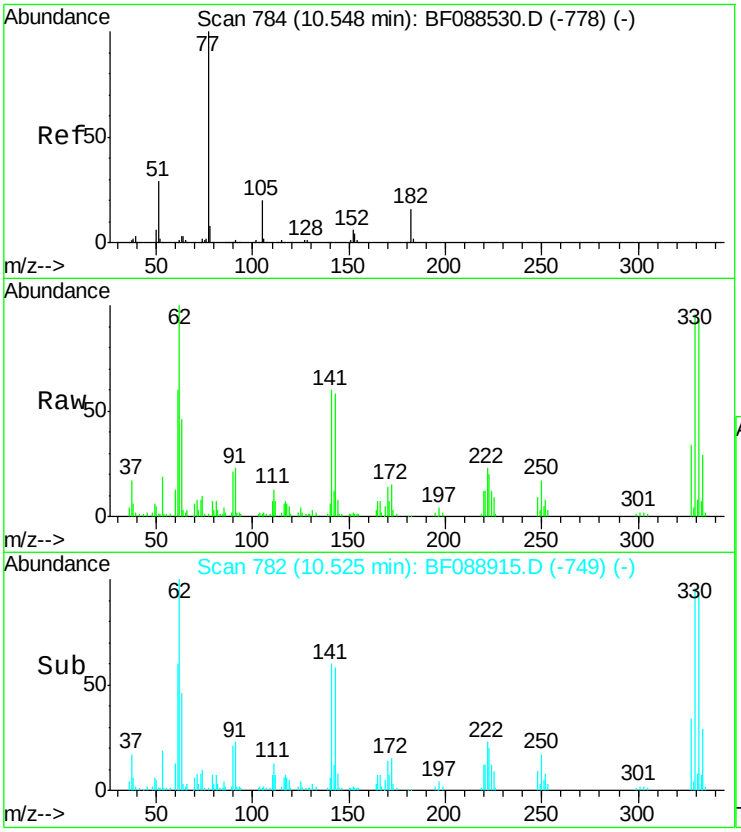


#59
Diethylphthalate
Concen: 0.03 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:149 Resp: 238

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.9	25.3#
150	0.0	10.1	15.1#

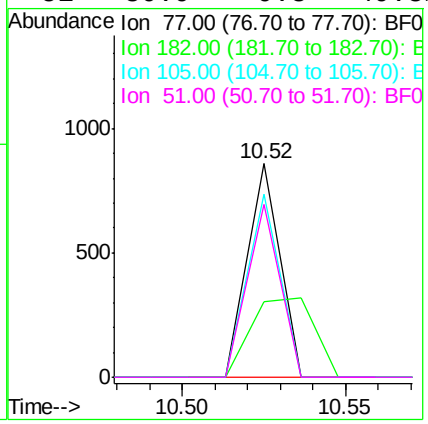




#62
Azobenzene
Concen: 0.07 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.08 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

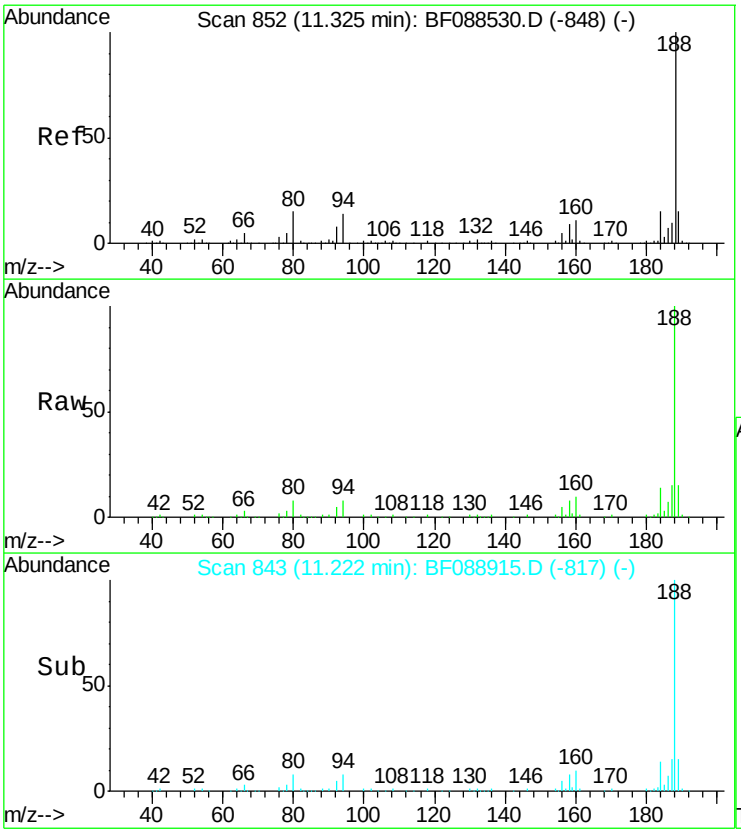
Tgt Ion: 77 Resp: 589

Ion	Ratio	Lower	Upper
77	100		
182	35.0	4.4	44.4
105	85.4	3.8	43.8#
51	80.9	9.3	49.3#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

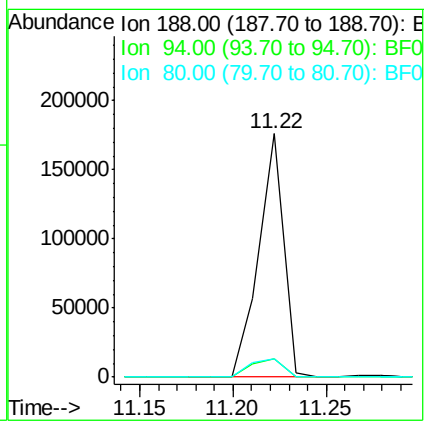
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

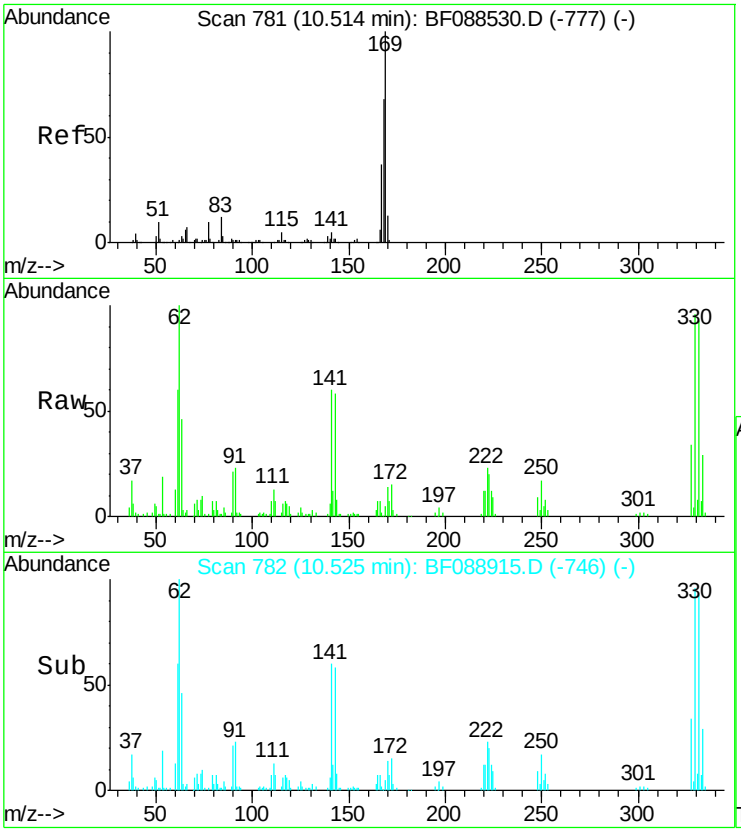


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:188 Resp: 161888

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.7	10.0	15.0#

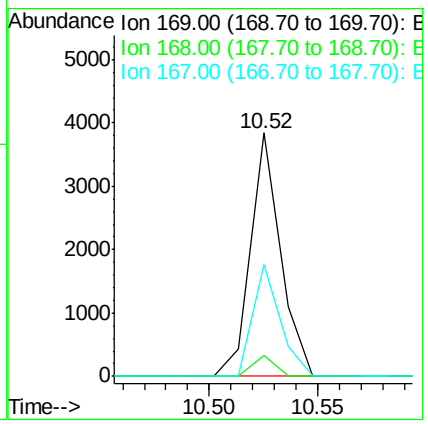




#65
n-Nitrosodiphenylamine
Concen: 0.67 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

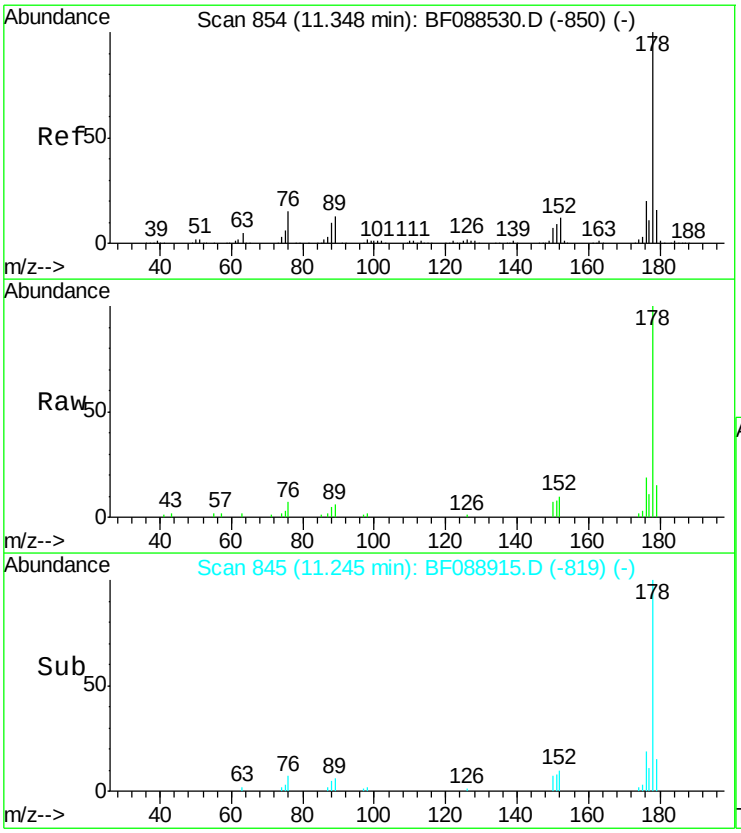
Tgt Ion:169 Resp: 3681

Ion	Ratio	Lower	Upper
169	100		
168	8.5	53.4	80.0#
167	45.9	29.4	44.0#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

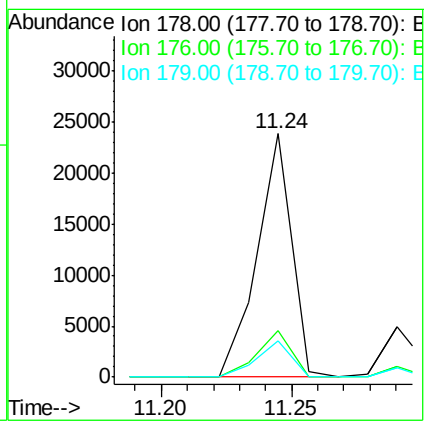
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

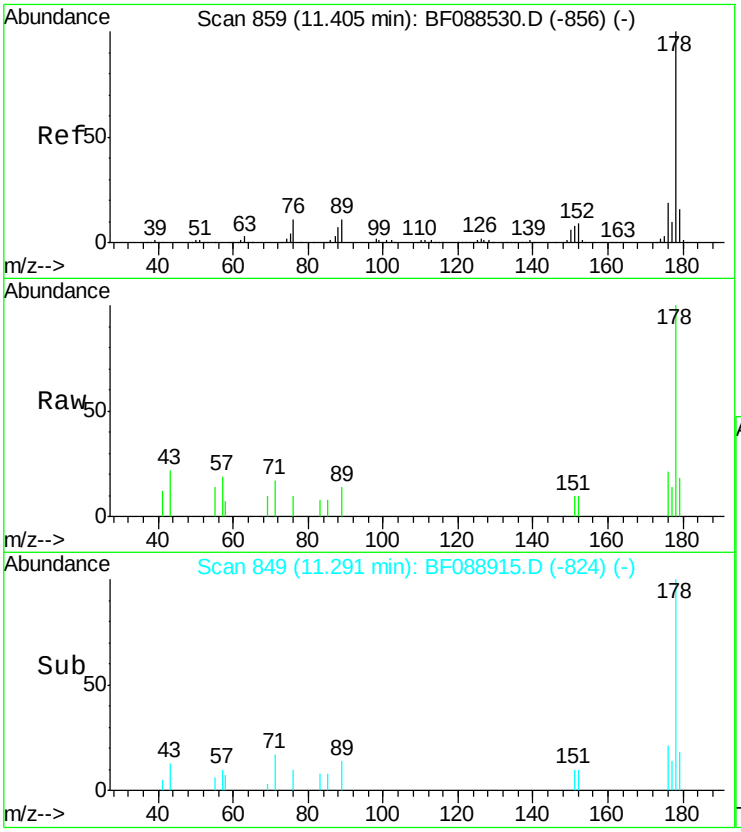


#70
Phenanthrene
Concen: 2.46 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:178 Resp: 21779

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.1	13.0	19.4

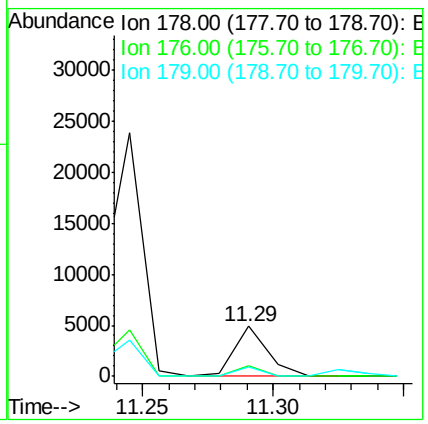




#71
Anthracene
Concen: 0.49 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

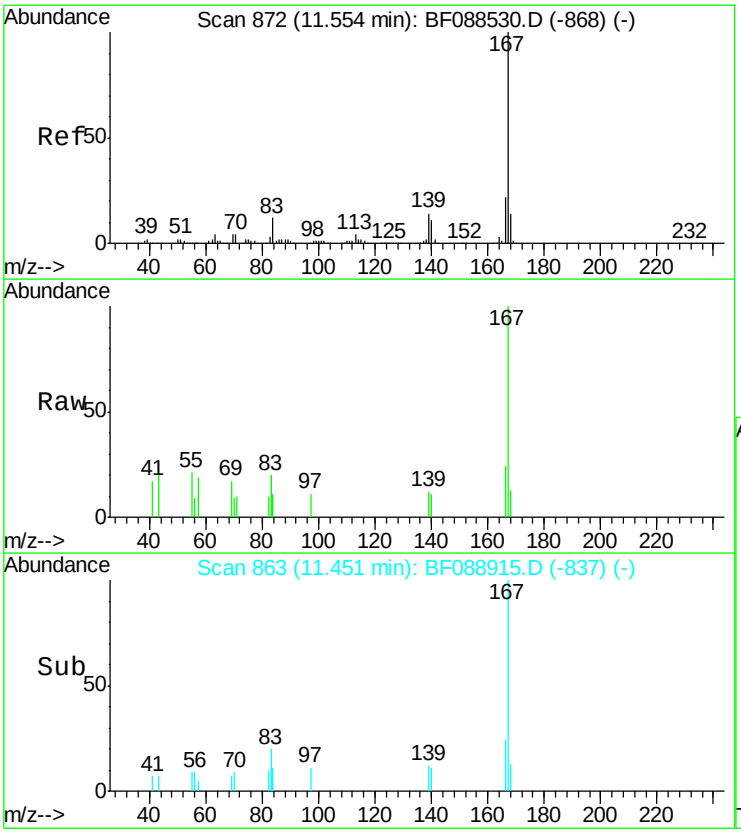
Tgt Ion:178 Resp: 4343

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.6	23.4
179	18.2	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

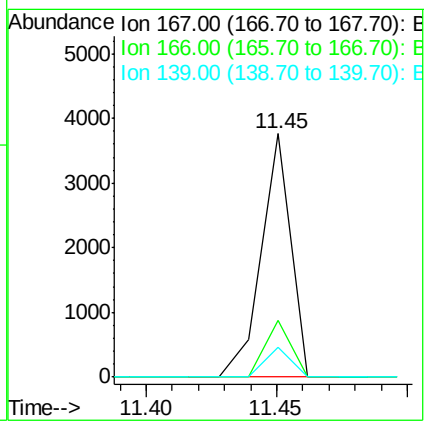
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

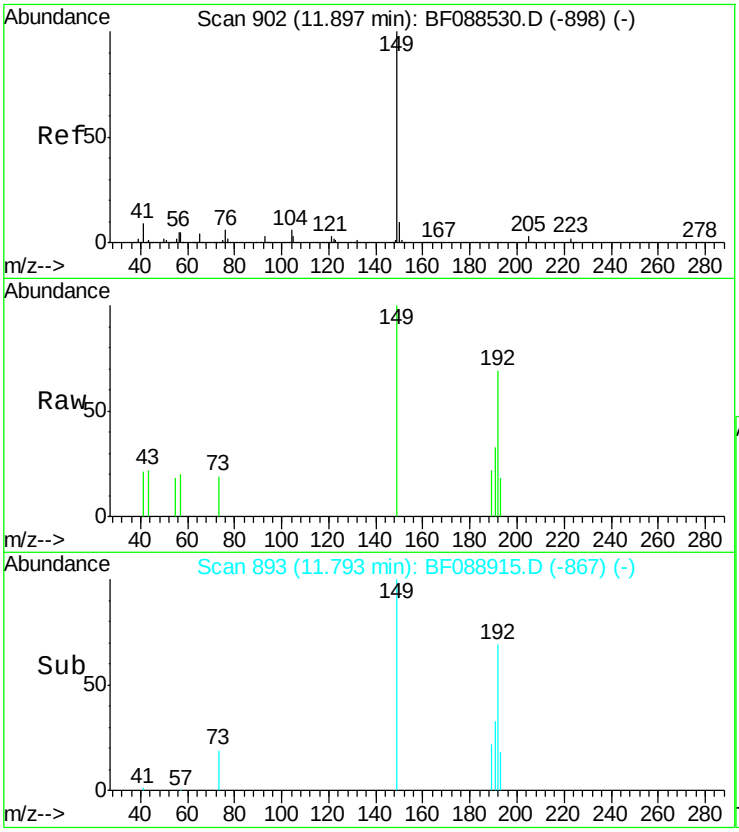


#72
Carbazole
Concen: 0.36 ng
RT: 11.45 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:167 Resp: 2986

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.8	26.6
139	12.4	11.2	16.8

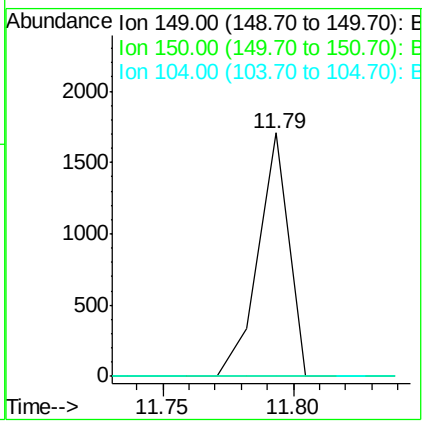




#73
Di-n-butylphthalate
Concen: 0.15 ng
RT: 11.79 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

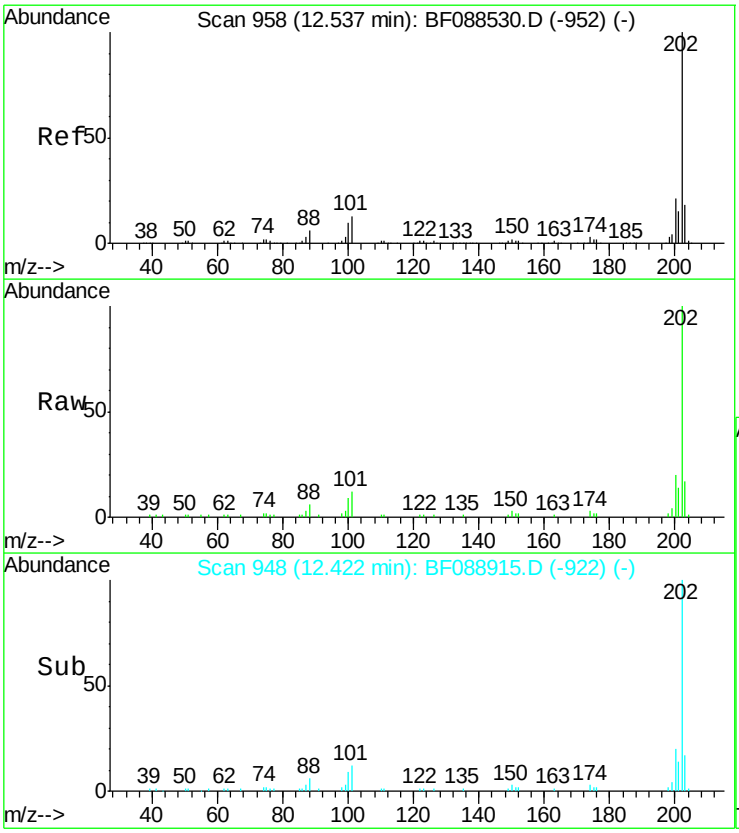
Tgt Ion:149 Resp: 1400

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

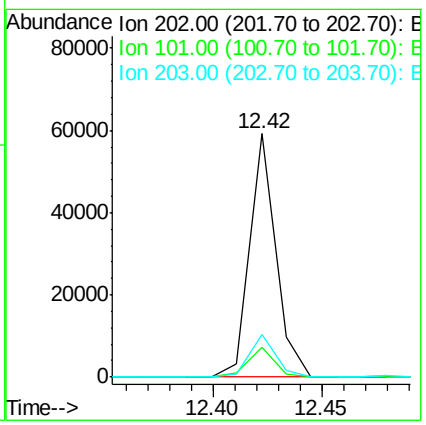
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

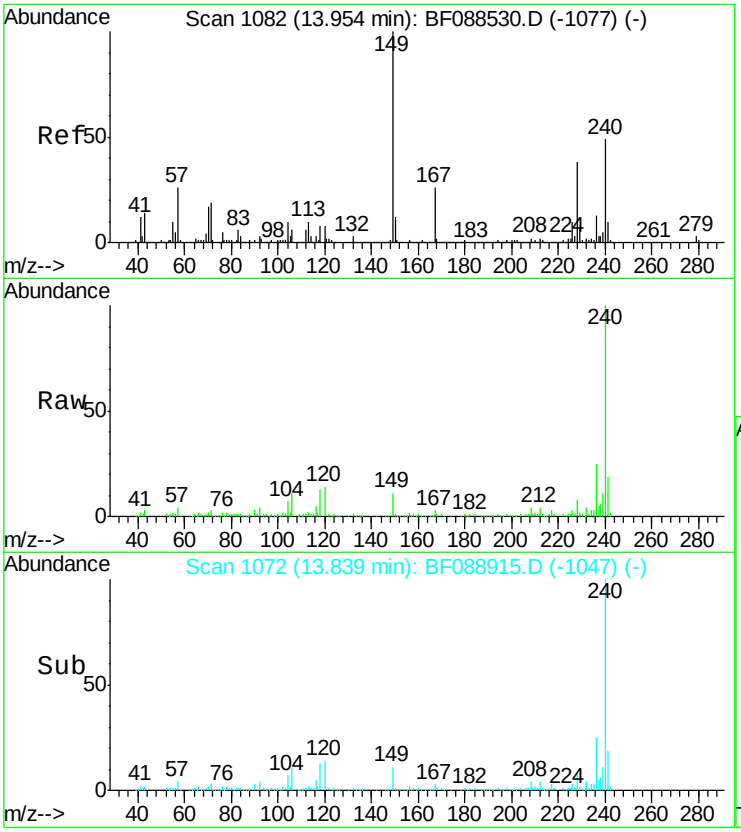


#74
Fluoranthene
Concen: 5.53 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:202 Resp: 49586

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.1
203	17.4	0.0	38.1





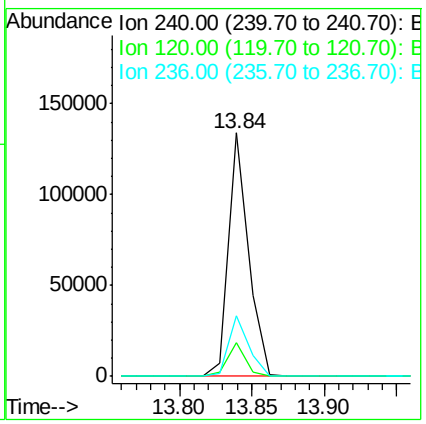
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

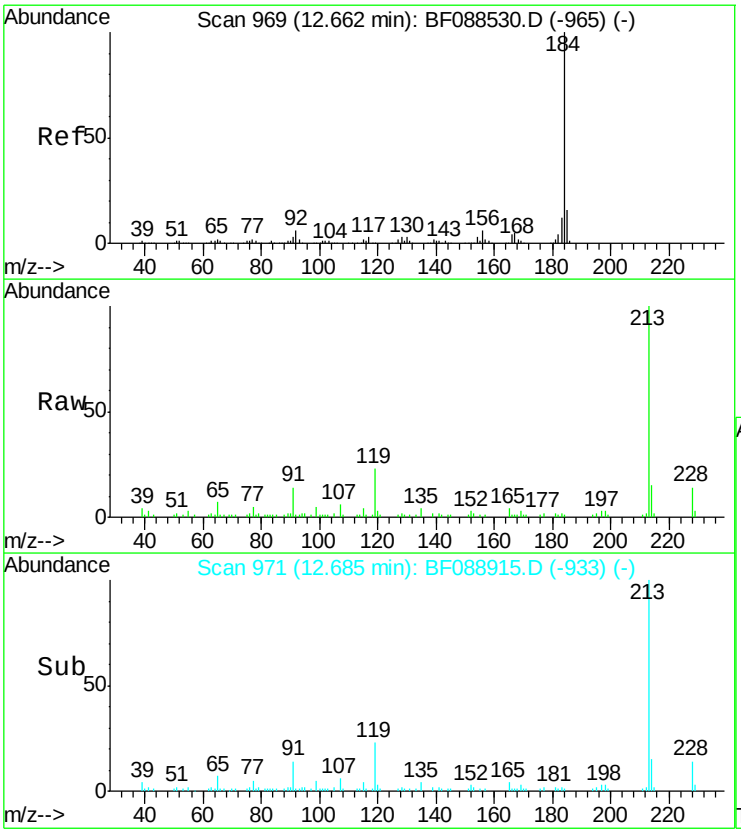
Tgt Ion:240 Resp: 128985

Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.8	10.2#
236	24.9	20.2	30.2

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

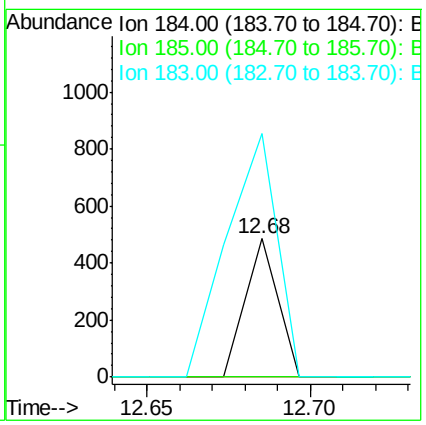


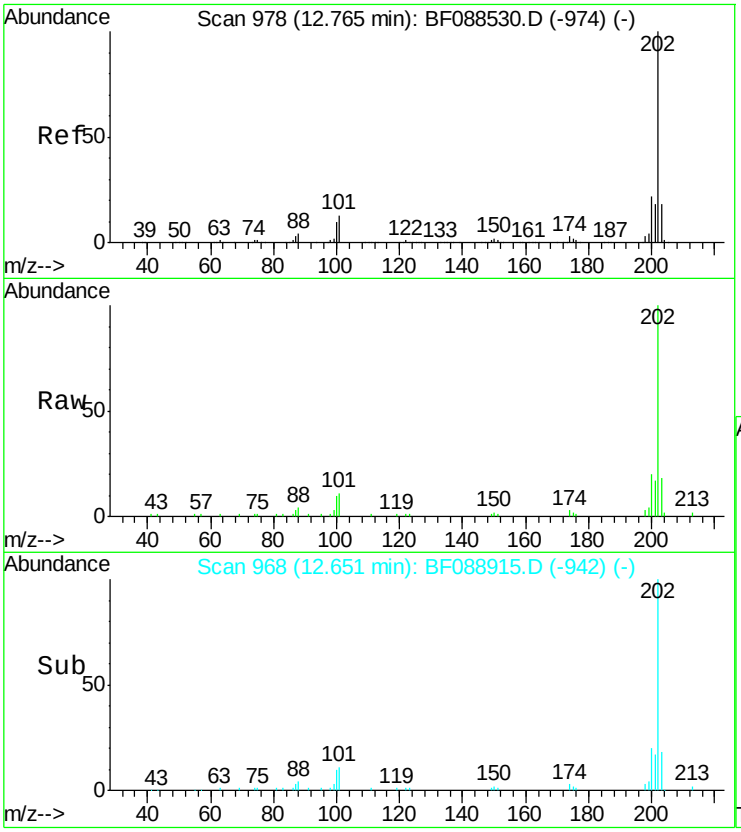


#76
Benzidine
Concen: 0.05 ng
RT: 12.68 min Scan# 971
Delta R.T. 0.14 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:184 Resp: 333

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.5	18.7#
183	175.7	9.3	13.9#

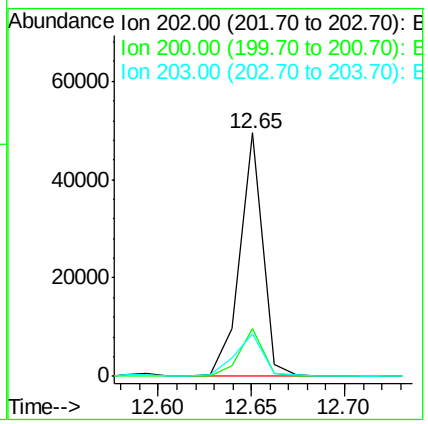




#77
Pyrene
Concen: 3.90 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

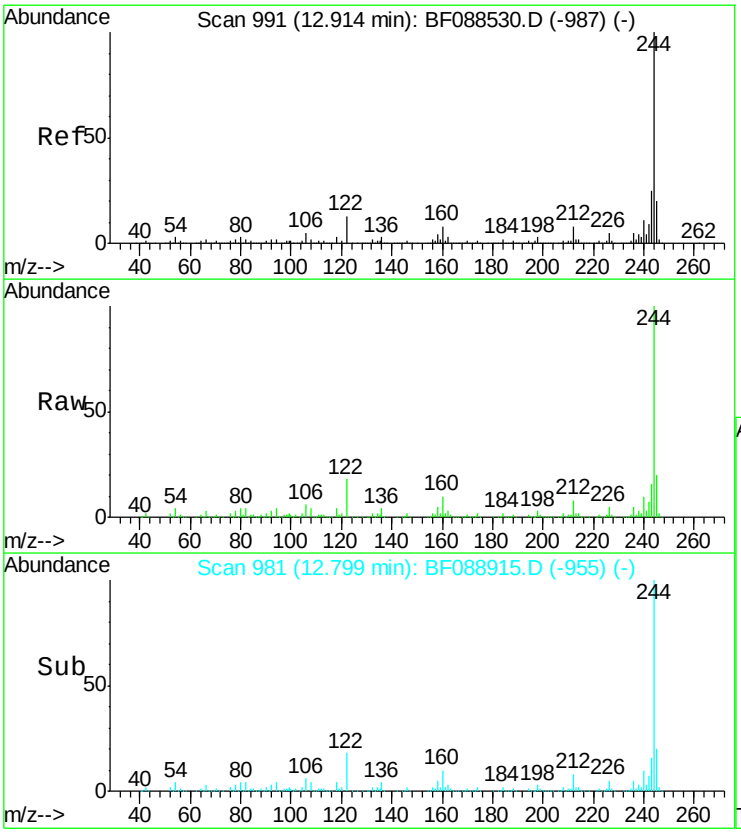
Tgt Ion:202 Resp: 42681

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.7	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

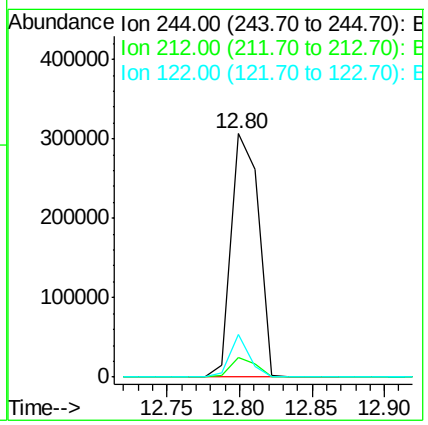
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

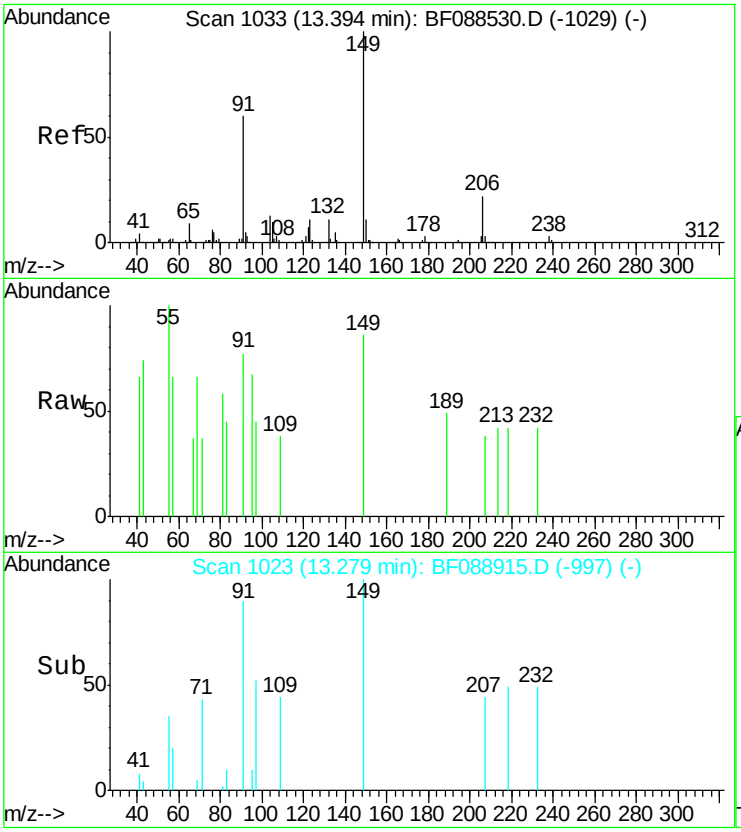


#78
Terphenyl-d14
Concen: 69.48 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:244 Resp: 402372

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	17.5	11.2	16.8#





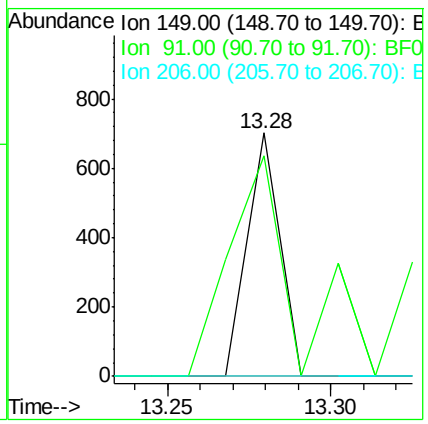
#79
Butylbenzylphthalate
Concen: 0.10 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

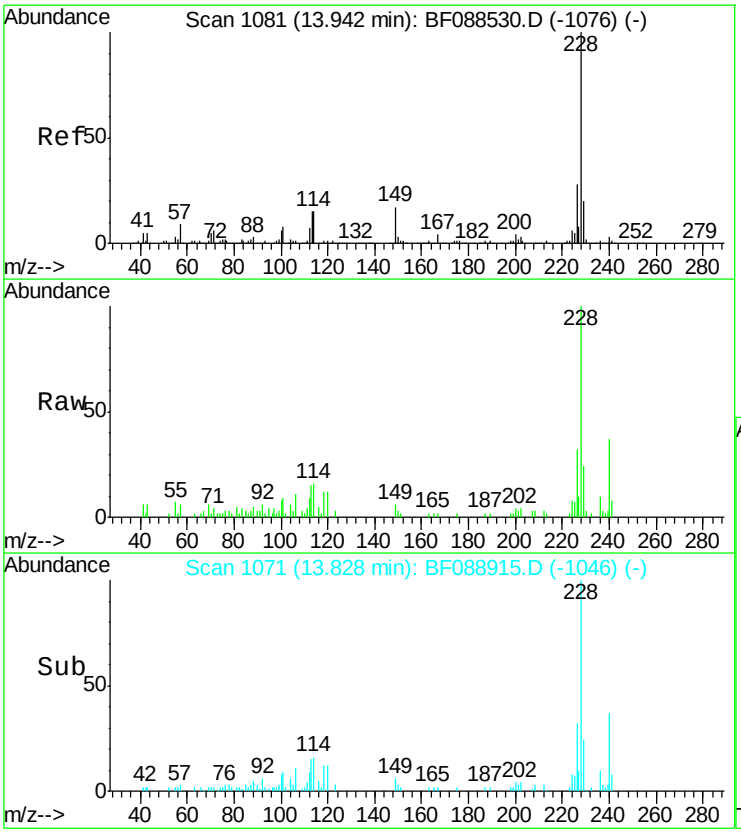
Tgt Ion:149 Resp: 481

Ion	Ratio	Lower	Upper
149	100		
91	90.5	48.0	72.0#
206	0.0	16.0	24.0#

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

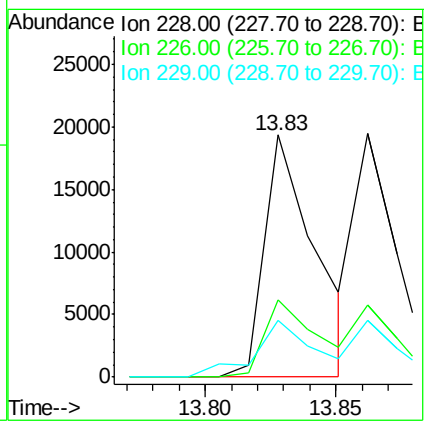


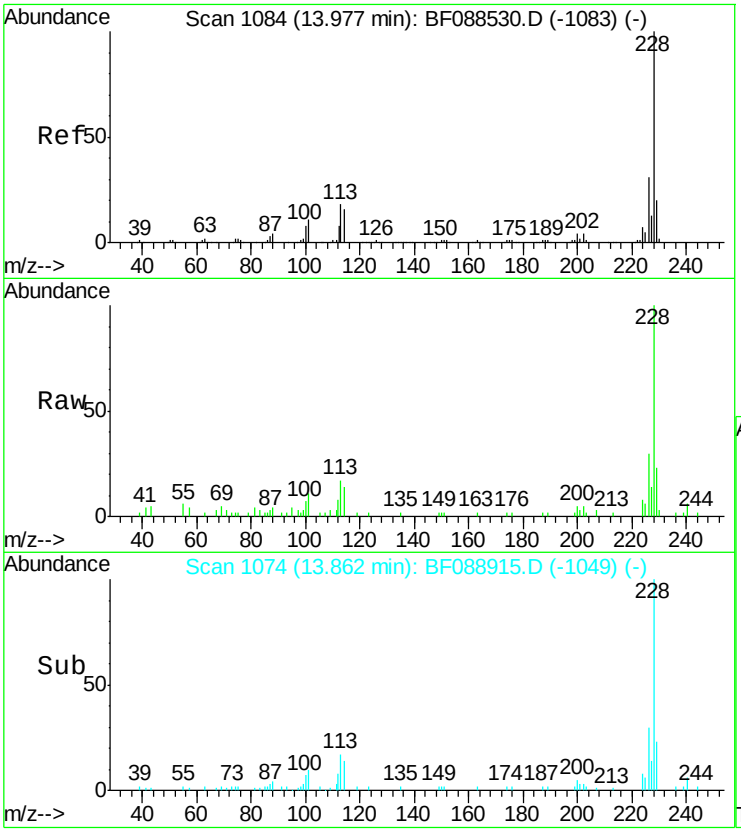


#80
Benzo(a)anthracene
Concen: 3.17 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:228 Resp: 26329

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.3	33.5
229	23.6	16.0	24.0





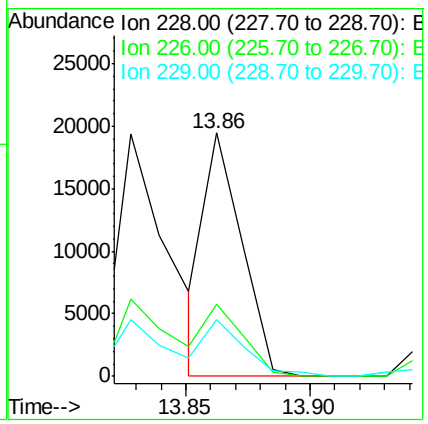
#82
Chrysene
Concen: 2.49 ng m
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

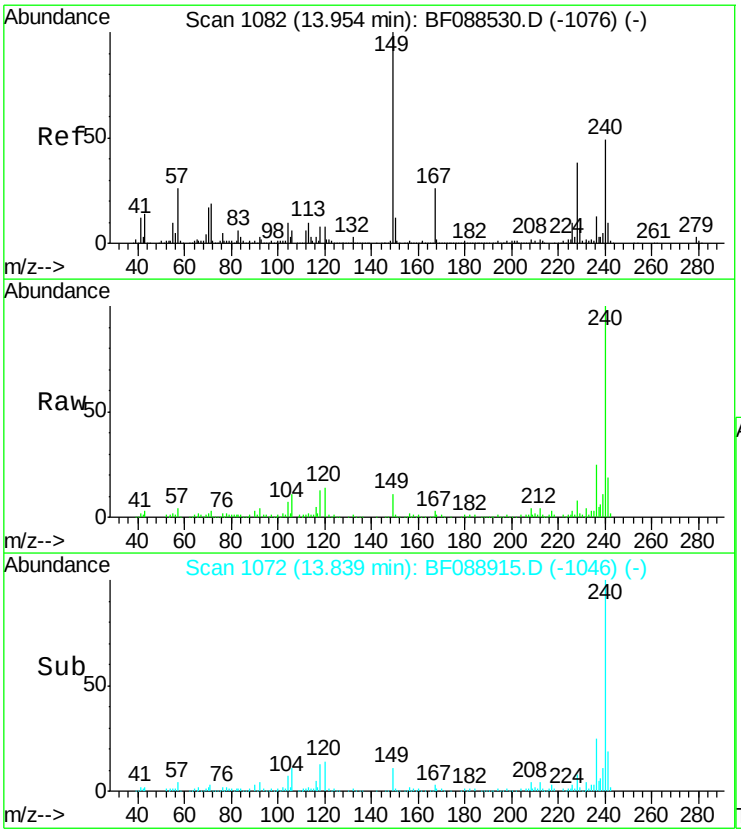
Tgt Ion:228 Resp: 20468

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.2
229	23.5	16.3	24.5

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

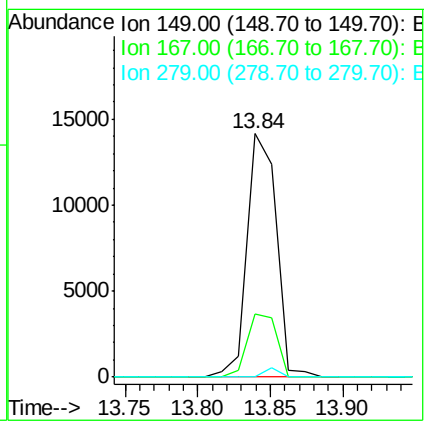


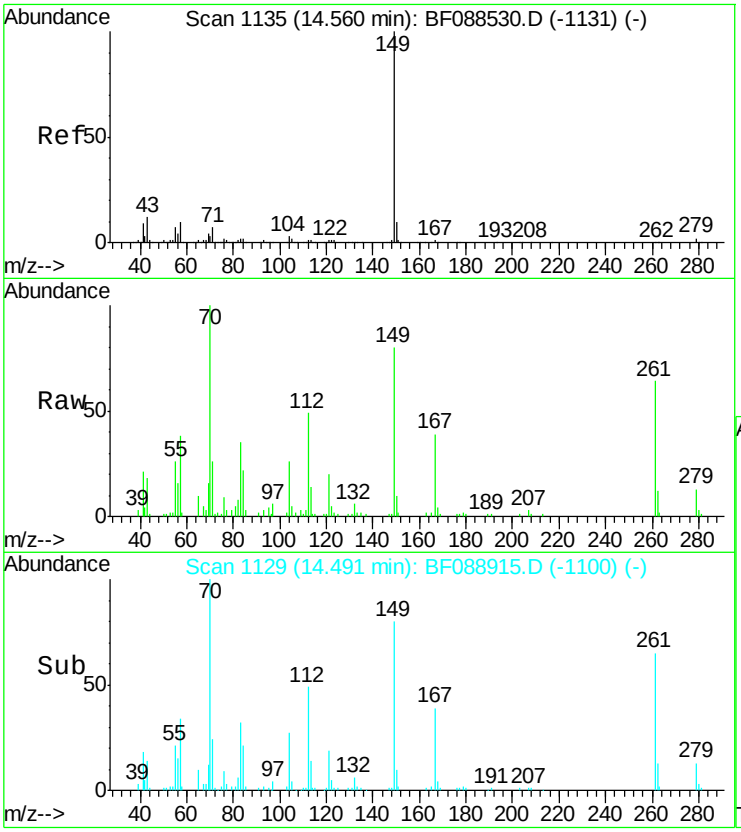


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.54 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:149 Resp: 19724

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.5	30.7
279	0.0	2.0	3.0#





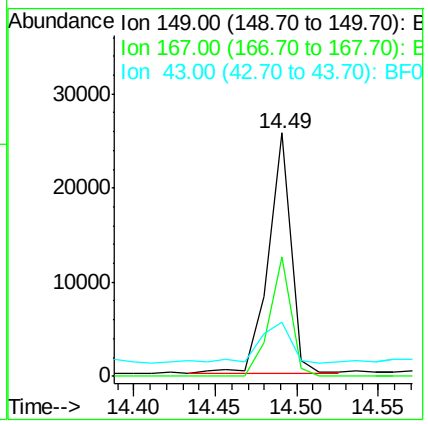
#84
Di-n-octyl phthalate
Concen: 2.62 ng
RT: 14.49 min Scan# 1129
Delta R.T. 0.03 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

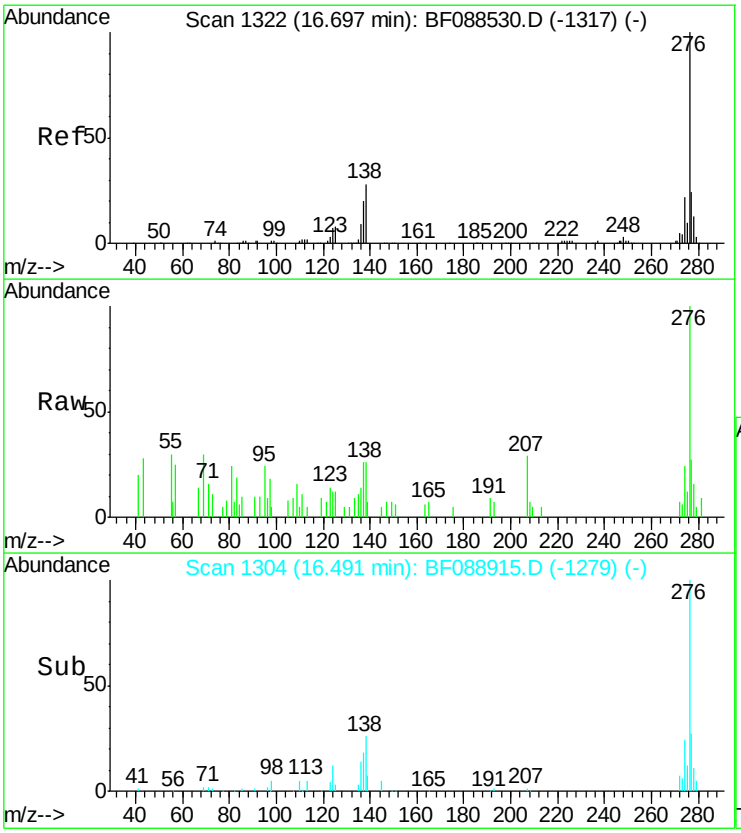
Tgt Ion:149 Resp: 24809

Ion	Ratio	Lower	Upper
149	100		
167	47.4	0.0	0.0#
43	22.5	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

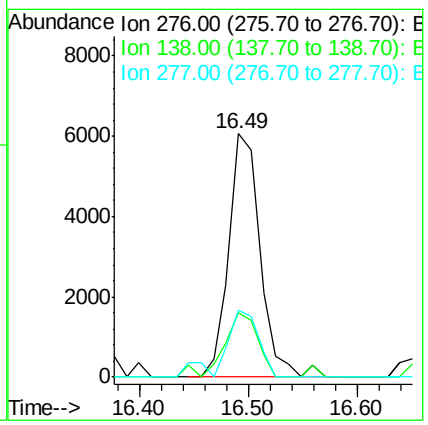


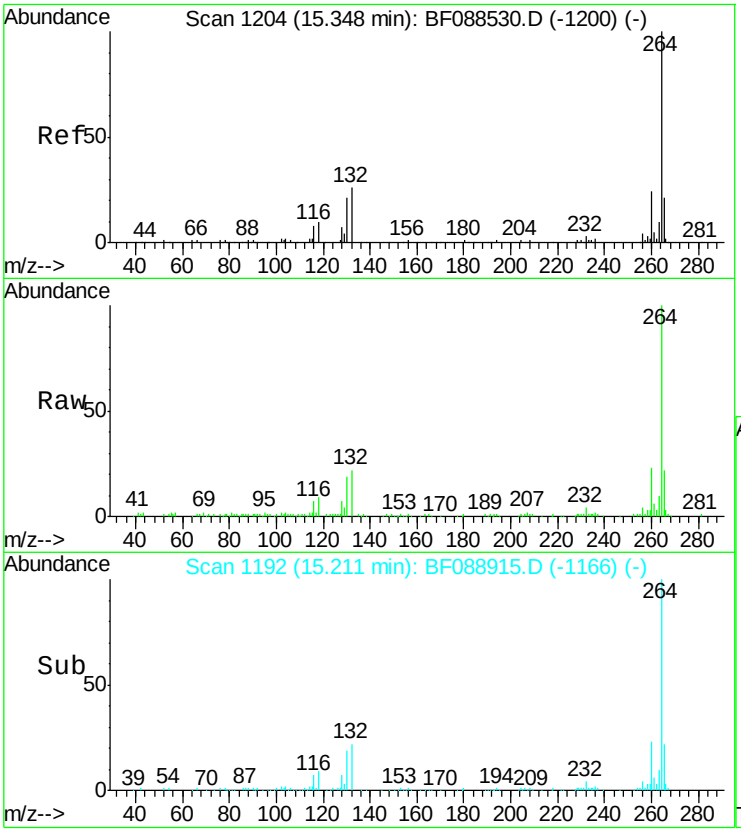


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.92 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:276 Resp: 12108

Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	29.5	0.0	0.0#

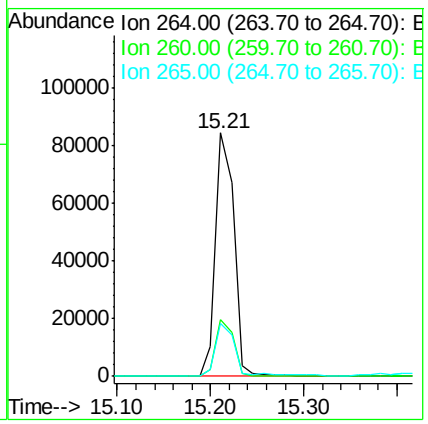




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

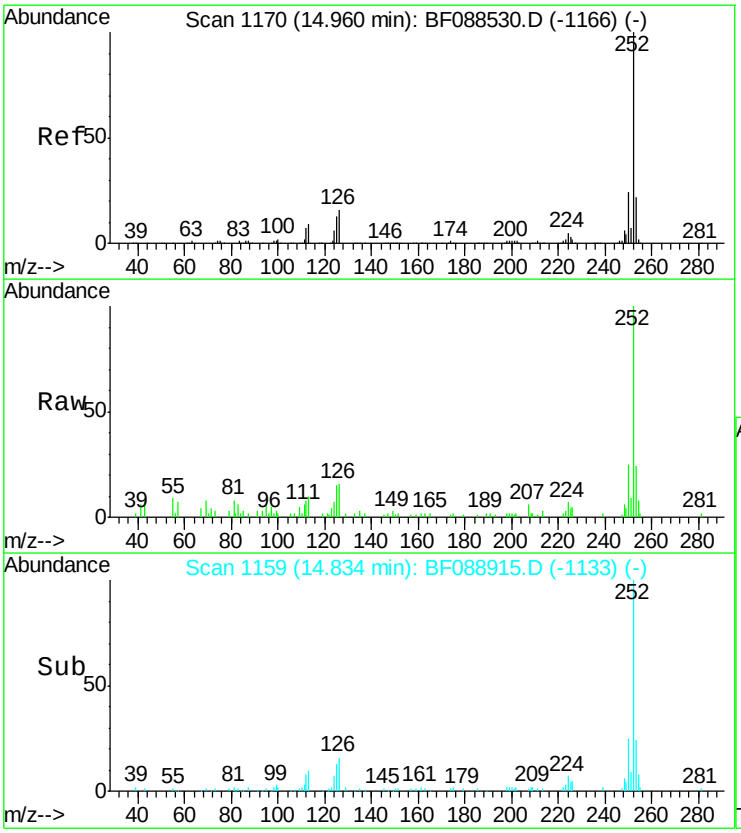
Tgt Ion:264 Resp: 115992

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

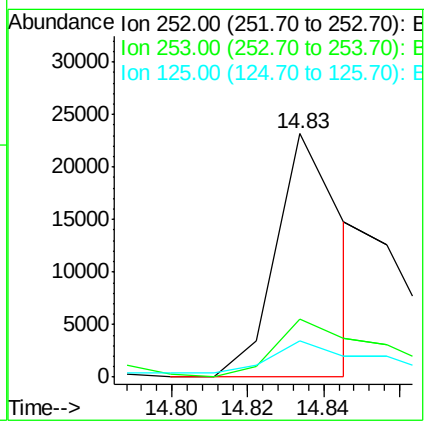
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

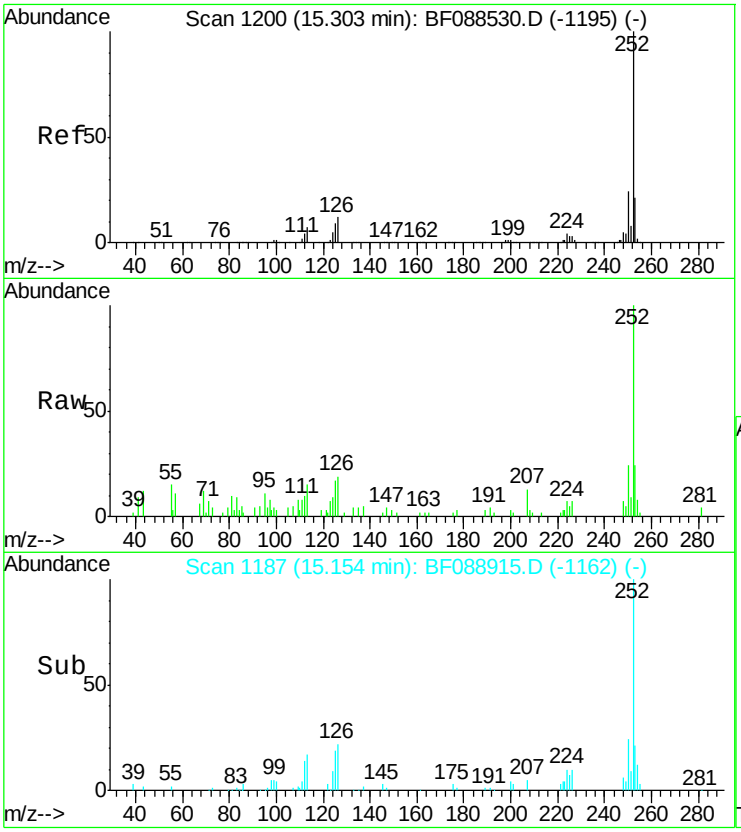


#87
Benzo(b)fluoranthene
Concen: 3.91 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:252 Resp: 28439

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	14.9	7.1	10.7#

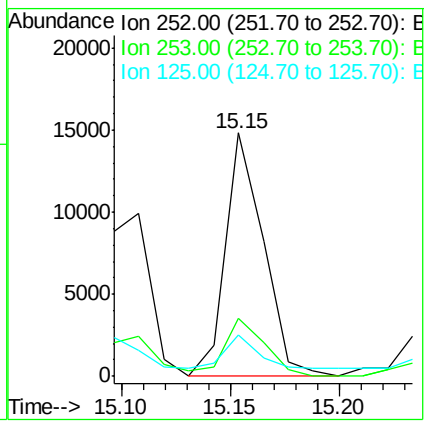




#89
Benzo(a)pyrene
Concen: 2.91 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

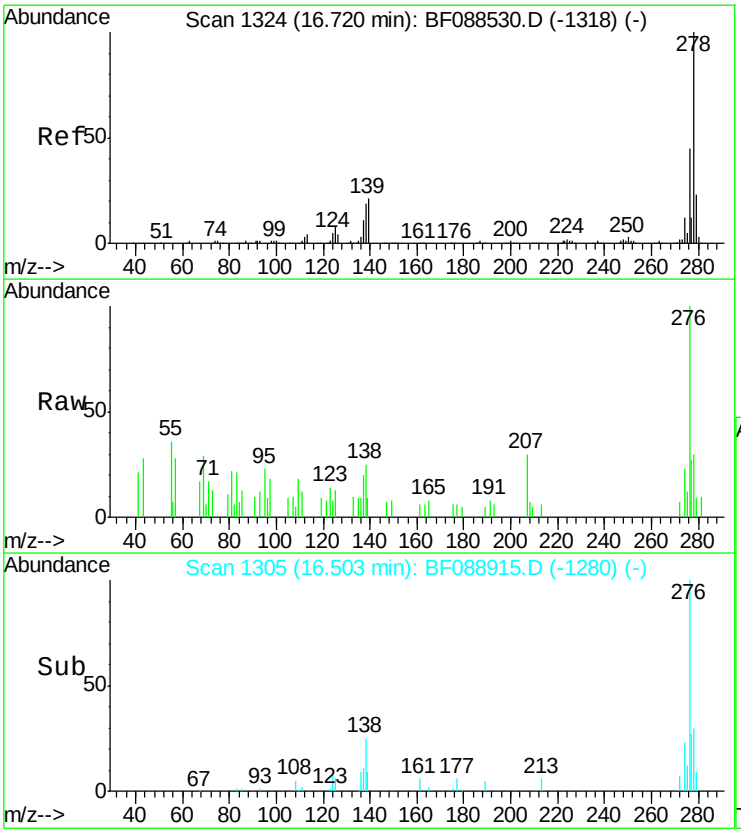
Tgt Ion:252 Resp: 17908

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	17.1	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

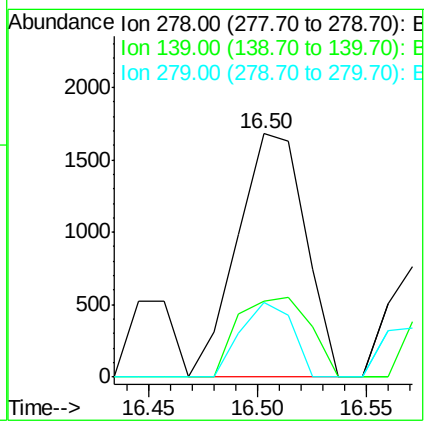
Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM

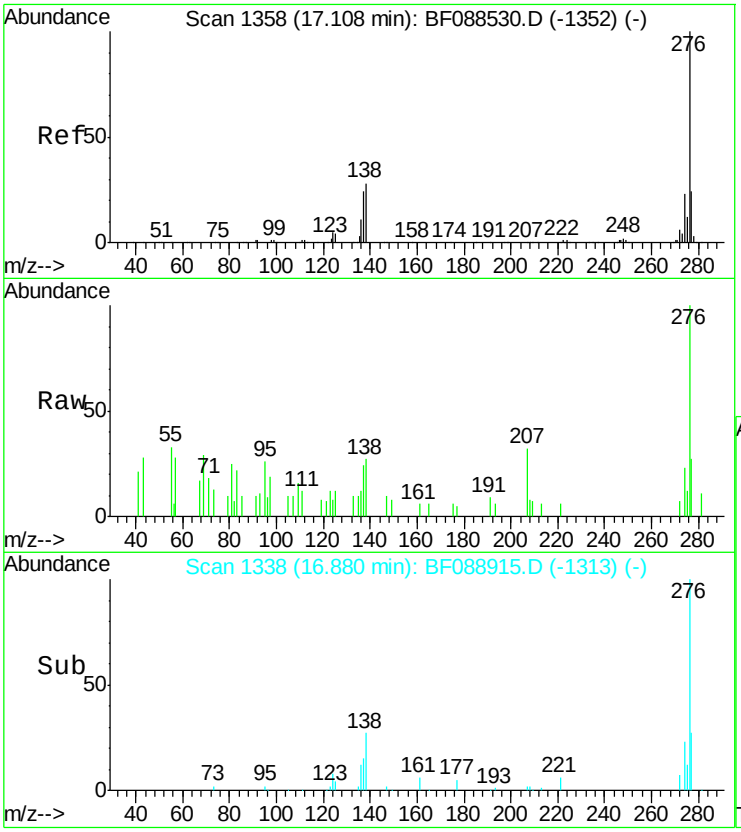


#90
Dibenzo(a,h)anthracene
Concen: 0.71 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:278 Resp: 3673

Ion	Ratio	Lower	Upper
278	100		
139	31.1	15.7	23.5#
279	30.8	19.4	29.2#

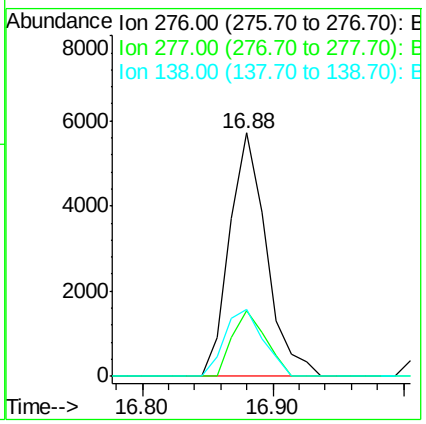




#91
Benzo(g,h,i)perylene
Concen: 2.10 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088915.D
Acq: 11 Jul 2016 22:49

Tgt Ion:276 Resp: 11195

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.9	28.3
138	27.3	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
N8-B3(0-5)C

Manual Integrations
APPROVED
sohil
7/12/2016 7:35:09 PM