Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088515.D
Acq On : 30 Jun 2016 2:51
Operator : UM/SJ
Sample : H3829-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-GF-011

Quant Time: Jun 30 03:25:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142710	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	501478	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	204885	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	321094	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	299824	20.00	ng	-0.01
86) Perylene-d12	15.36	264	332028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	805895	87.45	ng	0.00
7) Phenol-d6	6.44	99	1139786	96.72	ng	-0.01
23) Nitrobenzene-d5	7.38	82	666170	69.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	163342	103.98	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1037143	79.72	ng	-0.01
78) Terphenyl-d14	12.91	244	673613	42.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	93495	11.66	ng	#	80
25) Isophorone	7.38	82	511855	26.54	ng	#	64
45) 1,1'-Biphenyl	9.18	154	1913	Below Cal		#	1
49) Dimethylphthalate	9.58	163	534394	37.99	ng		99
56) 2,4-Dinitrotoluene	9.85	165	26704	6.93	ng	#	30
59) Diethylphthalate	10.27	149	43142	2.94	ng		98
64) 4,6-Dinitro-2-methylphenol	10.64	198	481	3.78	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	10886	3.13	ng	#	1
69) Pentachlorophenol	11.13	266	285	3.26	ng	#	20
70) Phenanthrene	11.35	178	2465	Below Cal			96
71) Anthracene	11.35	178	2465	Below Cal			96

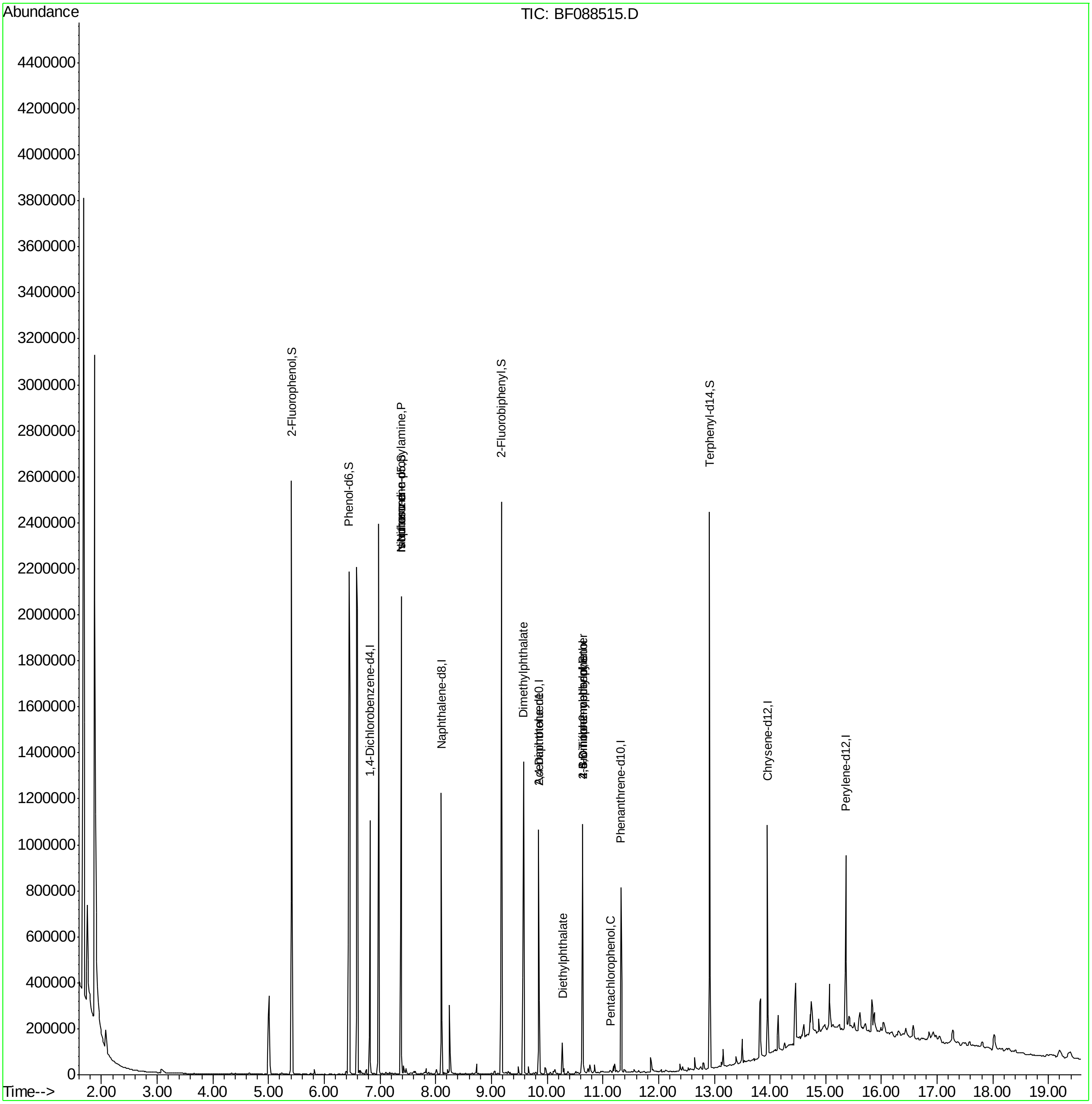
(#) = qualifier out of range (m) = manual integration (+) = signals summed

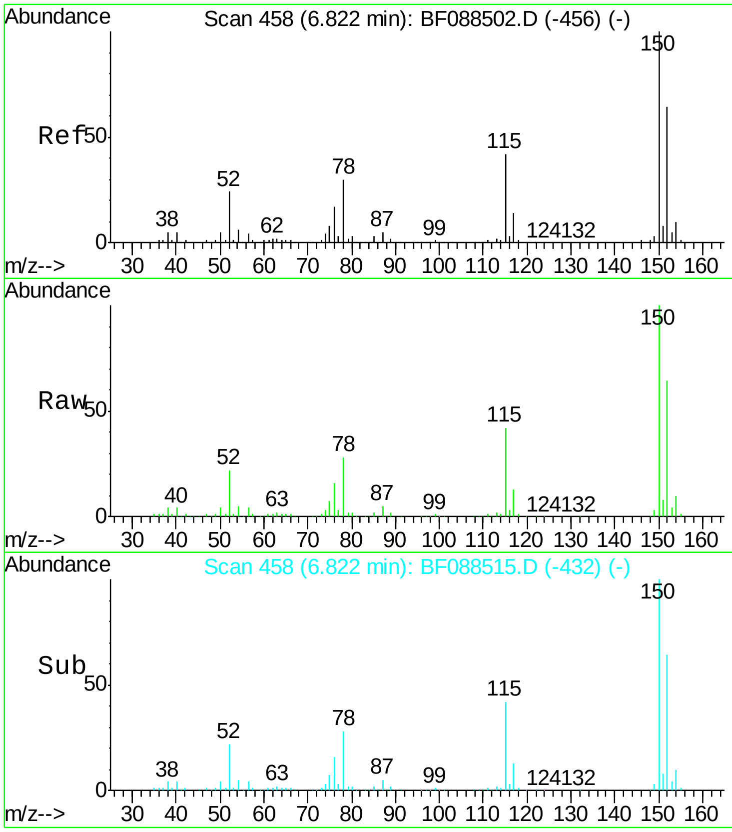
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088515.D
Acq On : 30 Jun 2016 2:51
Operator : UM/SJ
Sample : H3829-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Quant Time: Jun 30 03:25:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 02:07:38 2016
Response via : Initial Calibration



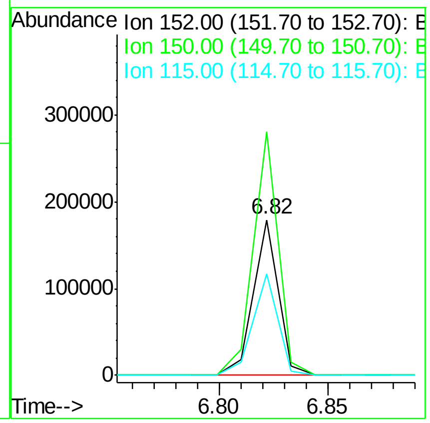


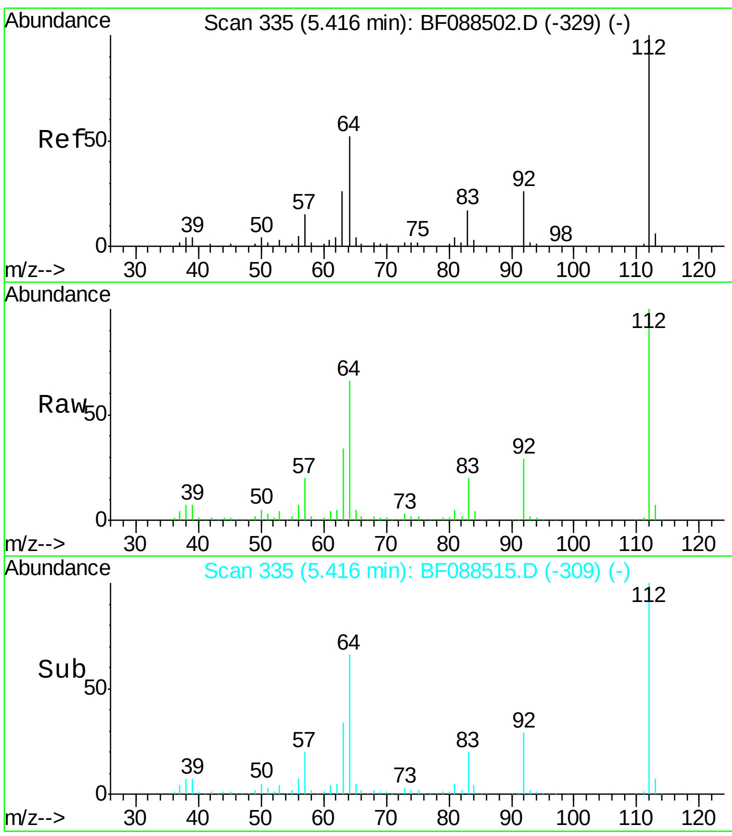
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:152 Resp: 142710

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	65.1	52.3	78.5

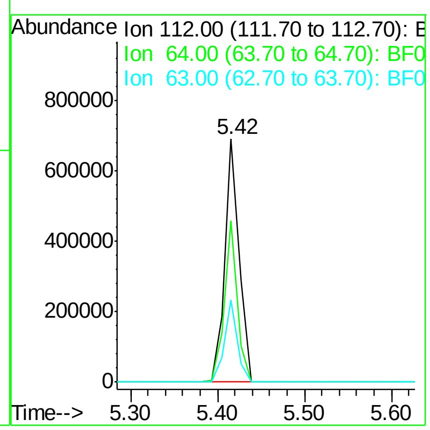




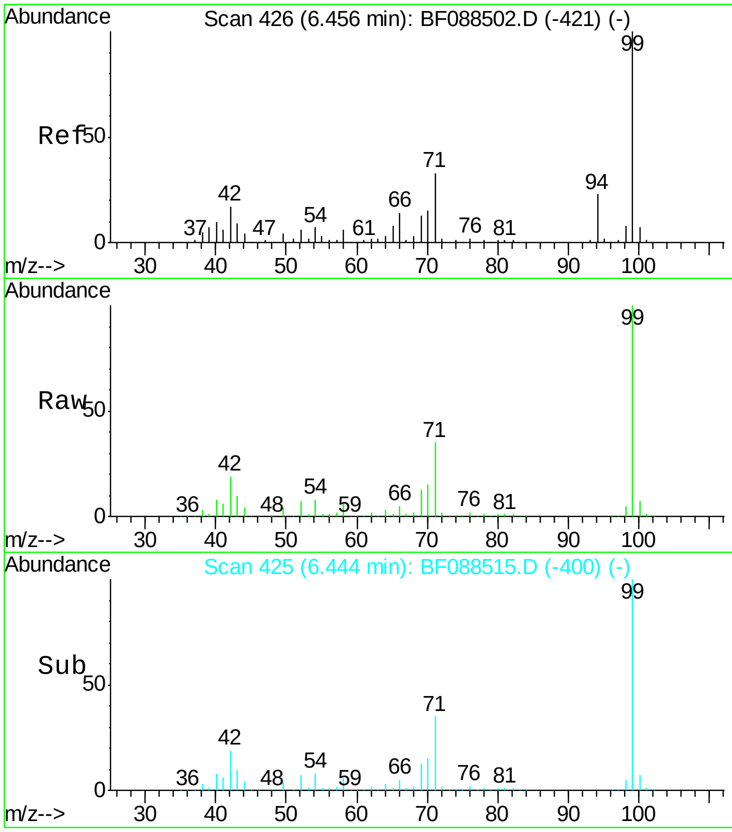
#5
2-Fluorophenol
Concen: 87.45 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:112 Resp: 805895

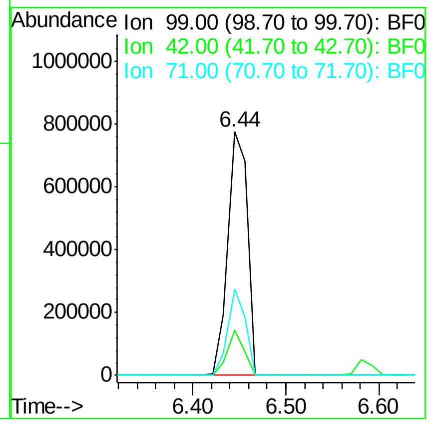
Ion	Ratio	Lower	Upper
112	100		
64	66.4	41.5	62.3#
63	34.0	20.6	31.0#

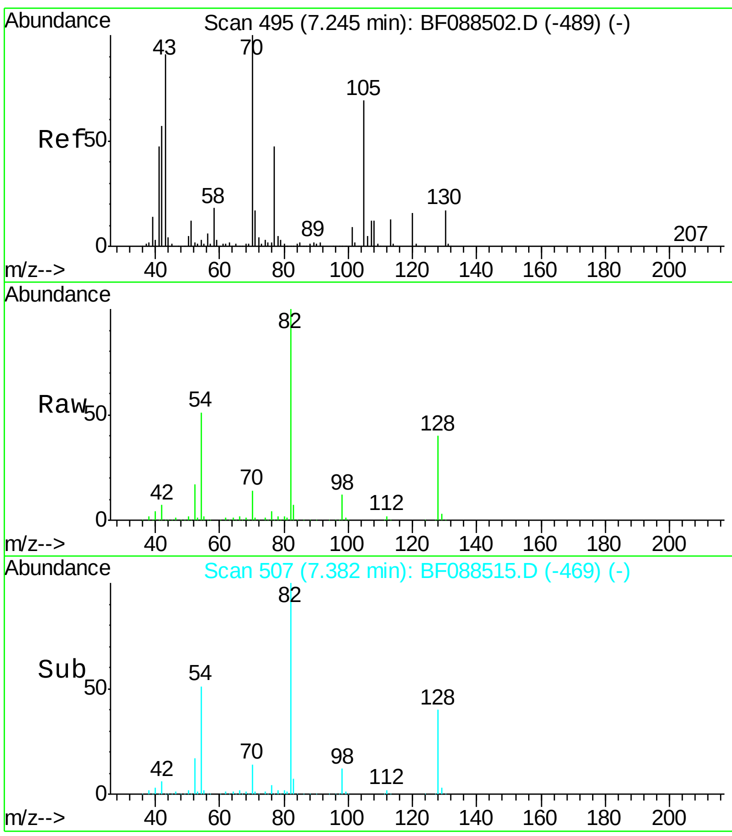


Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

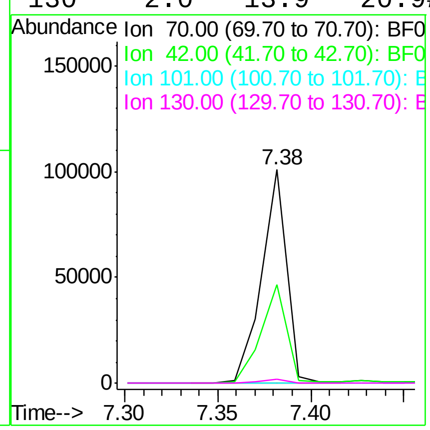



```
#7
Phenol-d6
Concen:   96.72 ng
RT: 6.44 min  Scan# 425
Delta R.T.   -0.01 min
Lab File:   BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion: 99 Resp: 1139786
Ion  Ratio  Lower  Upper
 99  100
 42   18.8   13.4   20.0
 71   35.3   26.1   39.1
```

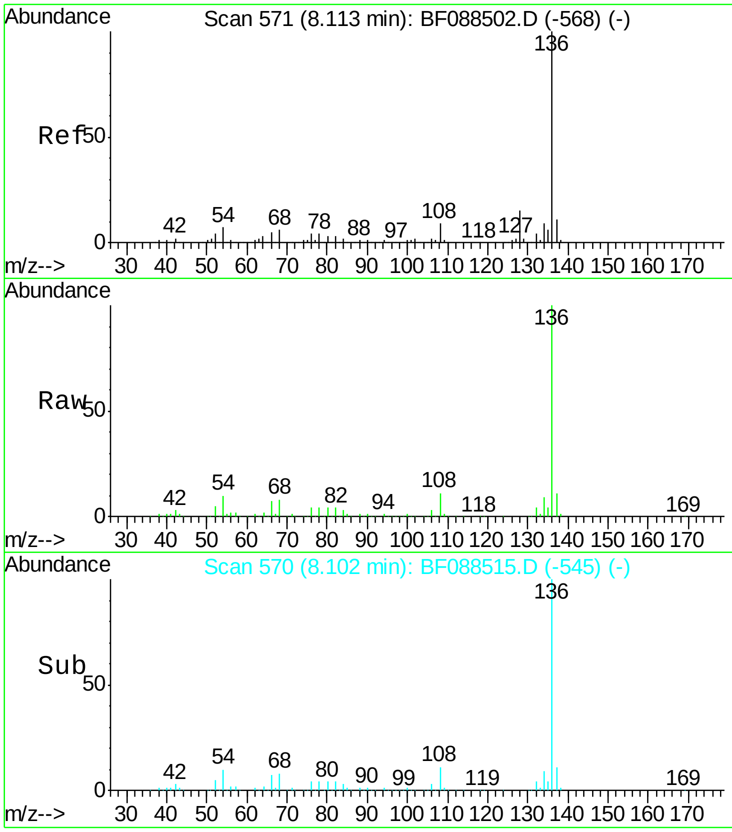





```
#19
n-Nitroso-di-n-propylamine
Concen:   11.66 ng
RT: 7.38 min  Scan# 507
Delta R.T.   0.14 min
Lab File:   BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion: 70 Resp:   93495
Ion  Ratio  Lower  Upper
 70  100
 42   46.4   45.9   68.9
101    0.0    6.8   10.2#
130    2.0   13.9   20.9#
```



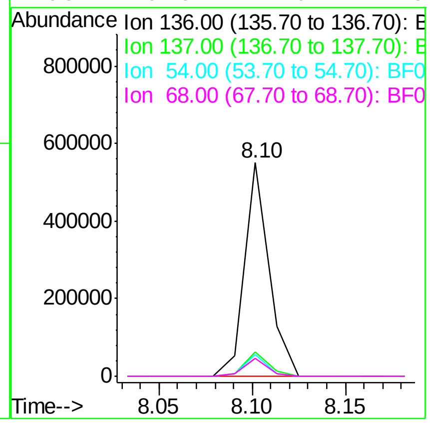
Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

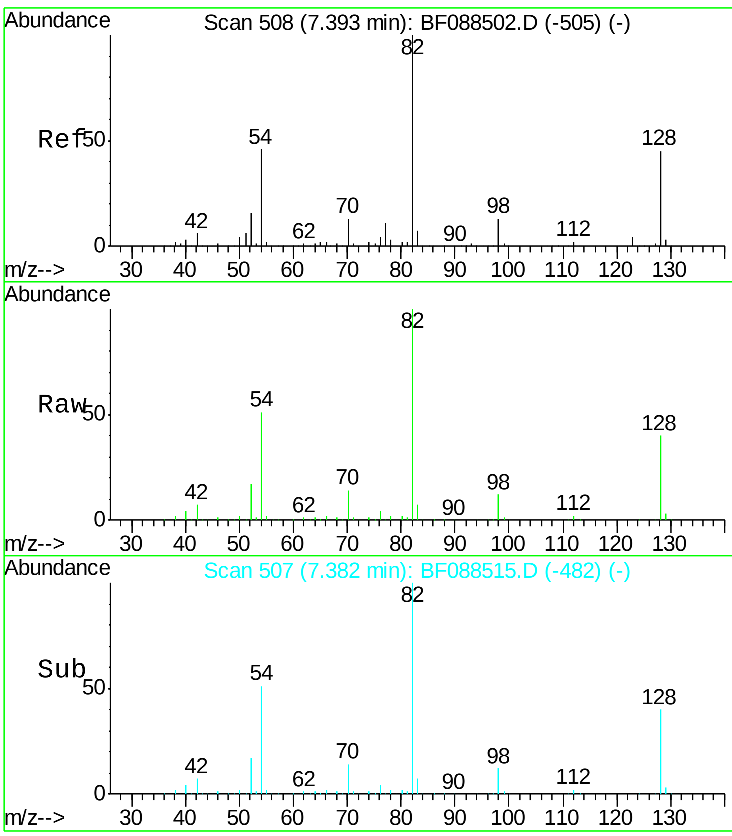


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:136 Resp: 501478

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.0	5.4	8.2#
68	8.3	4.9	7.3#

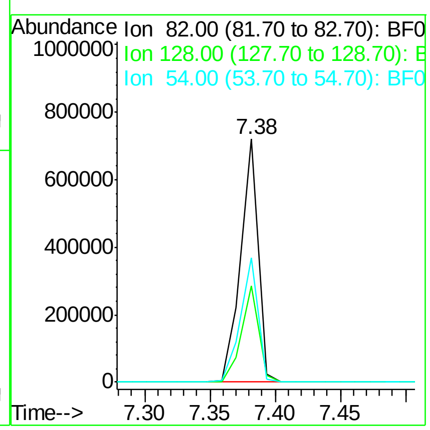


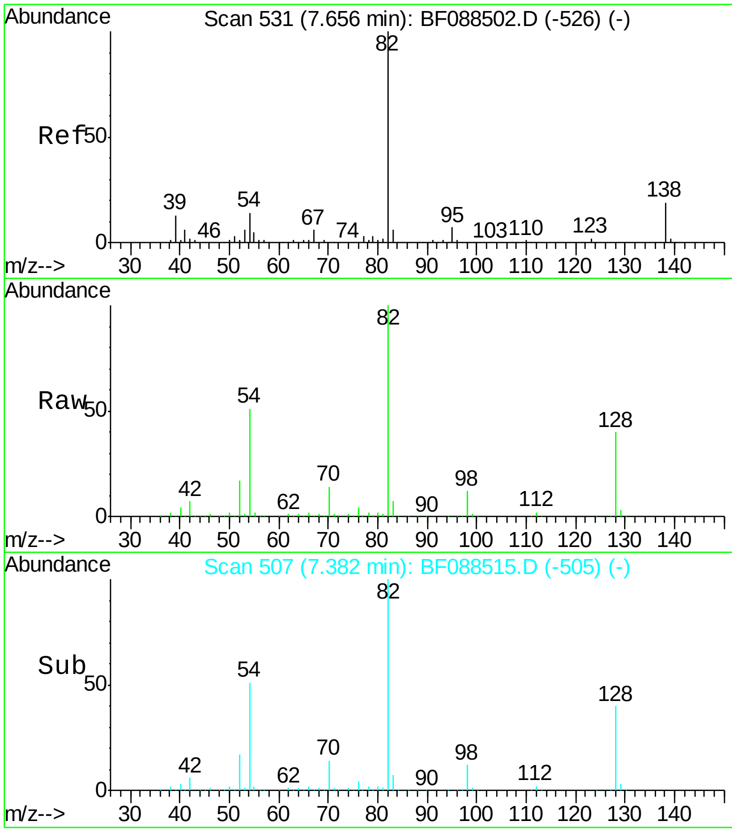


#23
Nitrobenzene-d5
Concen: 69.77 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion: 82 Resp: 666170

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.8	53.8
54	51.4	37.1	55.7



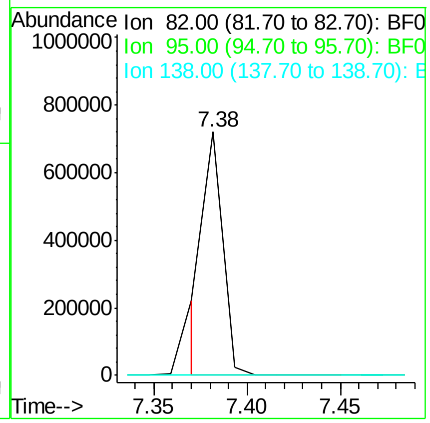


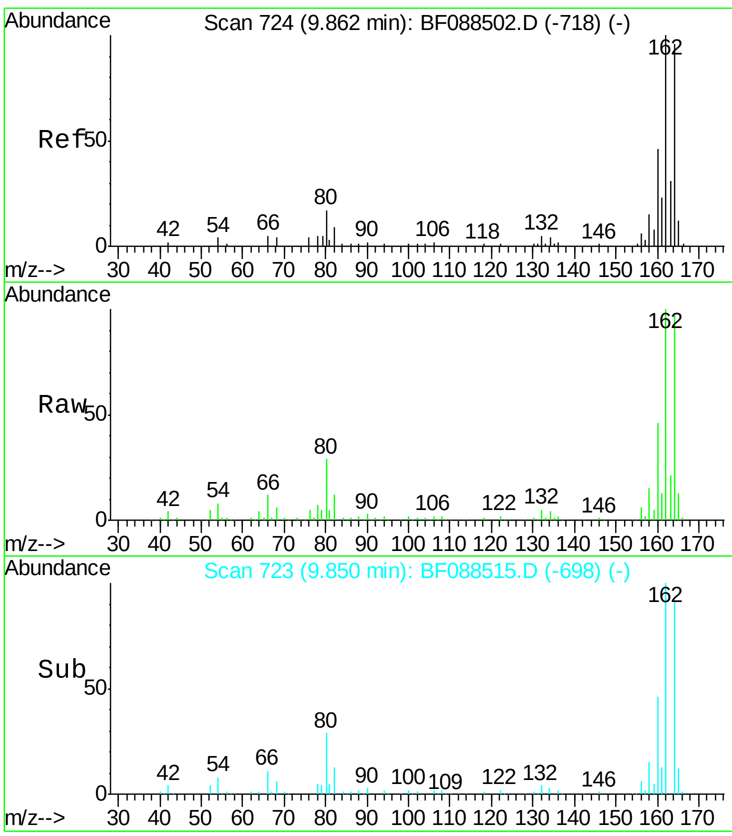
#25
Isophorone
Concen: 26.54 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.27 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion: 82 Resp: 511855

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

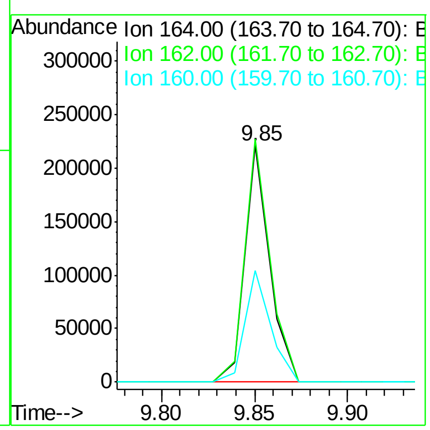


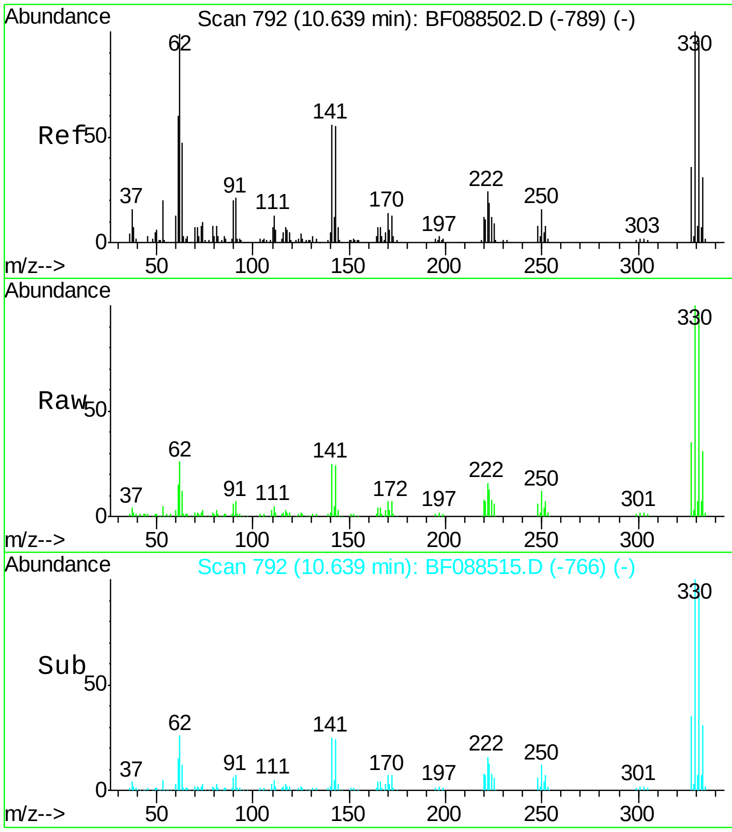


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:164 Resp: 204885

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.7	125.5
160	47.2	38.9	58.3



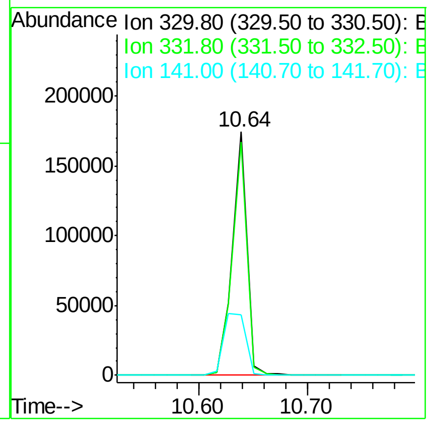


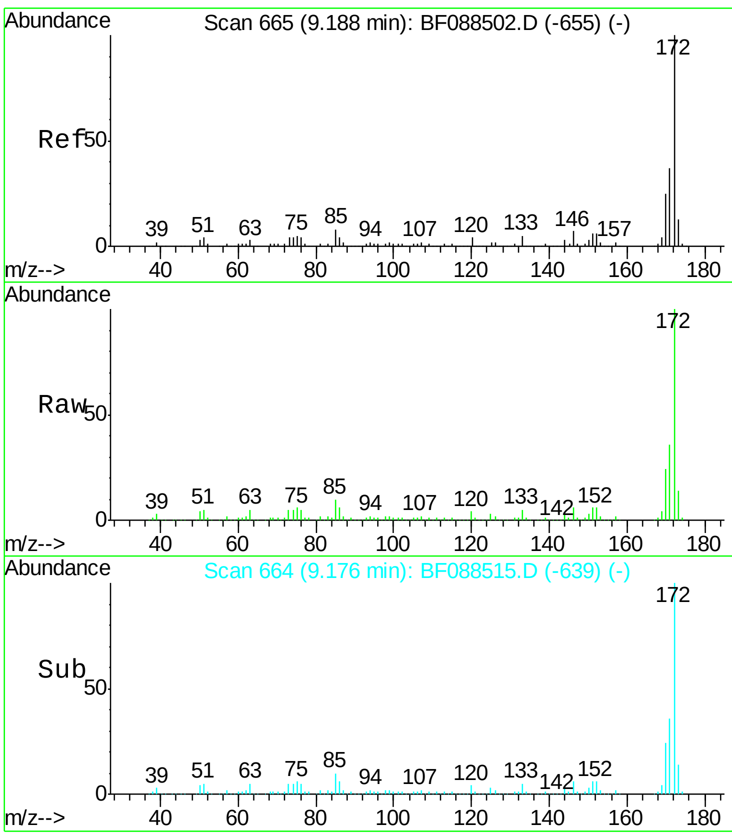
#41
2,4,6-Tribromophenol
Concen: 103.98 ng
RT: 10.64 min   Scan# 792
Delta R.T.   -0.00 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:330 Resp: 163342

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.9	0.0	0.0#

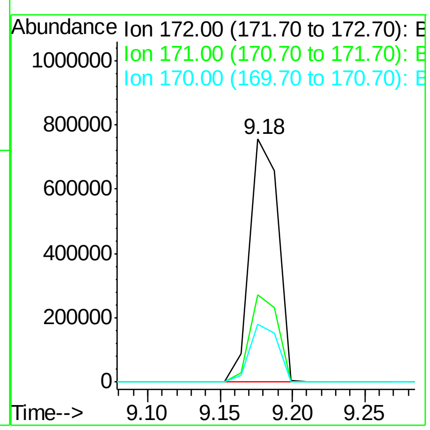


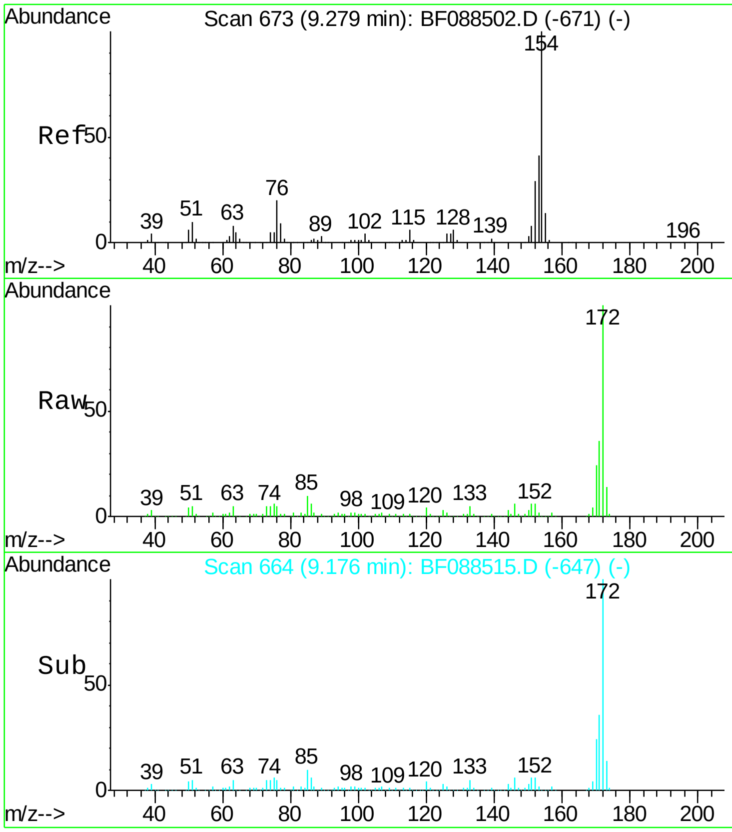


#44
2-Fluorobiphenyl
Concen: 79.72 ng
RT: 9.18 min   Scan# 664
Delta R.T.   -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion:172 Resp: 1037143

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	23.9	19.8	29.8

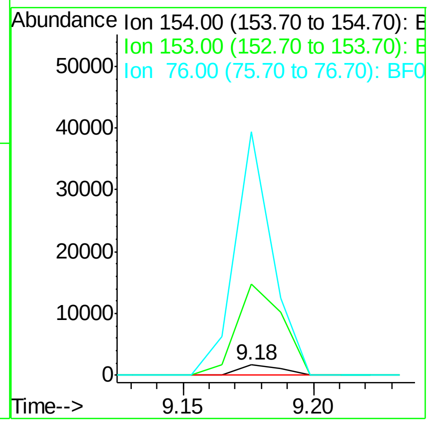


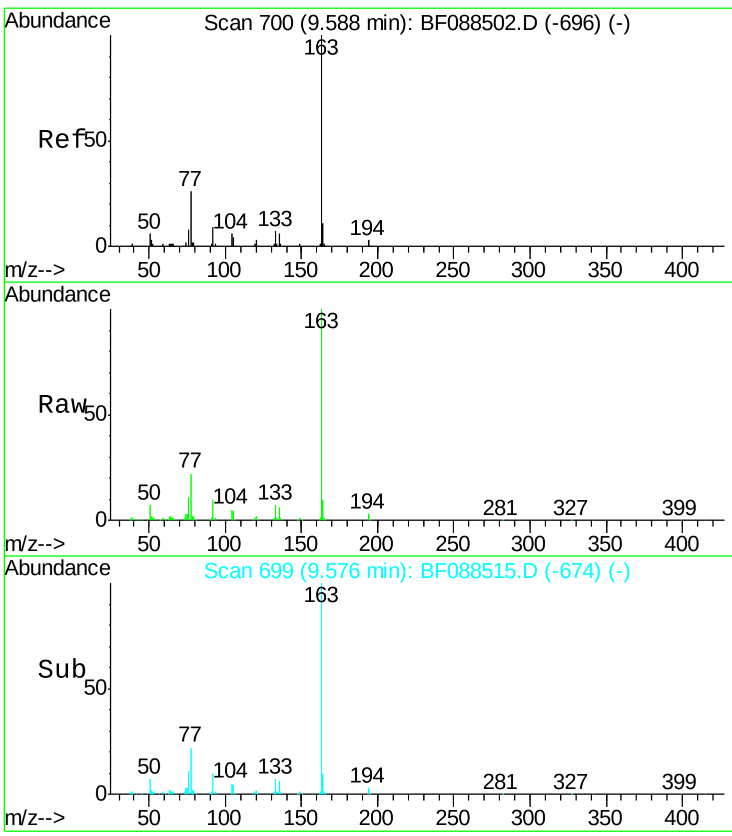


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.10 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

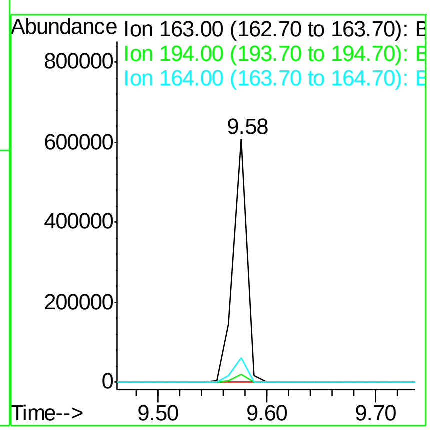
Tgt Ion:154	Resp:		1913
Ion	Ratio	Lower	Upper
154	100		
153	896.0	20.8	60.8#
76	2394.7	0.0	39.9#

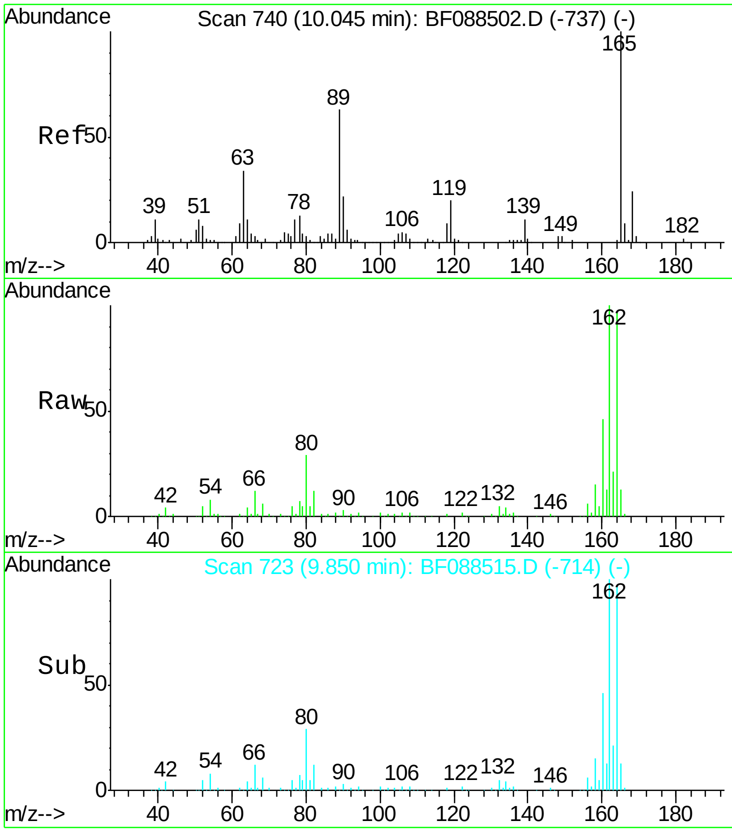




#49
Dimethylphthalate
Concen: 37.99 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:163	Resp:		534394
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.5	12.7



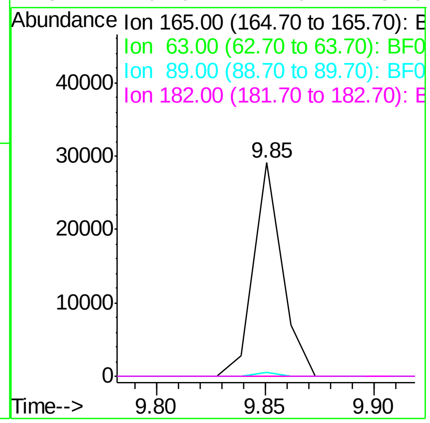


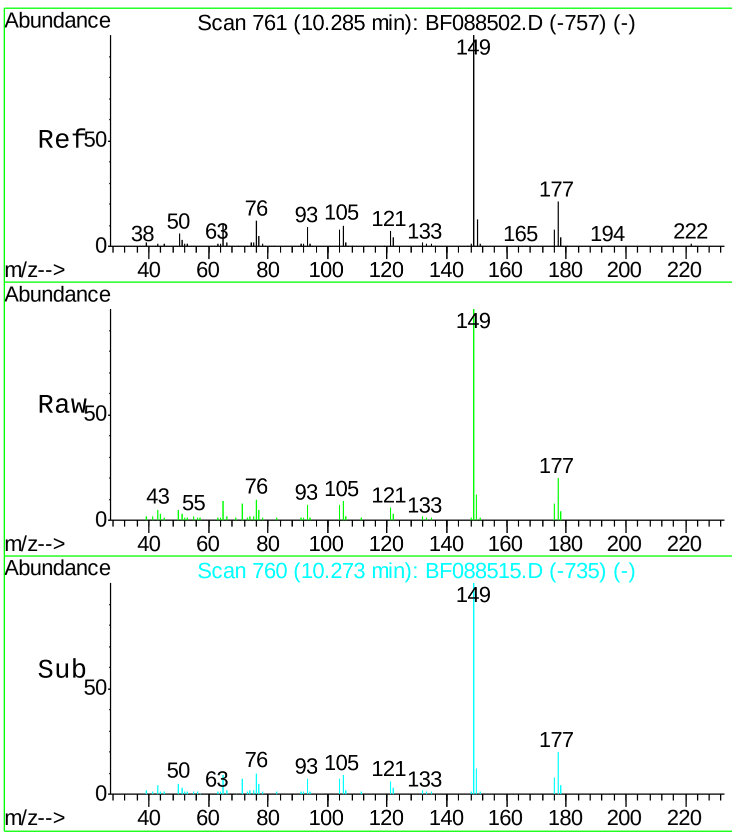
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.19 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:165 Resp: 26704

Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.3	40.9#
89	1.6	50.4	75.6#
182	0.0	2.0	3.0#

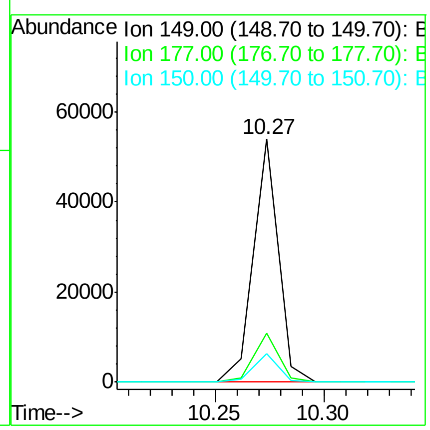


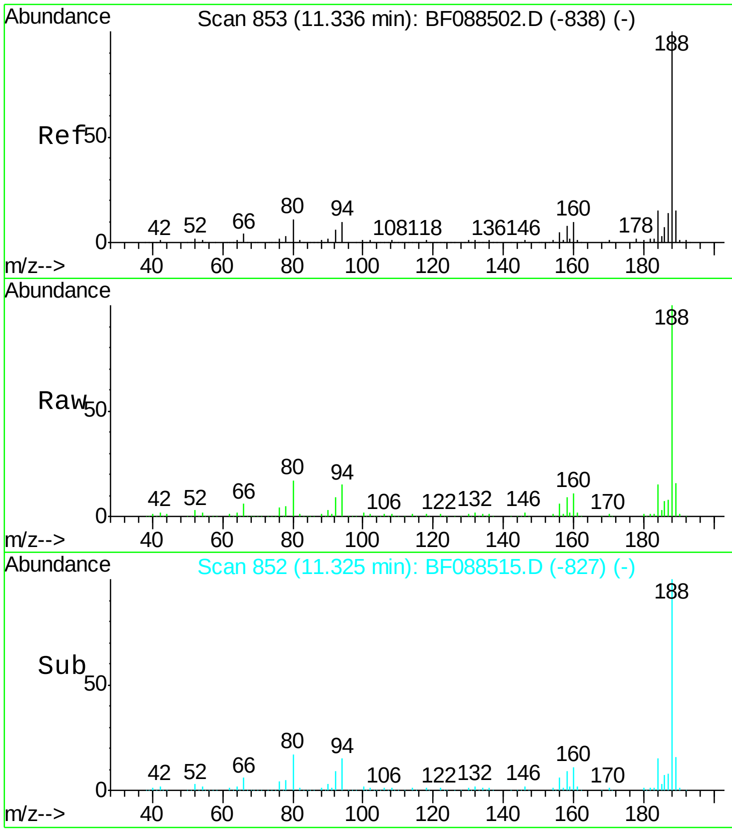


#59
Diethylphthalate
Concen: 2.94 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:149 Resp: 43142

Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.8	25.2
150	11.6	10.3	15.5



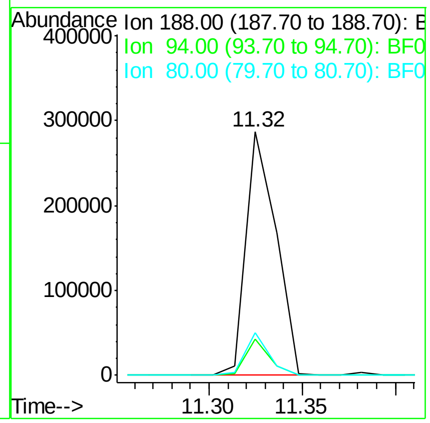


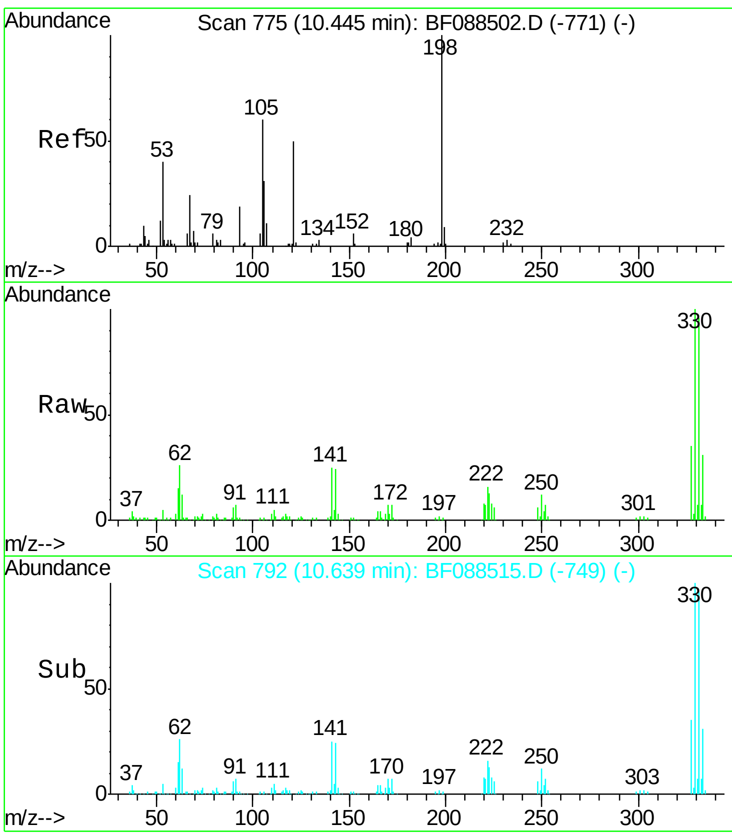
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min   Scan# 852
Delta R.T.   -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:188 Resp: 321094

Ion	Ratio	Lower	Upper
188	100		
94	15.1	7.8	11.8#
80	17.5	8.7	13.1#

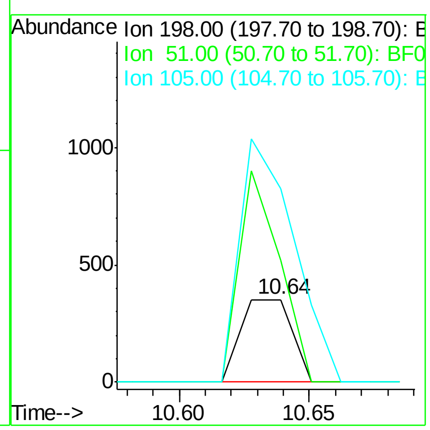


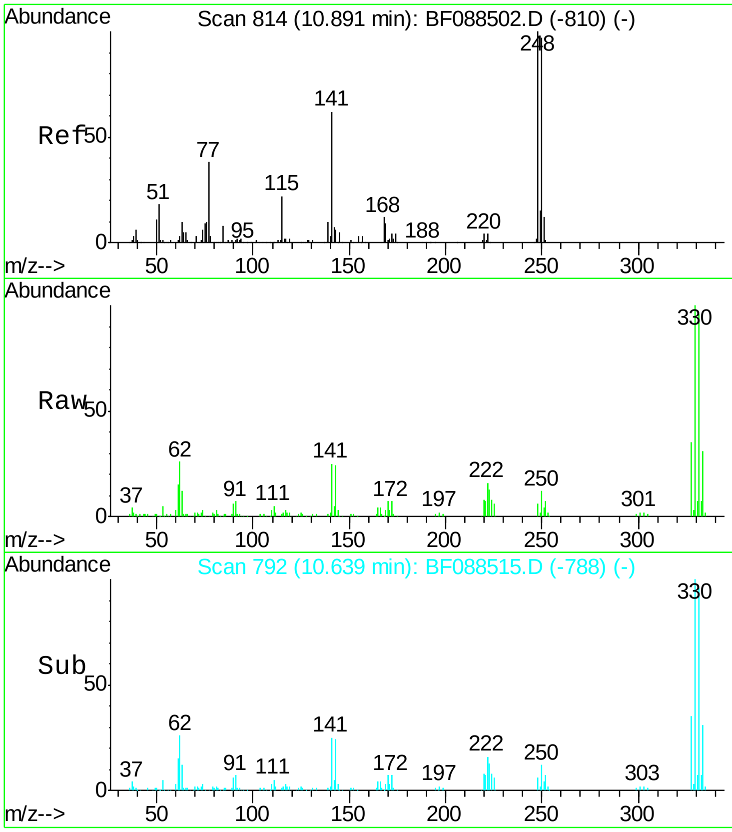


#64
4,6-Dinitro-2-methylphenol
Concen: 3.78 ng
RT: 10.64 min   Scan# 792
Delta R.T.   0.20 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion:198 Resp: 481

Ion	Ratio	Lower	Upper
198	100		
51	146.9	42.4	82.4#
105	234.1	41.2	81.2#



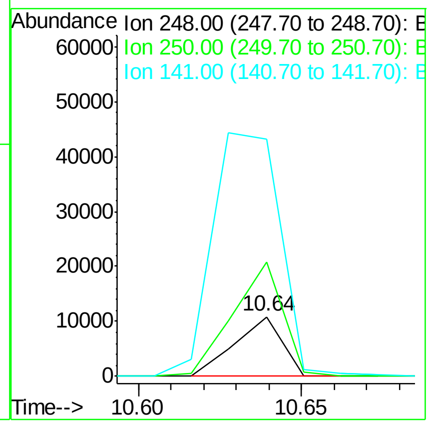


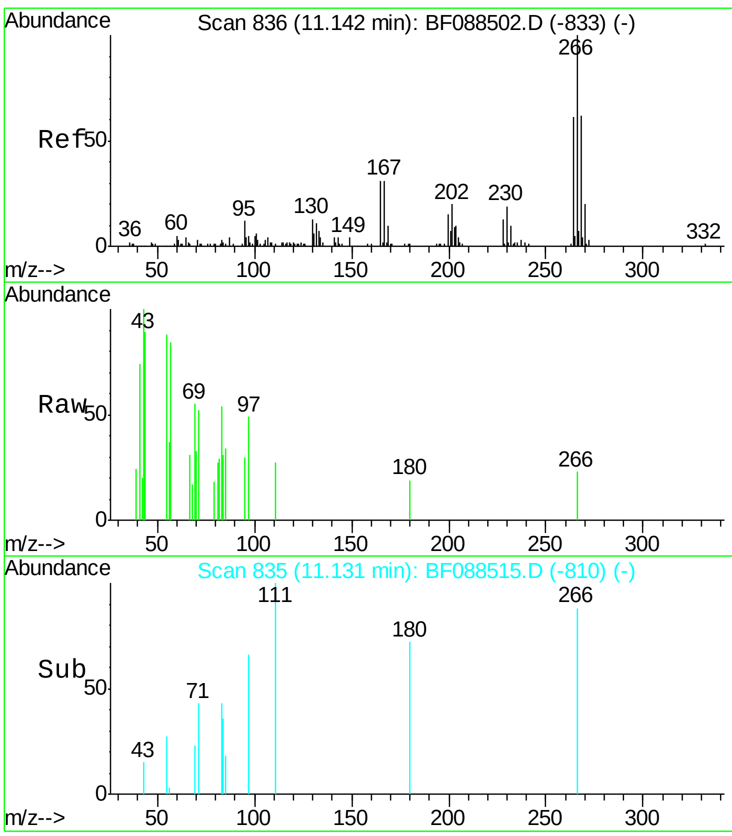
#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.25 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:248 Resp: 10886

Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.7	116.5#
141	400.1	49.2	73.8#

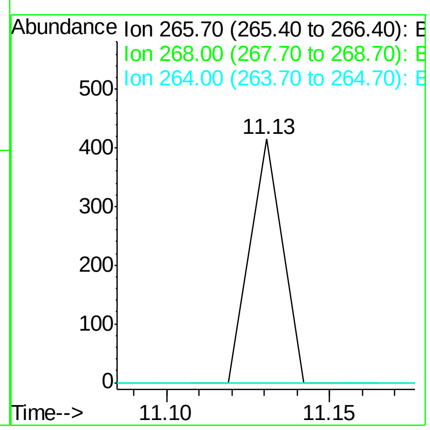


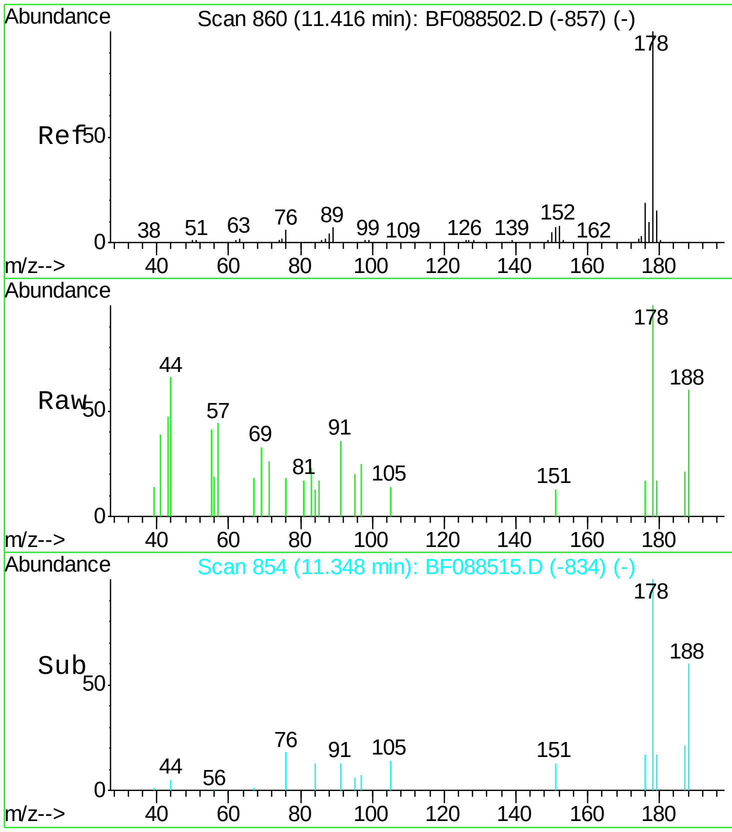


#69
Pentachlorophenol
Concen: 3.26 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016 2:51

Tgt Ion:266 Resp: 285

Ion	Ratio	Lower	Upper
266	100		
268	0.0	49.4	74.2#
264	0.0	49.0	73.4#



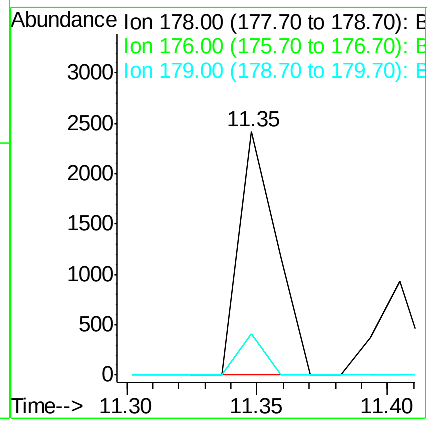


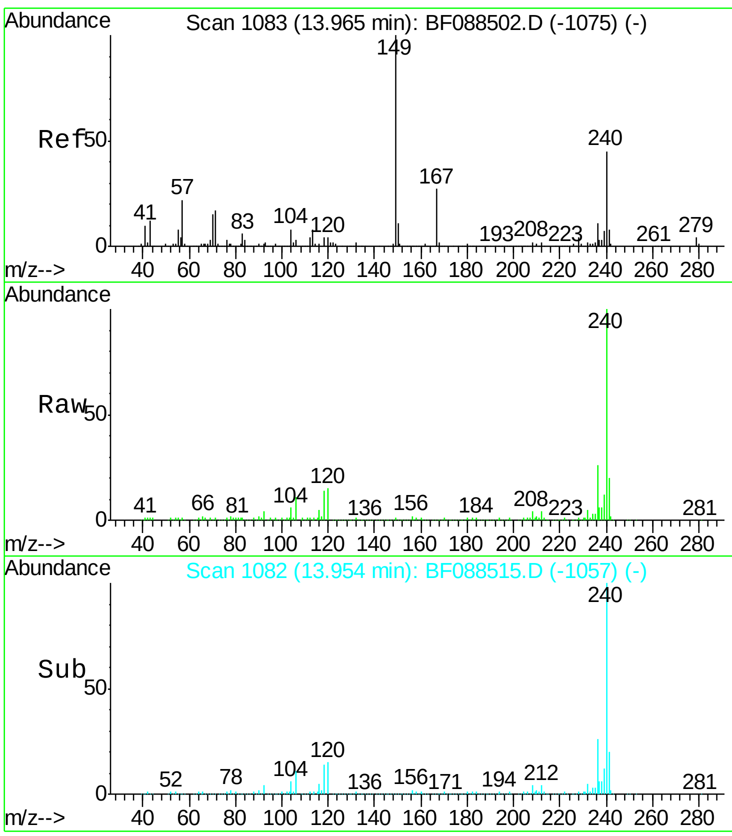
#71
Anthracene
Concen: Below Cal
RT: 11.35 min   Scan# 854
Delta R.T.   -0.07 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Instrument : BNA_F
ClientSampleId : TILCON-GF-011

Tgt Ion:178 Resp: 2465

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.2	22.8
179	16.8	12.3	18.5

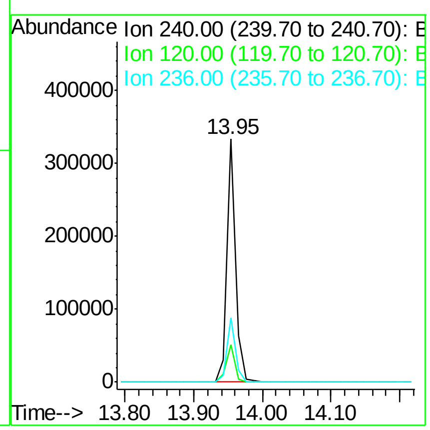


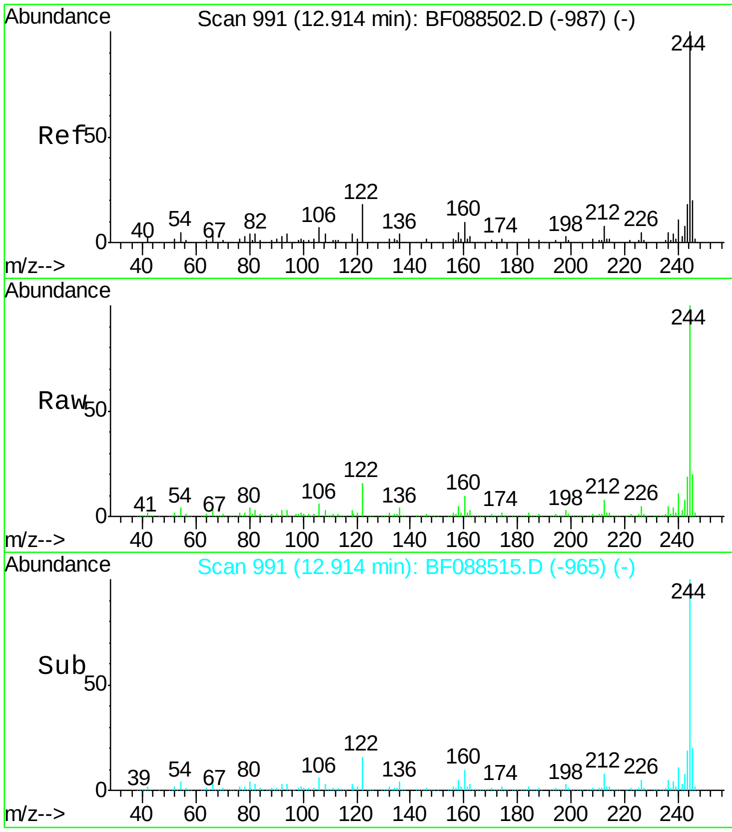


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min   Scan# 1082
Delta R.T.   -0.01 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion:240 Resp: 299824

Ion	Ratio	Lower	Upper
240	100		
120	15.4	7.1	10.7#
236	26.5	20.3	30.5



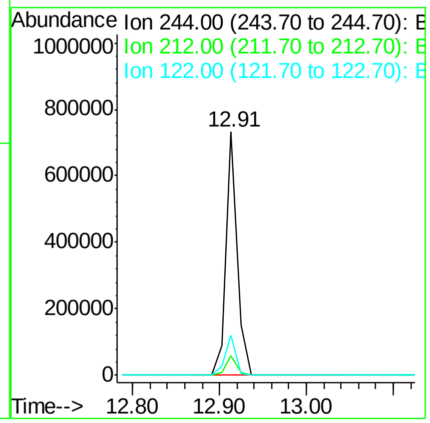


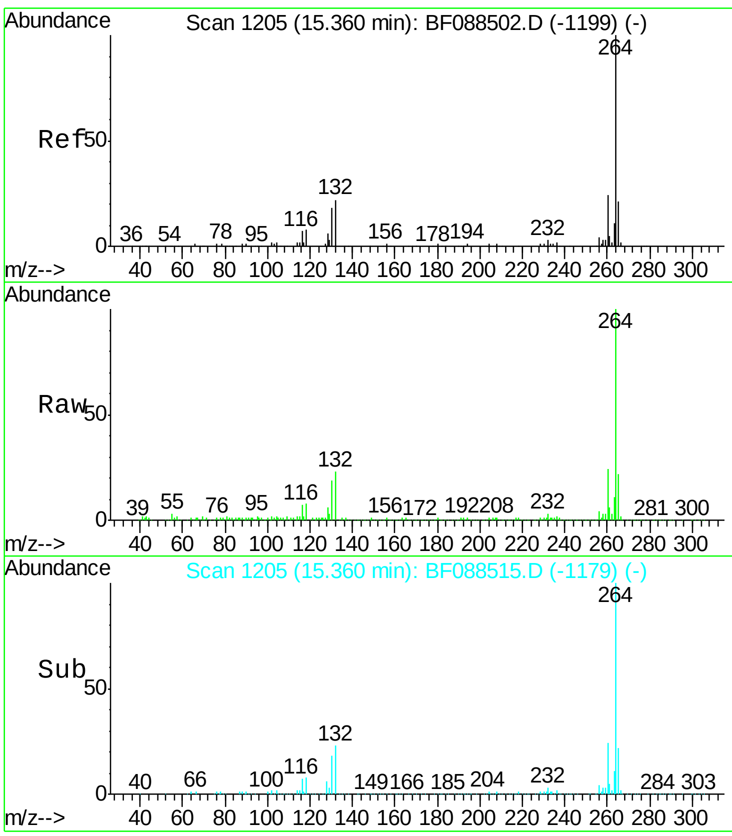
#78
Terphenyl-d14
Concen: 42.04 ng
RT: 12.91 min   Scan# 991
Delta R.T.   0.00 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-011

Tgt Ion:244 Resp: 673613

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	16.4	14.8	22.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min   Scan# 1205
Delta R.T.   -0.00 min
Lab File: BF088515.D
Acq: 30 Jun 2016   2:51

Tgt Ion:264 Resp: 332028

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.1	17.1	25.7