Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083963.D
Acq On : 19 Dec 2015 19:15
Operator : UM/SJ
Sample : G4869-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-01

Quant Time: Dec 21 00:57:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75997	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	280963	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	149757	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	286864	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	205747	20.00	ng		-0.03
86) Perylene-d12	15.44	264	163147	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	635181	130.80	ng		-0.01
7) Phenol-d6	6.50	99	766079	128.88	ng		-0.01
23) Nitrobenzene-d5	7.41	82	468994	95.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	253205	153.48	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	886178	82.74	ng		-0.03
78) Terphenyl-d14	12.96	244	839057	96.17	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	15592	4.35	ng		85
15) Benzyl Alcohol	7.00	79	9000	2.00	ng	#	50
19) n-Nitroso-di-n-propylamine	7.41	70	64735	18.68	ng	#	76
25) Isophorone	7.41	82	359300	38.79	ng	#	66
31) Naphthalene	8.16	128	891	Below Cal		#	68
45) 1,1'-Biphenyl	9.21	154	1743	Below Cal		#	1
49) Dimethylphthalate	9.61	163	164412	13.08	ng	#	90
56) 2,4-Dinitrotoluene	9.88	165	19143	5.45	ng	#	22
57) Fluorene	10.43	166	288	Below Cal		#	86
64) 4,6-Dinitro-2-methylphenol	10.67	198	595	4.24	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	16054	4.58	ng	#	1
77) Pyrene	12.81	202	11114	Below Cal			99

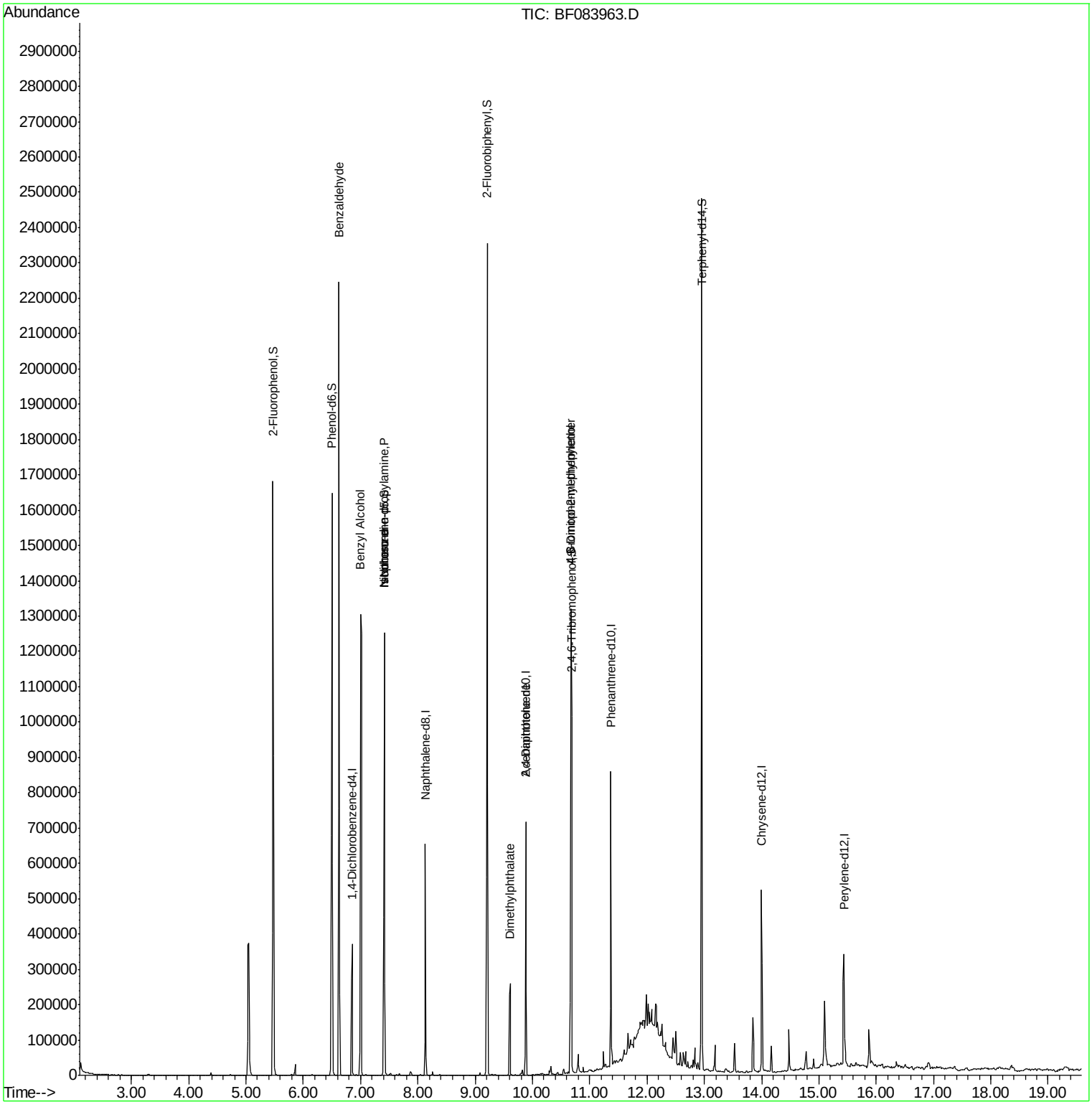
(#) = qualifier out of range (m) = manual integration (+) = signals summed

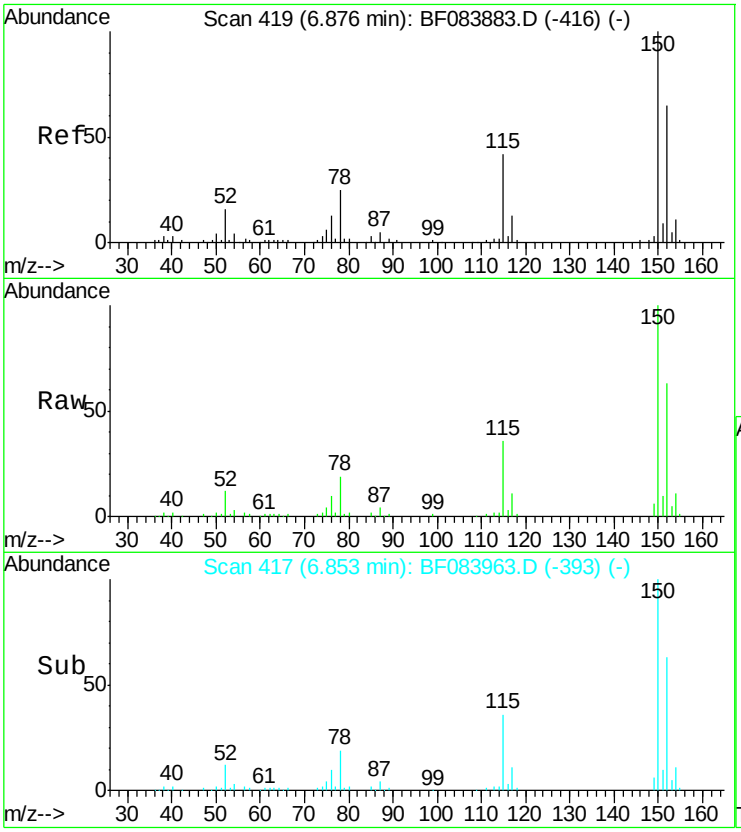
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083963.D
Acq On : 19 Dec 2015 19:15
Operator : UM/SJ
Sample : G4869-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Quant Time: Dec 21 00:57:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



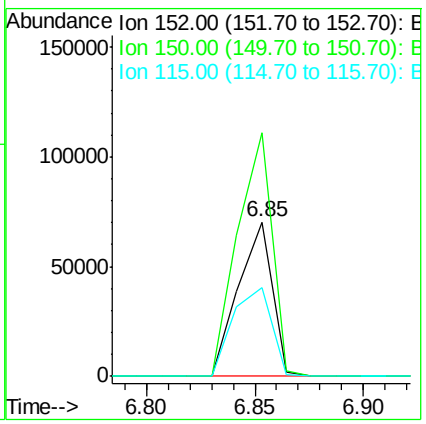


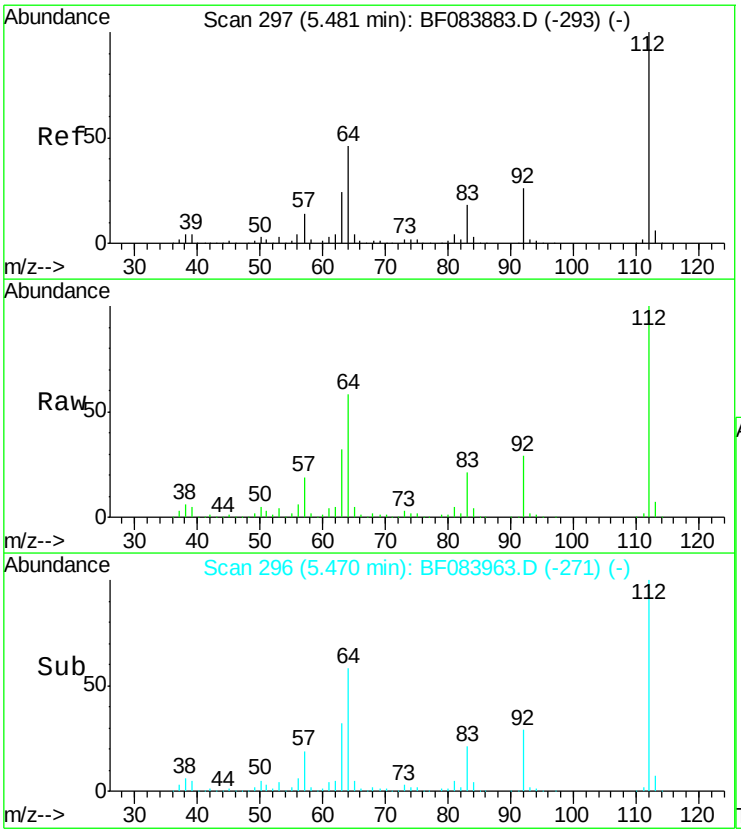
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:152 Resp: 75997

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.0	184.4
115	57.1	51.4	77.2

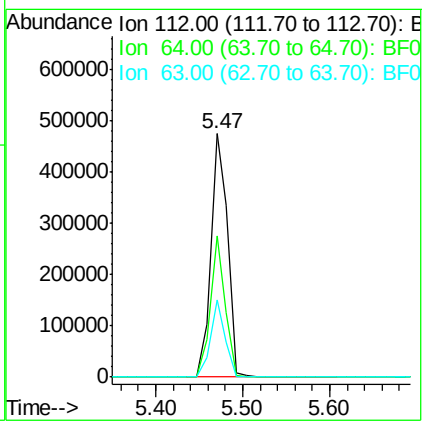


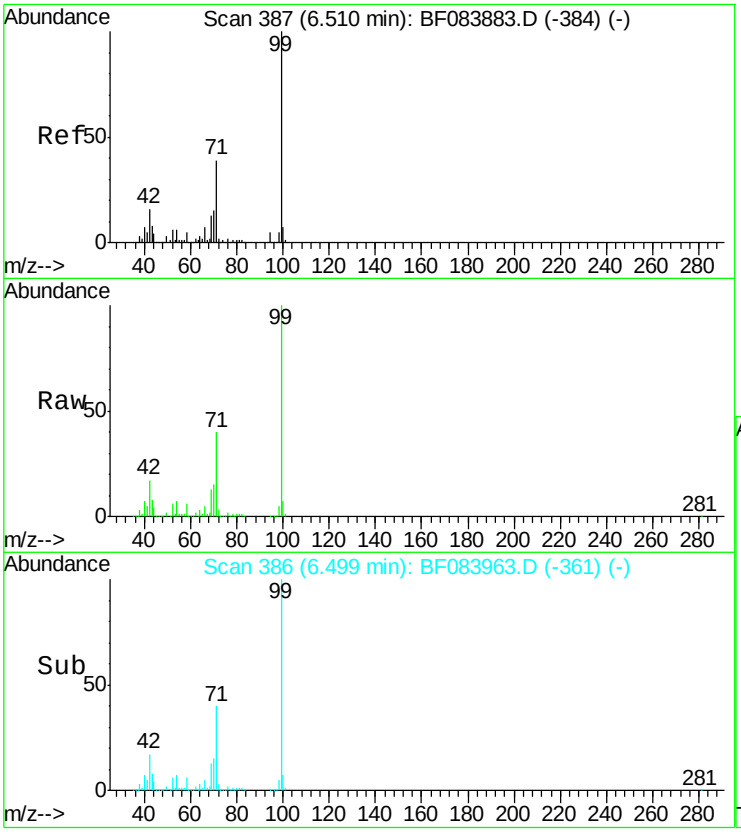


#5
2-Fluorophenol
Concen: 130.80 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:112 Resp: 635181

Ion	Ratio	Lower	Upper
112	100		
64	58.1	36.6	55.0#
63	31.6	19.4	29.0#



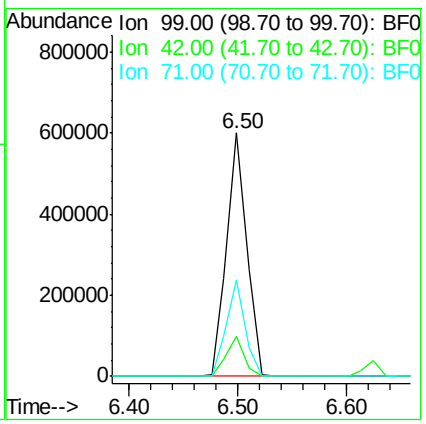


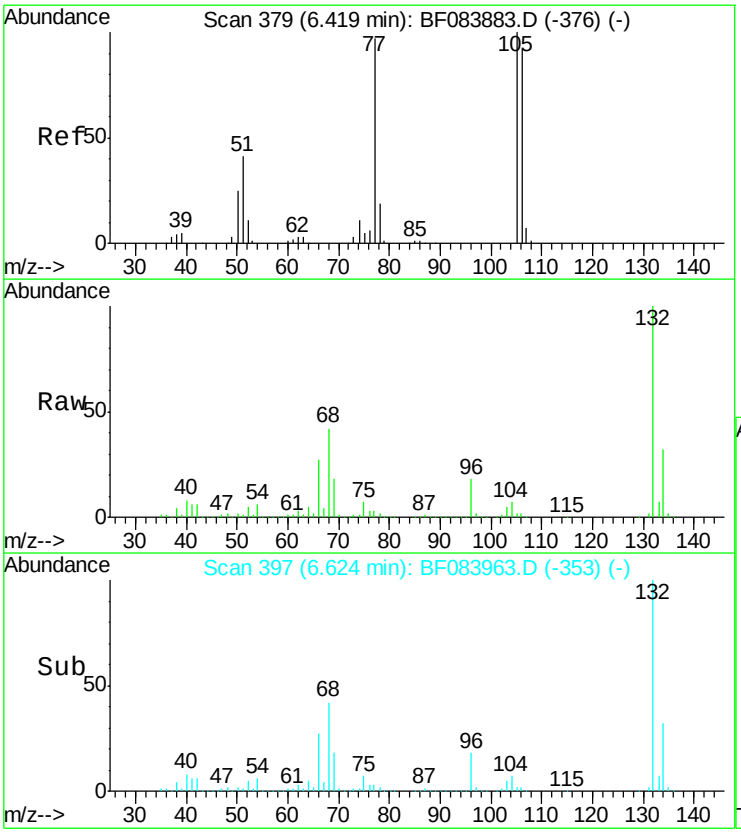
#7
Phenol-d6
Concen: 128.88 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion: 99 Resp: 766079

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	39.6	30.9	46.3

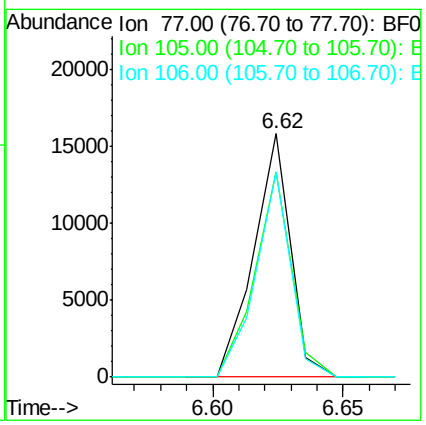


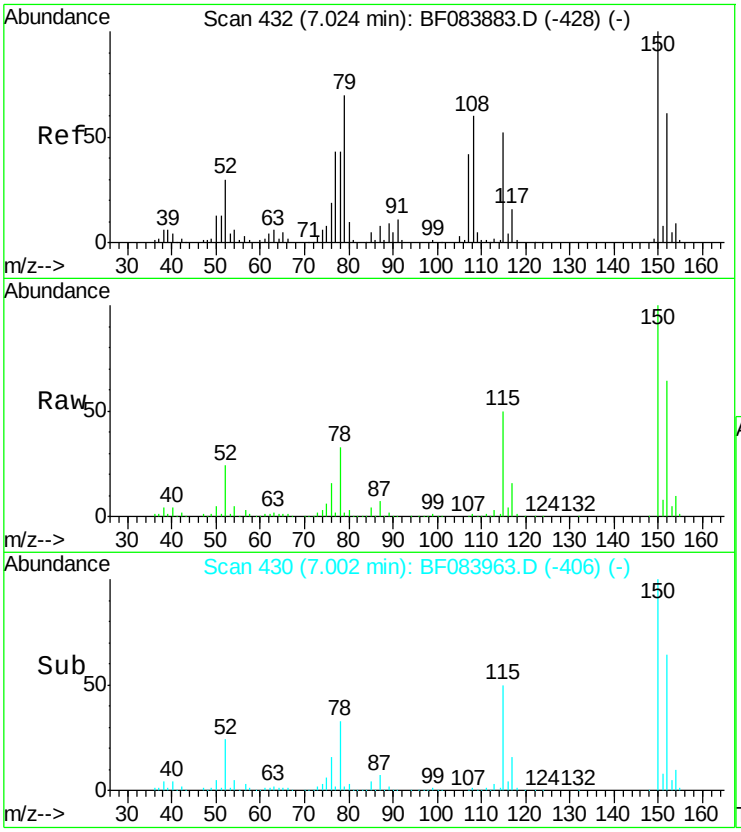


#9
Benzaldehyde
Concen: 4.35 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.21 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion: 77 Resp: 15592

Ion	Ratio	Lower	Upper
77	100		
105	84.1	83.0	123.0
106	84.4	74.6	114.6



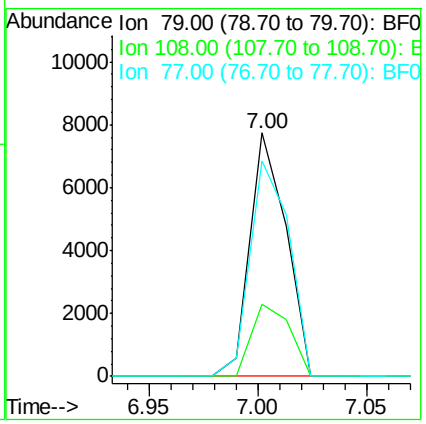


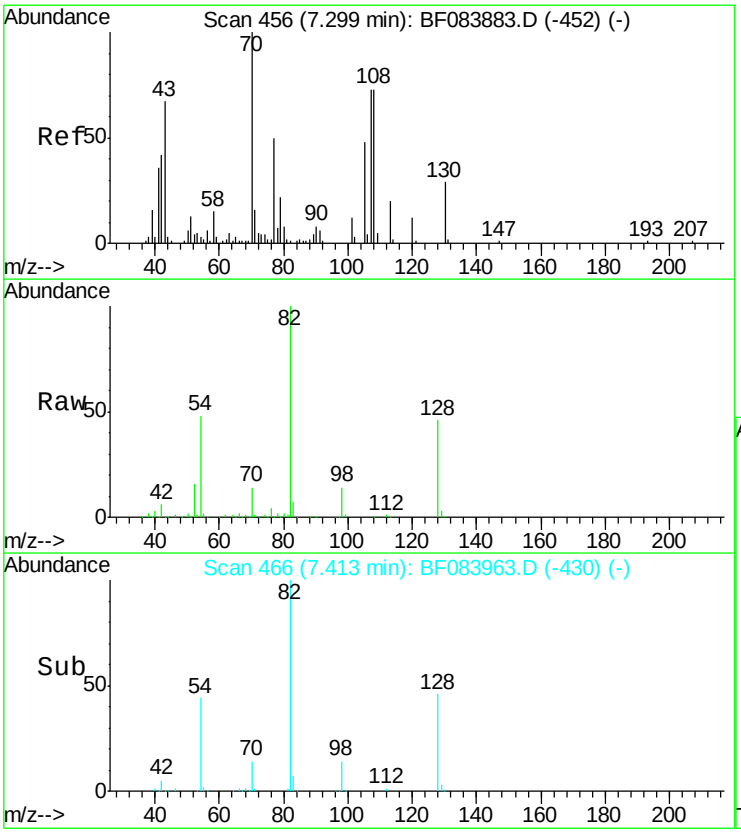
#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion: 79 Resp: 9000

Ion	Ratio	Lower	Upper
79	100		
108	29.9	69.0	103.4#
77	88.5	50.0	75.0#

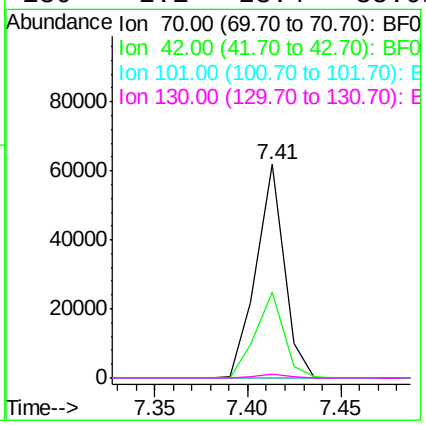


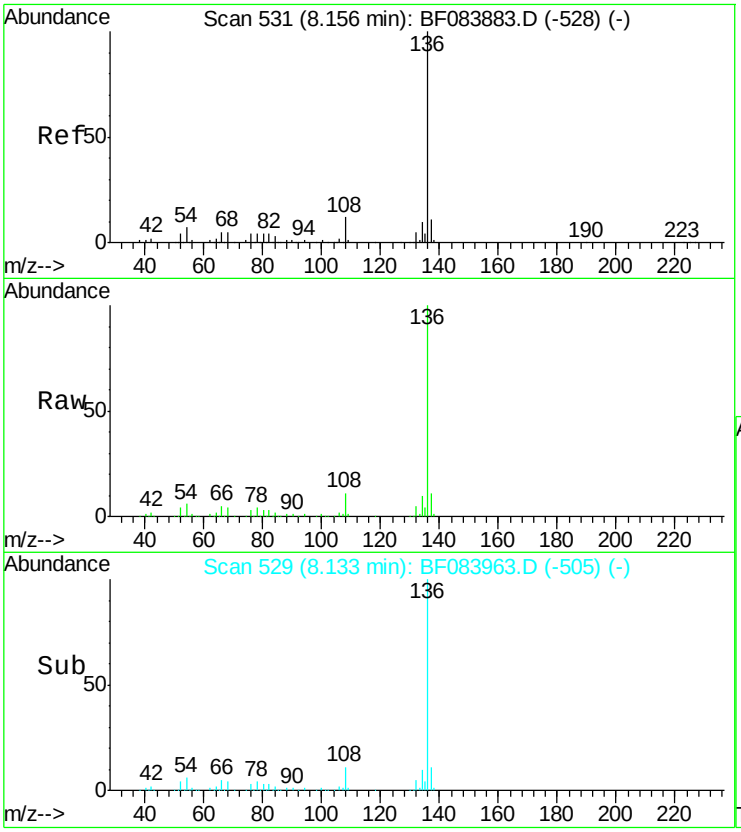


#19
n-Nitroso-di-n-propylamine
Concen: 18.68 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion: 70 Resp: 64735

Ion	Ratio	Lower	Upper
70	100		
42	39.9	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



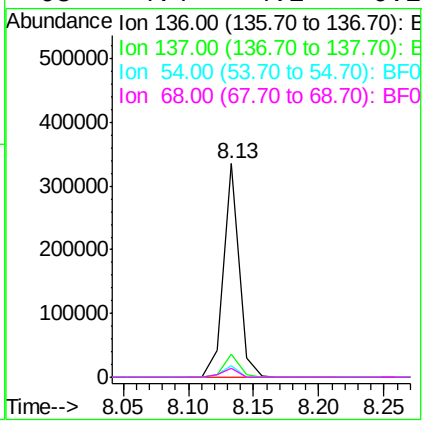


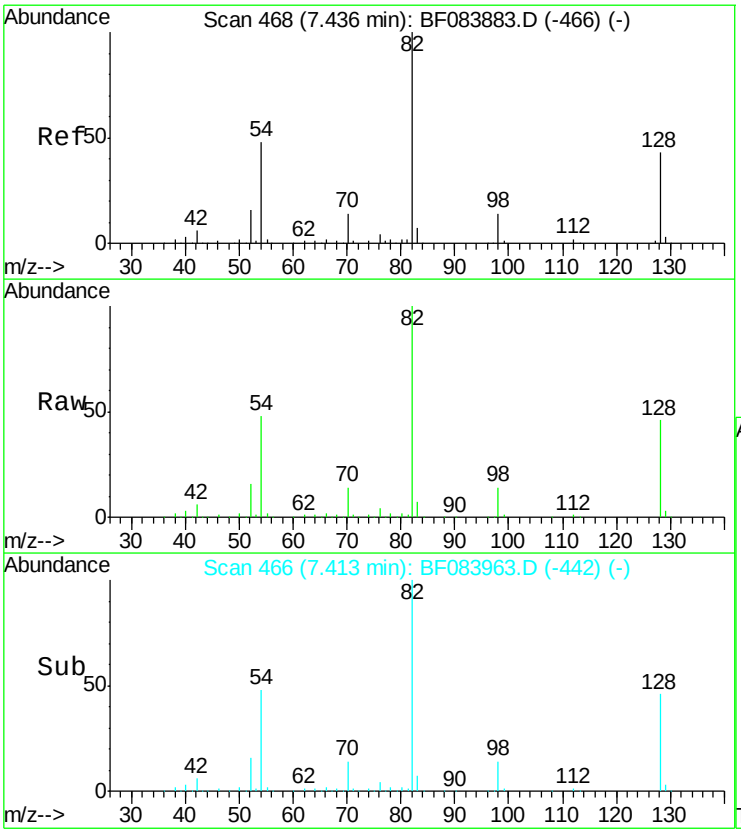
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:136 Resp: 280963

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.6	5.8	8.8#
68	4.4	4.2	6.2

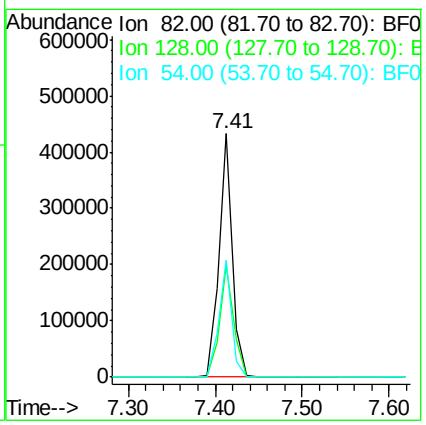


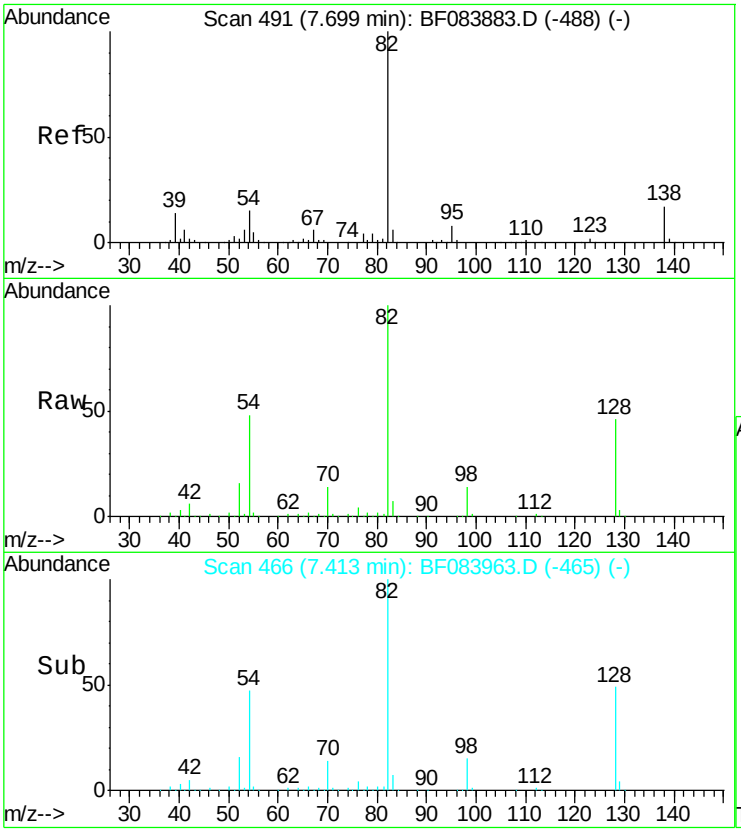


#23
Nitrobenzene-d5
Concen: 95.27 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion: 82 Resp: 468994

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	47.8	38.4	57.6



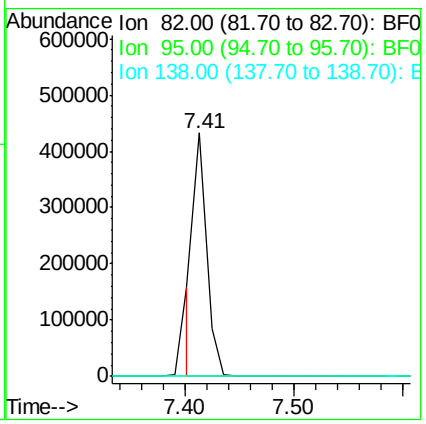


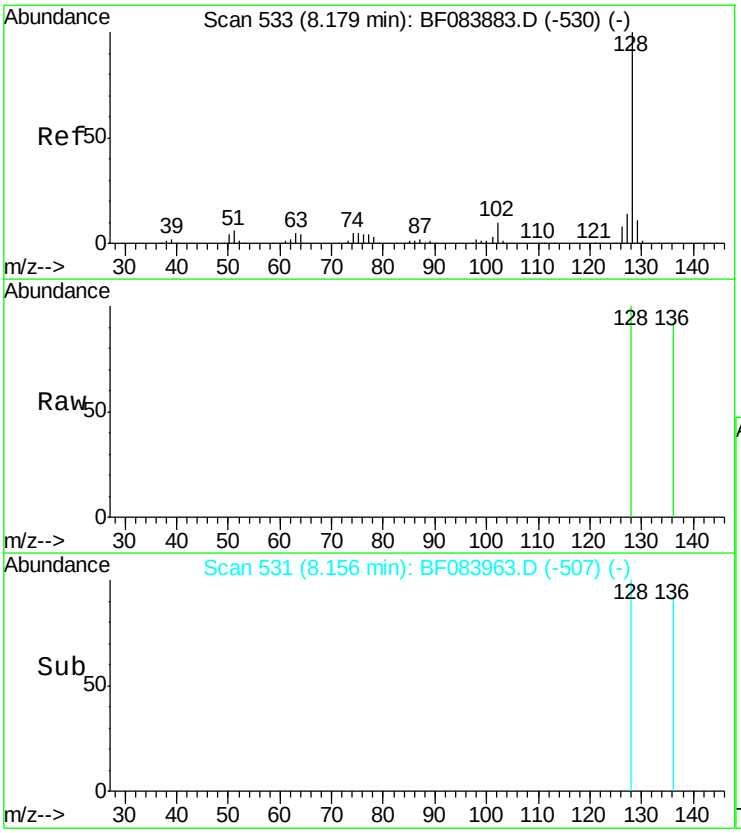
#25
Isophorone
Concen: 38.79 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.29 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion: 82 Resp: 359300

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

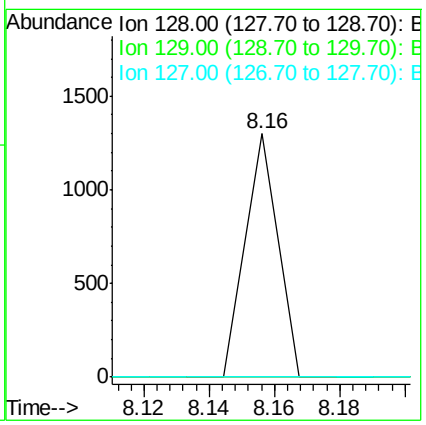


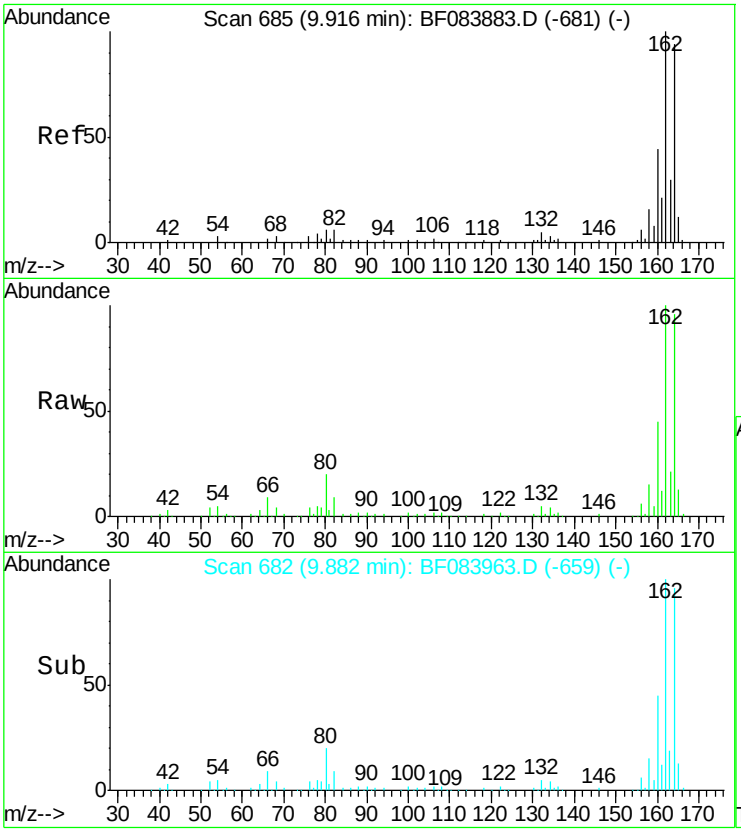


#31
Naphthalene
Concen: Below Cal
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:128 Resp: 891

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.1	13.7#
127	0.0	11.1	16.7#



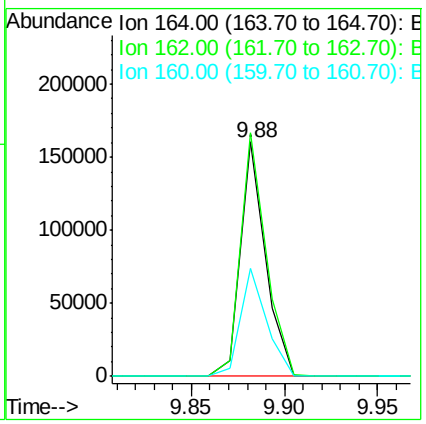


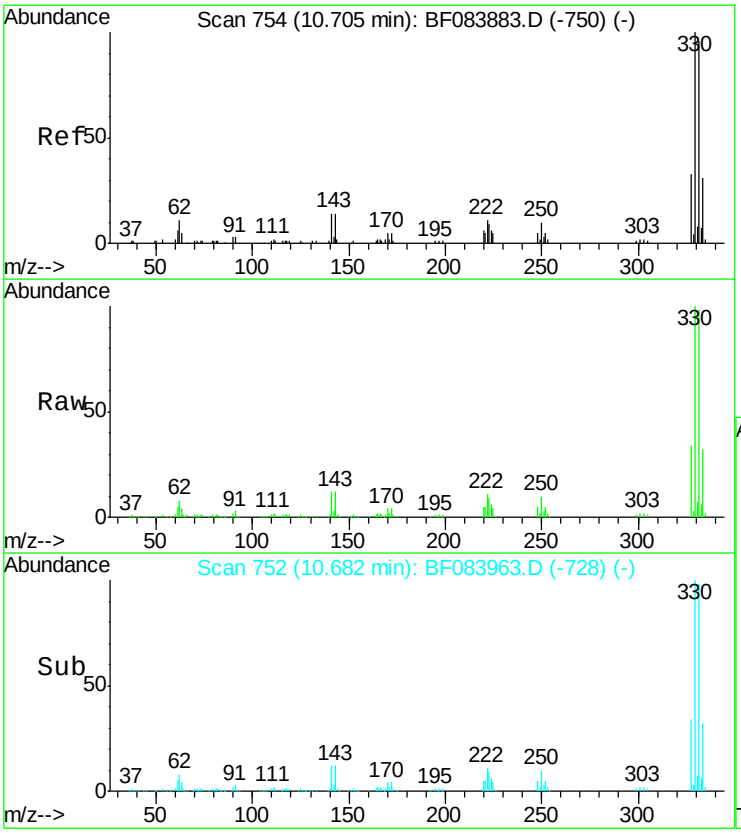
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:164 Resp: 149757

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	46.4	37.5	56.3

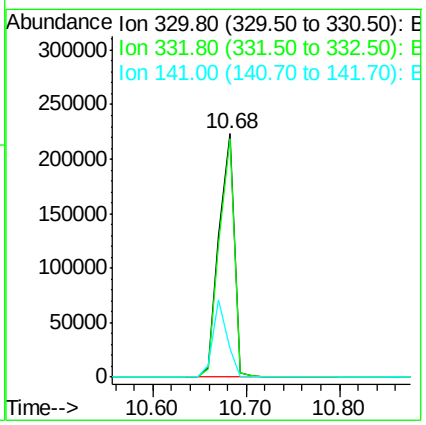


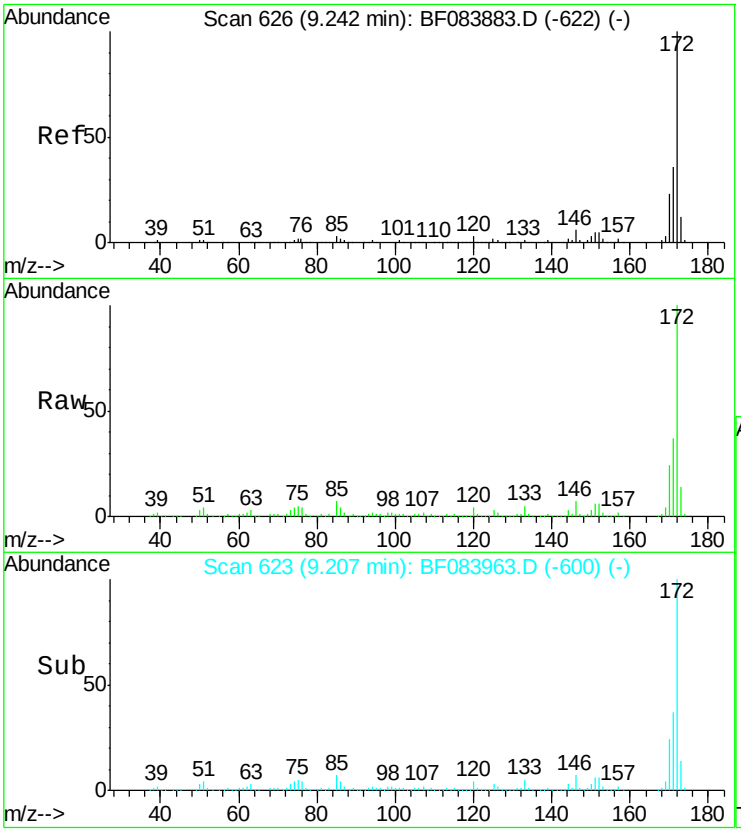


#41
2,4,6-Tribromophenol
Concen: 153.48 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:330 Resp: 253205

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	29.9	27.8	41.6



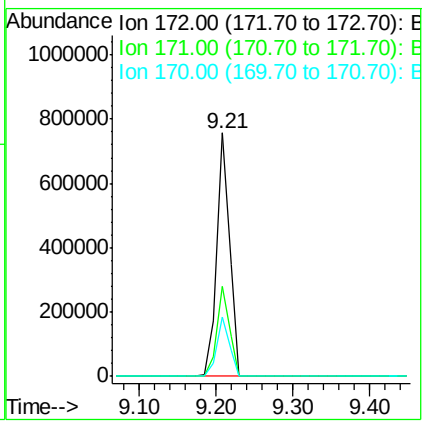


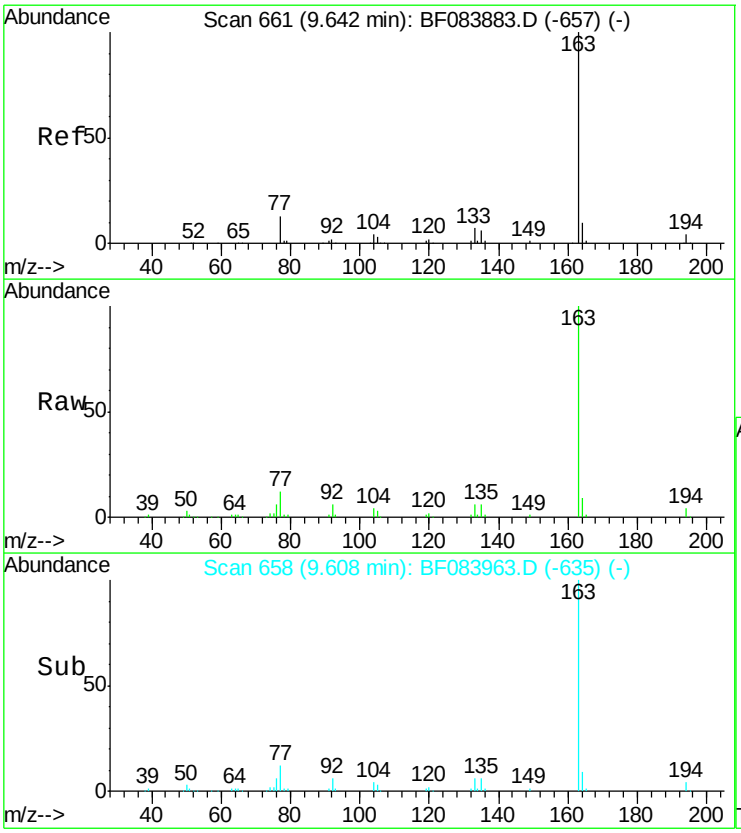
#44
2-Fluorobiphenyl
Concen: 82.74 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:172 Resp: 886178

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.6	27.8

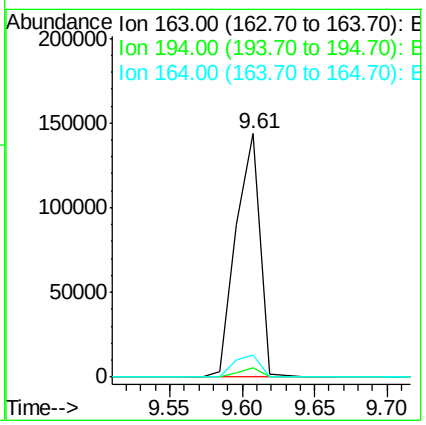


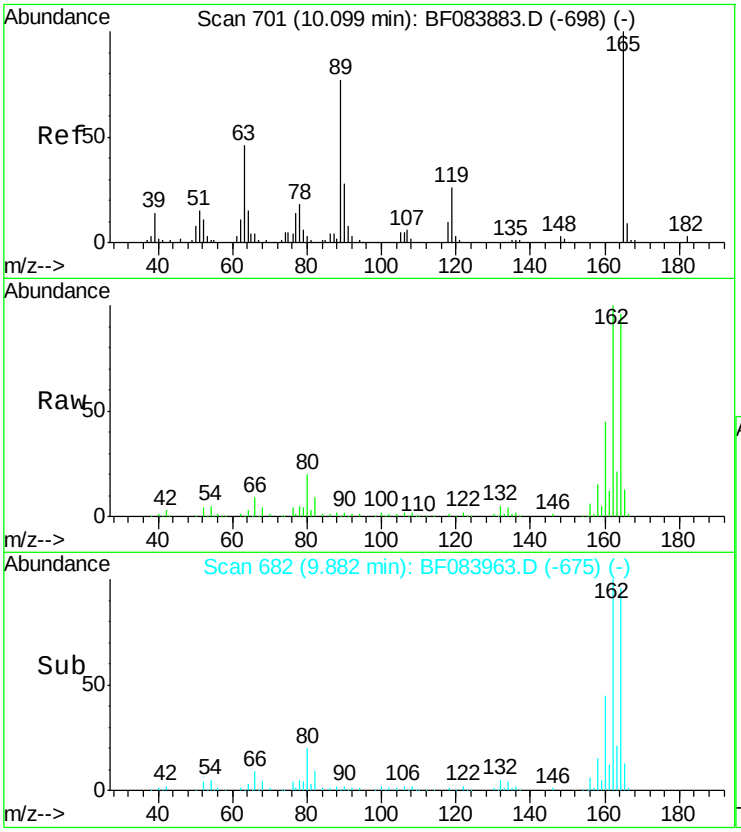


#49
Dimethylphthalate
Concen: 13.08 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:163 Resp: 164412

Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.2	8.0	12.0



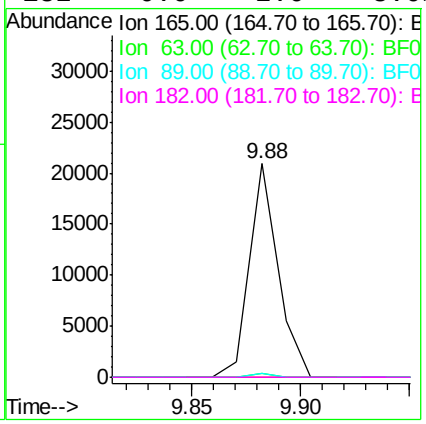


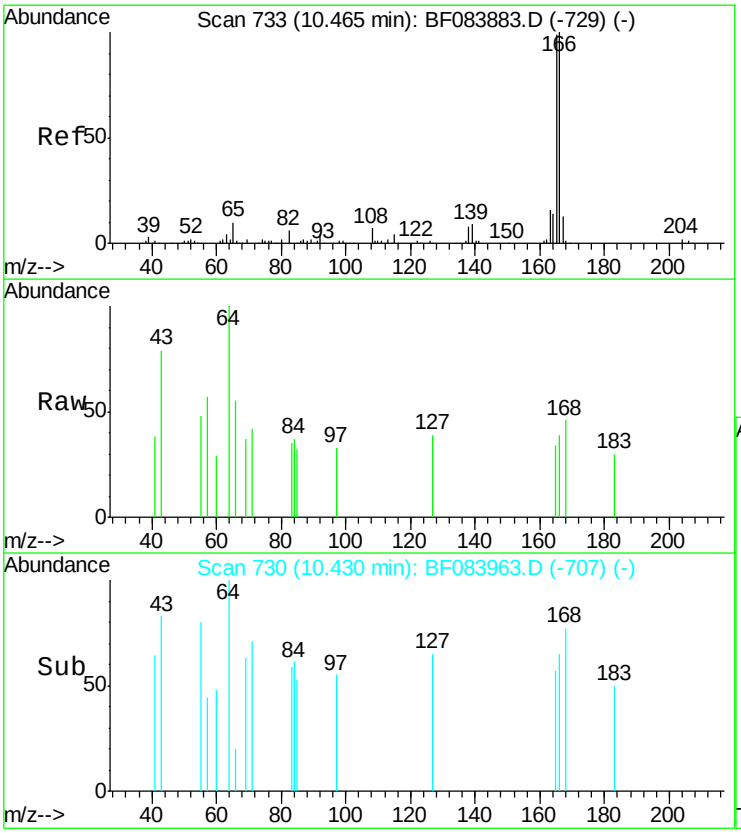
#56
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:165 Resp: 19143

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.7	55.1#
89	1.6	61.9	92.9#
182	0.0	2.0	3.0#

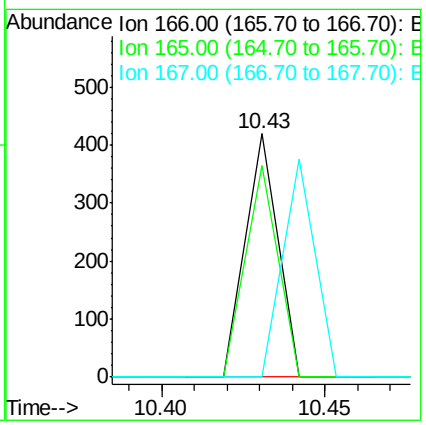


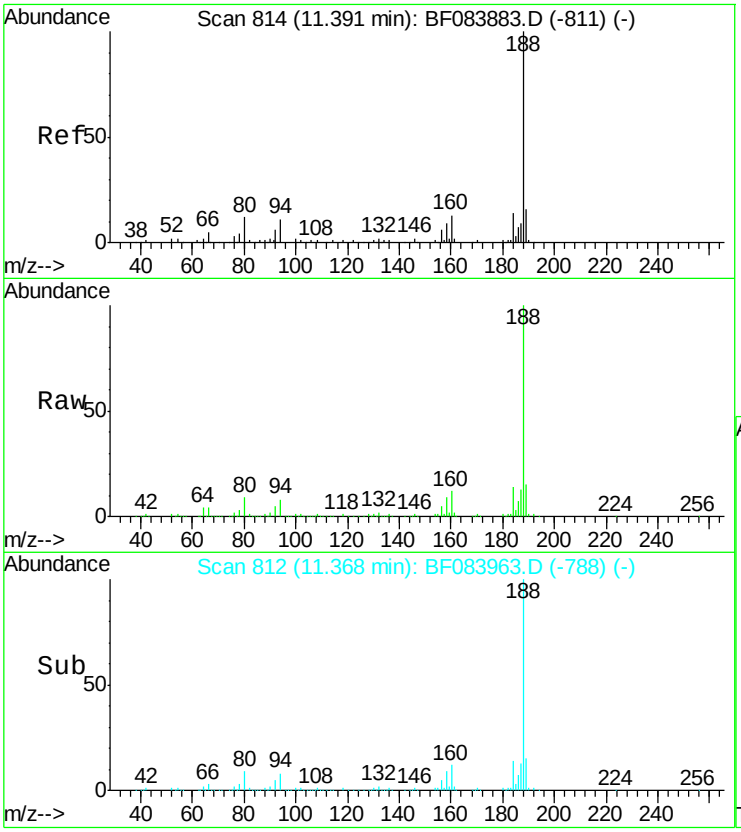


#57
Fluorene
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:166 Resp: 288

Ion	Ratio	Lower	Upper
166	100		
165	87.1	79.1	118.7
167	0.0	10.4	15.6#



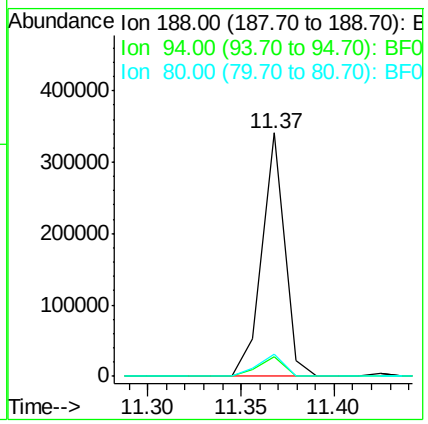


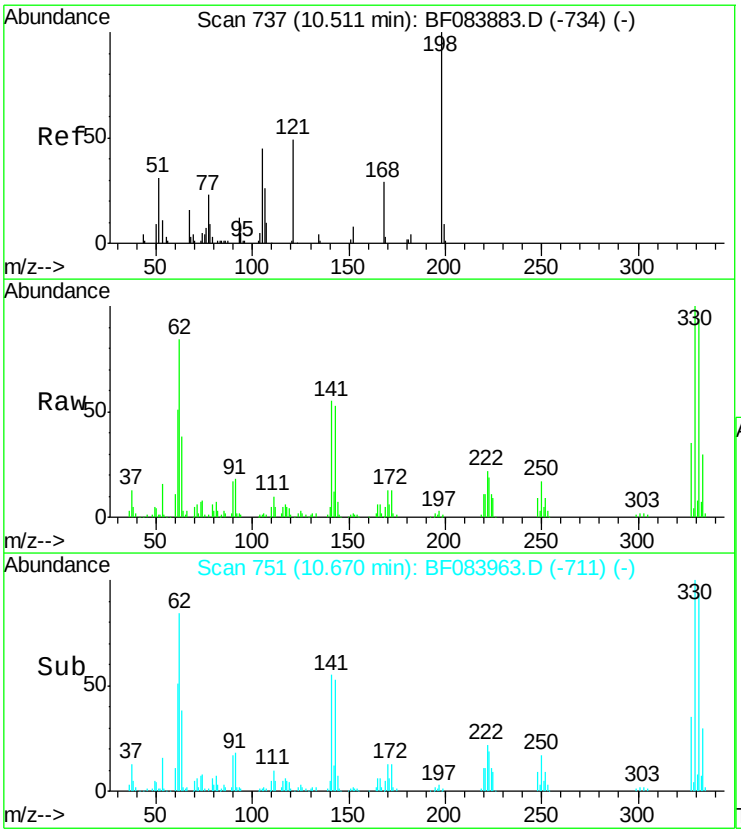
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:188 Resp: 286864

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.9	9.6	14.4#

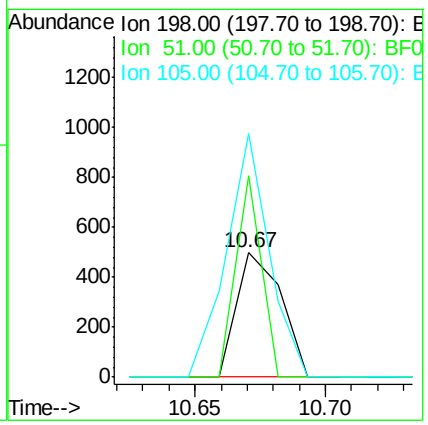


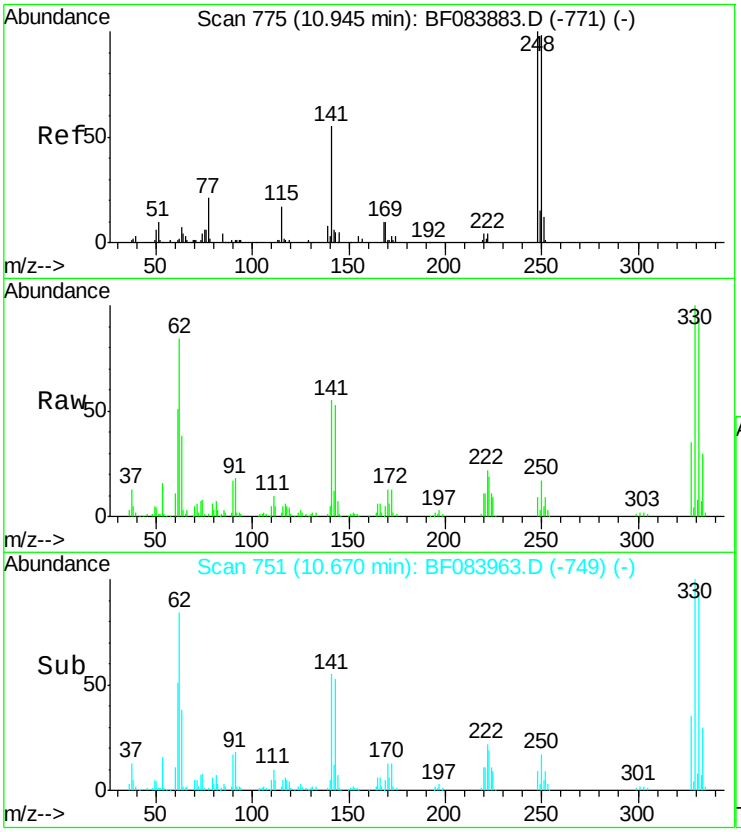


#64
4,6-Dinitro-2-methylphenol
Concen: 4.24 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.16 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:198 Resp: 595

Ion	Ratio	Lower	Upper
198	100		
51	162.0	18.9	58.9#
105	196.0	26.4	66.4#



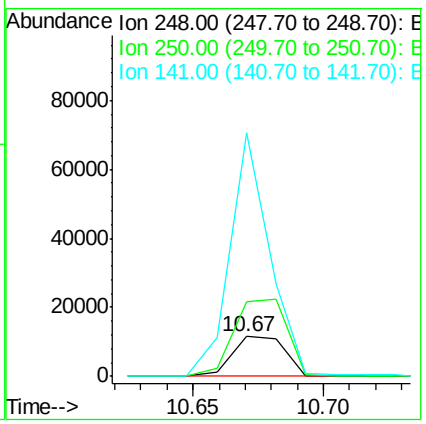


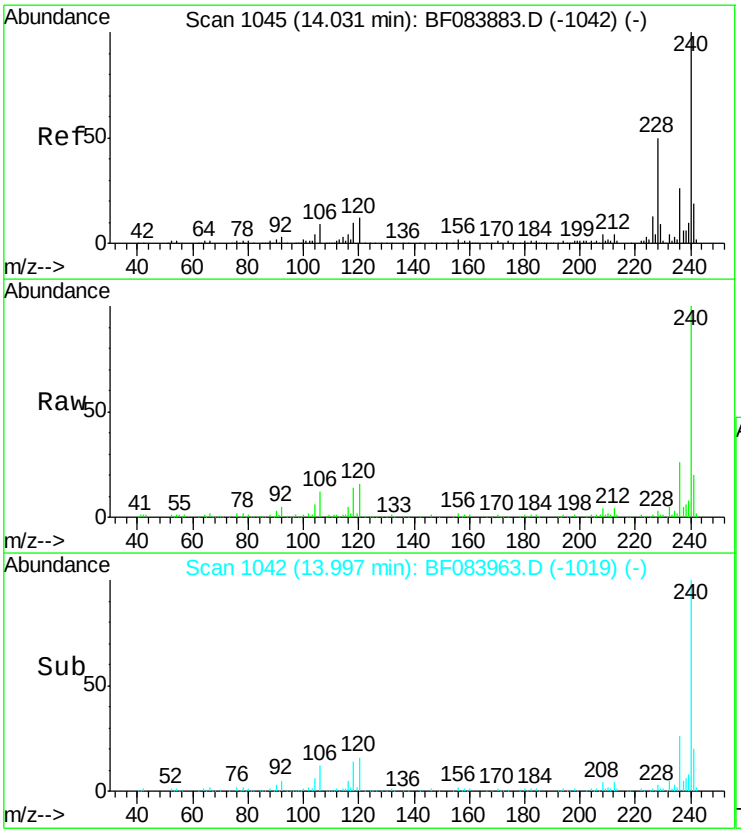
#66
4-Bromophenyl-phenylether
Concen: 4.58 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:248 Resp: 16054

Ion	Ratio	Lower	Upper
248	100		
250	186.7	78.4	117.6#
141	613.0	44.0	66.0#

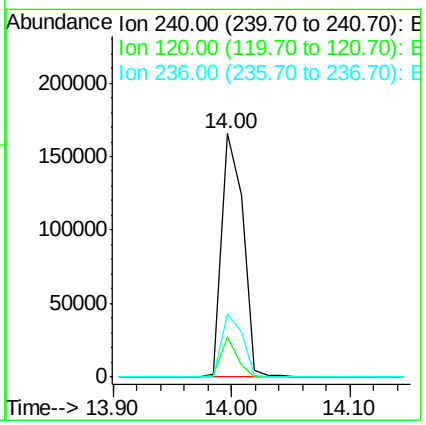


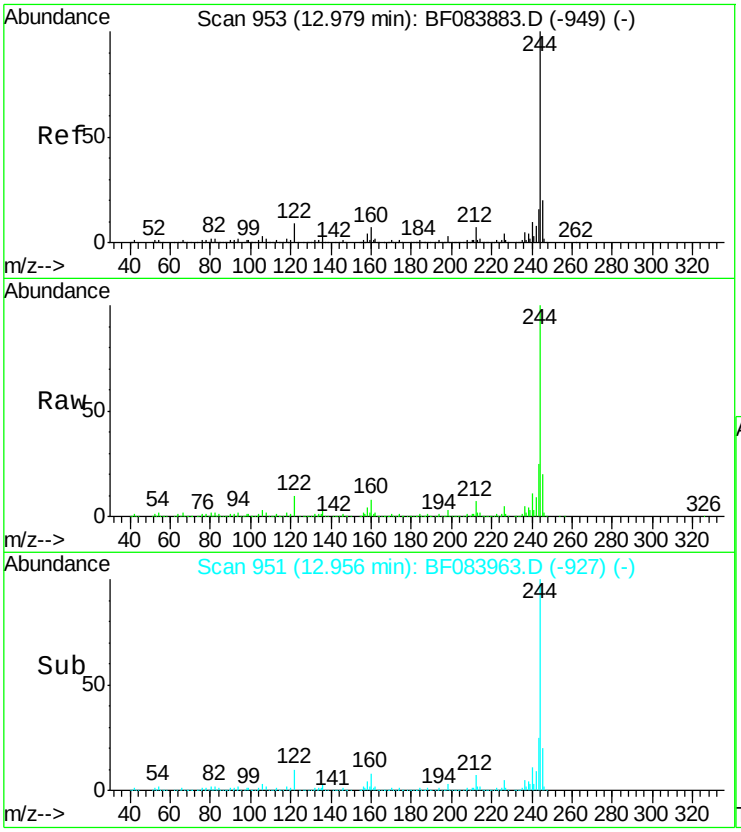


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:240 Resp: 205747

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	25.8	20.6	31.0



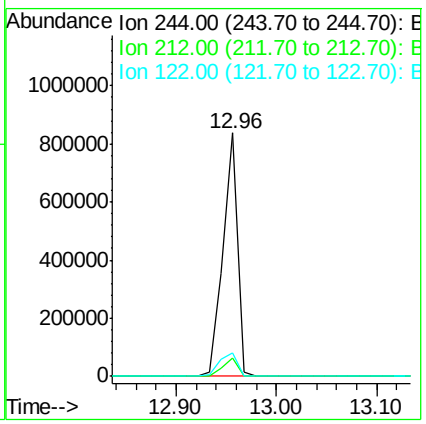


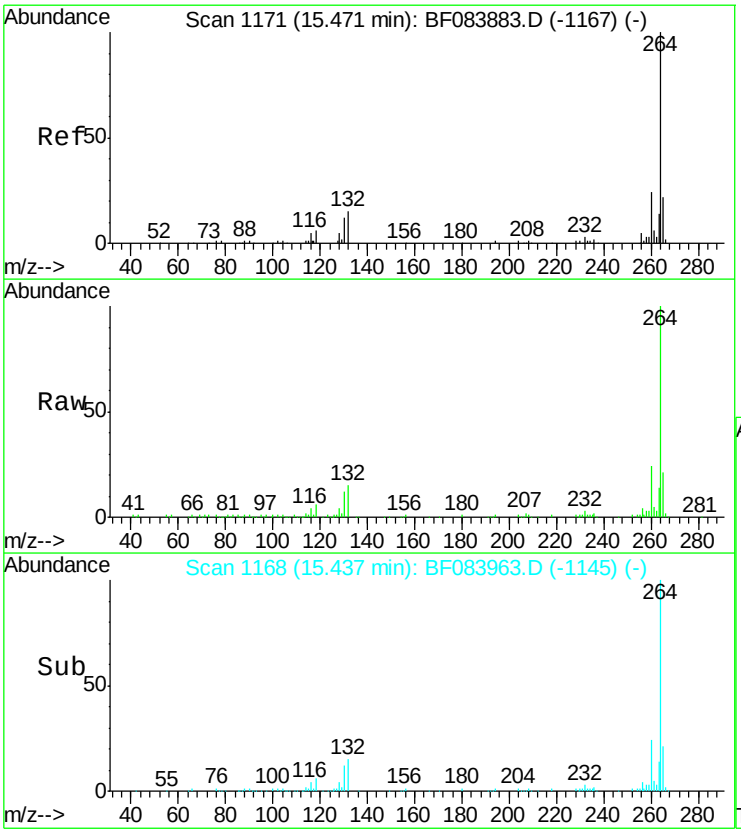
#78
Terphenyl-d14
Concen: 96.17 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Tgt Ion:244 Resp: 839057

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.5	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083963.D
Acq: 19 Dec 2015 19:15

Tgt Ion:264 Resp: 163147

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	17.8	26.6