Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088523.D
Acq On : 30 Jun 2016 6:42
Operator : UM/SJ
Sample : H3830-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-GF-019

Quant Time: Jun 30 07:14:37 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	114474	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	378357	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	145343	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	270327	20.00	ng		0.00
75) Chrysene-d12	13.95	240	285493	20.00	ng		-0.01
86) Perylene-d12	15.36	264	269355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	731402	98.94	ng		0.00
7) Phenol-d6	6.46	99	1028121	108.76	ng		0.00
23) Nitrobenzene-d5	7.38	82	531282	73.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	129159	115.90	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	836457	95.55	ng		0.00
78) Terphenyl-d14	12.91	244	655450	43.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	19952	5.26	ng		83
19) n-Nitroso-di-n-propylamine	7.38	70	72958	11.34	ng	#	80
25) Isophorone	7.38	82	432149	29.69	ng	#	64
45) 1,1'-Biphenyl	9.18	154	1581	Below Cal		#	1
49) Dimethylphthalate	9.58	163	88881	6.34	ng		98
56) 2,4-Dinitrotoluene	9.85	165	18422	6.74	ng	#	28
64) 4,6-Dinitro-2-methylphenol	10.64	198	304	3.61	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	9382	3.21	ng	#	1
70) Phenanthrene	11.36	178	252	Below Cal		#	59
71) Anthracene	11.36	178	252	Below Cal		#	60

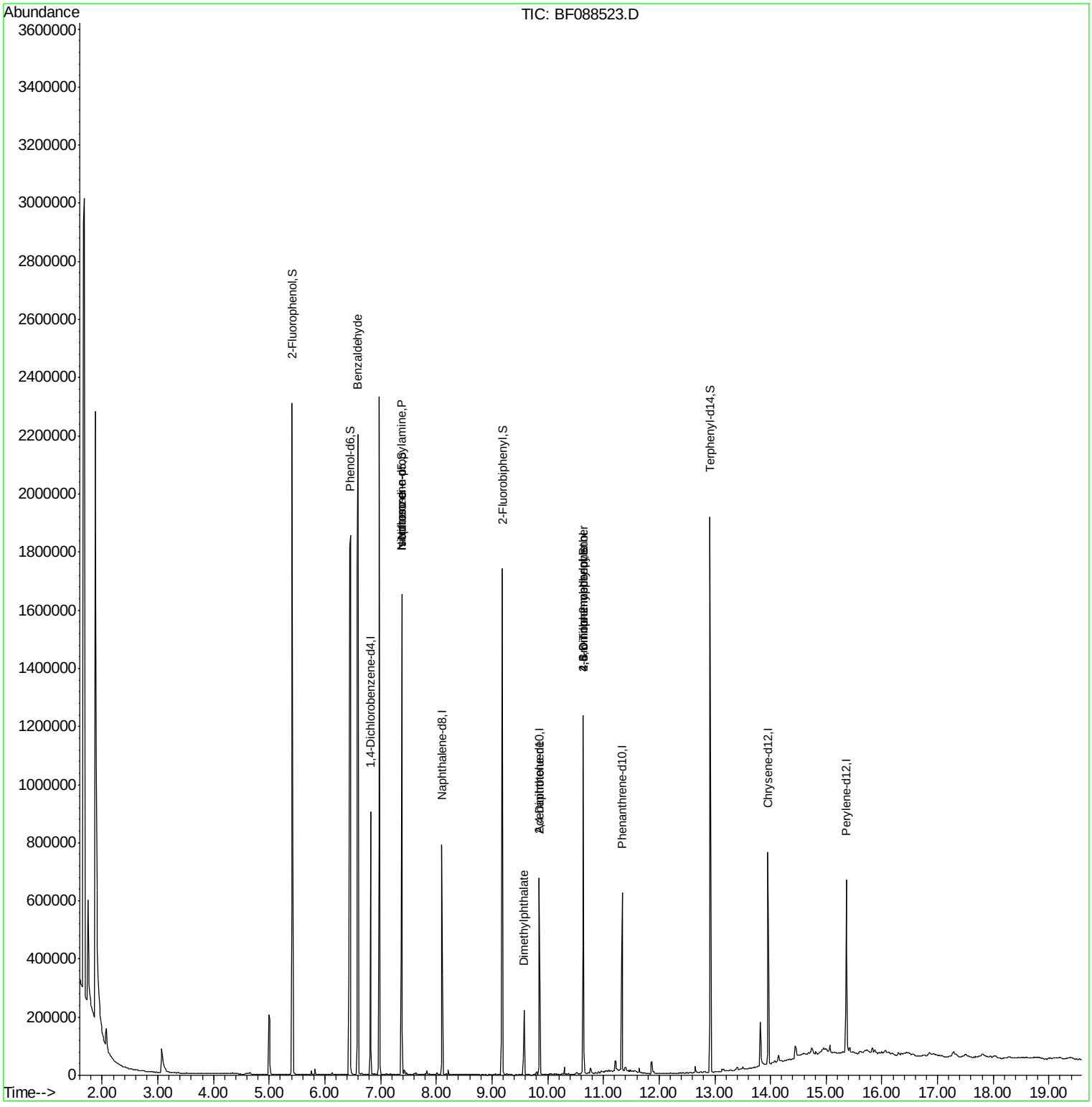
(#) = qualifier out of range (m) = manual integration (+) = signals summed

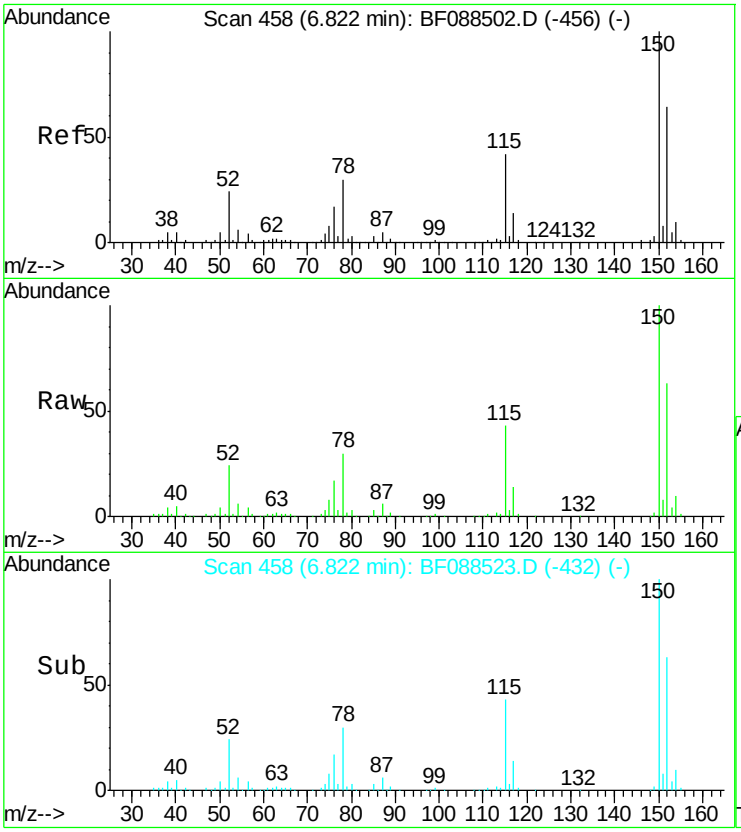
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088523.D
Acq On : 30 Jun 2016 6:42
Operator : UM/SJ
Sample : H3830-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Quant Time: Jun 30 07:14:37 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



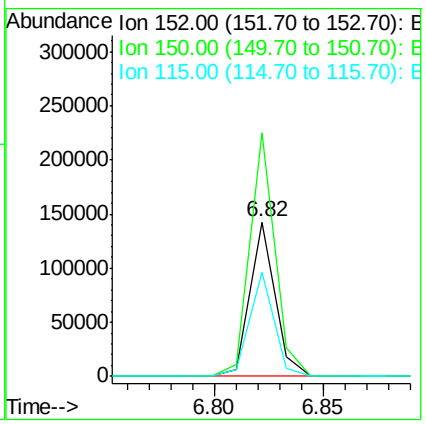


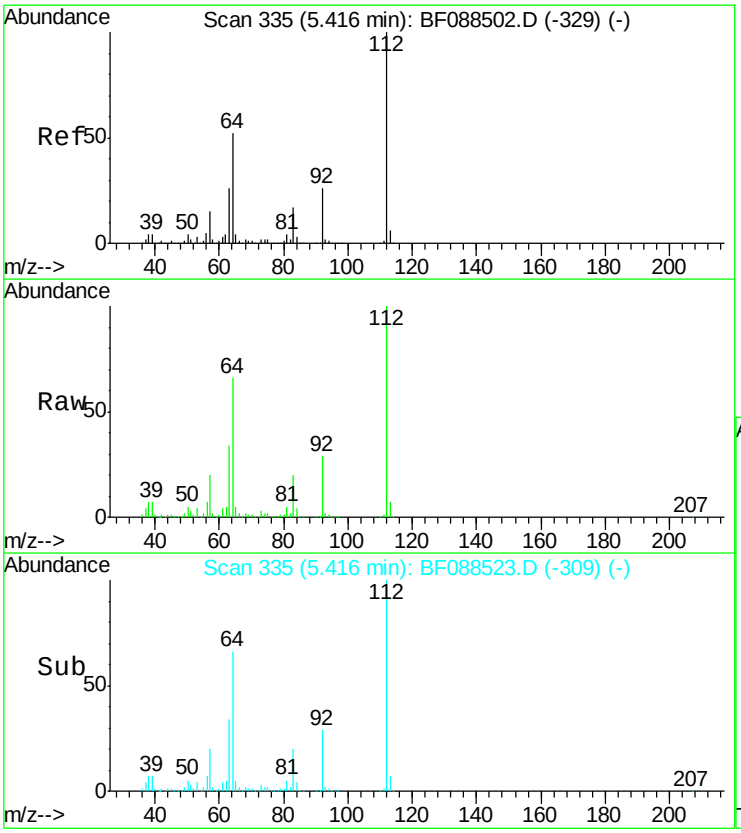
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:152 Resp: 114474

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	67.4	52.3	78.5

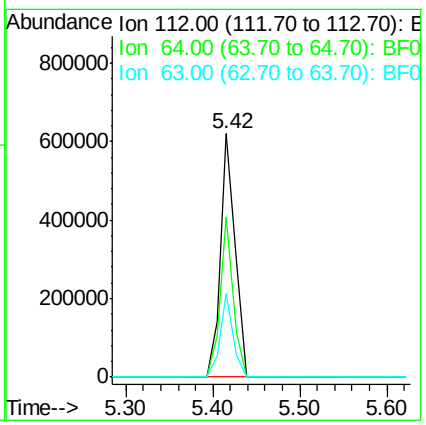


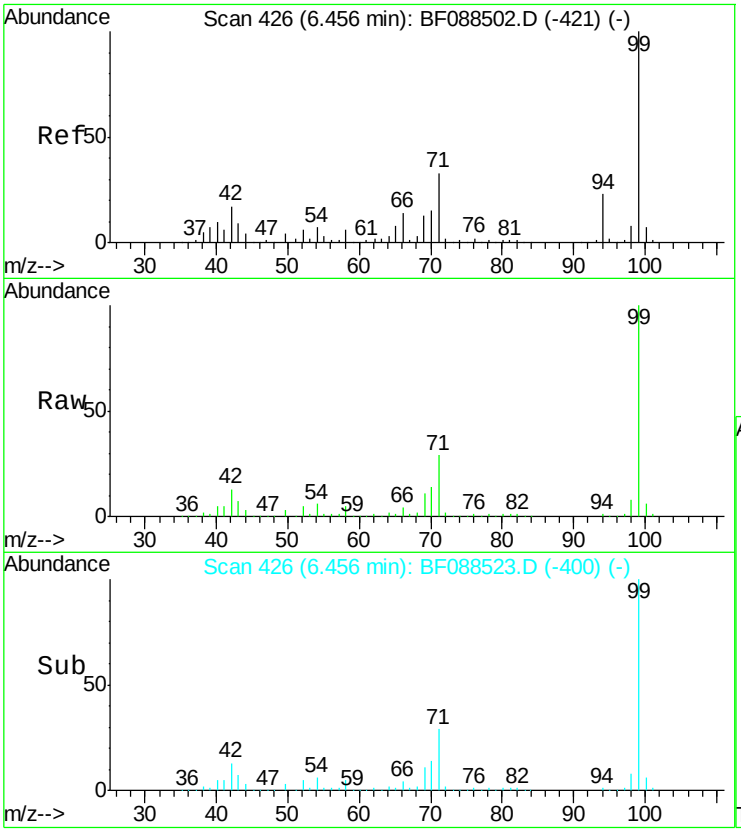


#5
2-Fluorophenol
Concen: 98.94 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:112 Resp: 731402

Ion	Ratio	Lower	Upper
112	100		
64	65.9	41.5	62.3#
63	34.2	20.6	31.0#



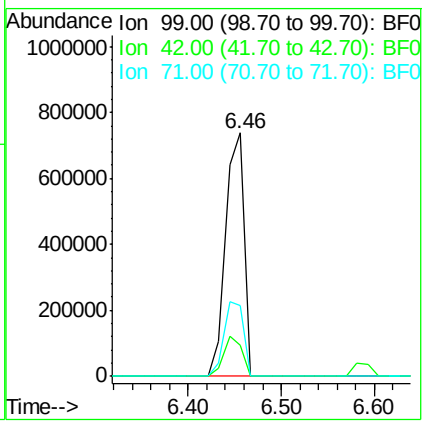


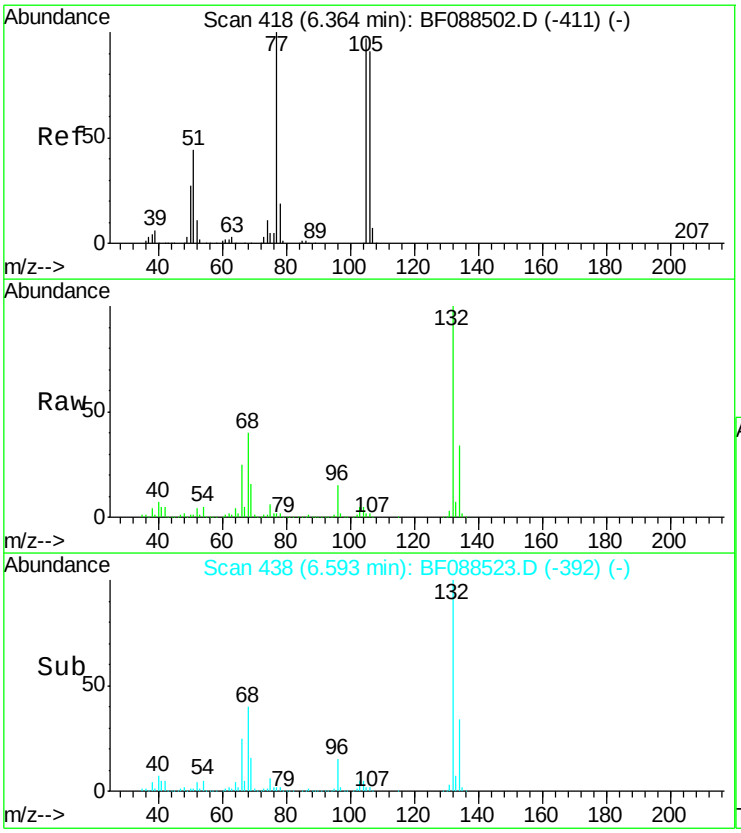
#7
Phenol-d6
Concen: 108.76 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion: 99 Resp: 1028121

Ion	Ratio	Lower	Upper
99	100		
42	12.9	13.4	20.0#
71	29.2	26.1	39.1

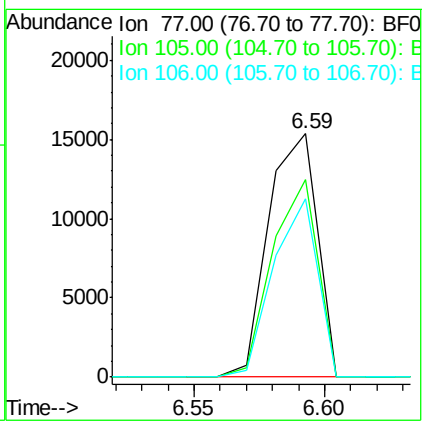


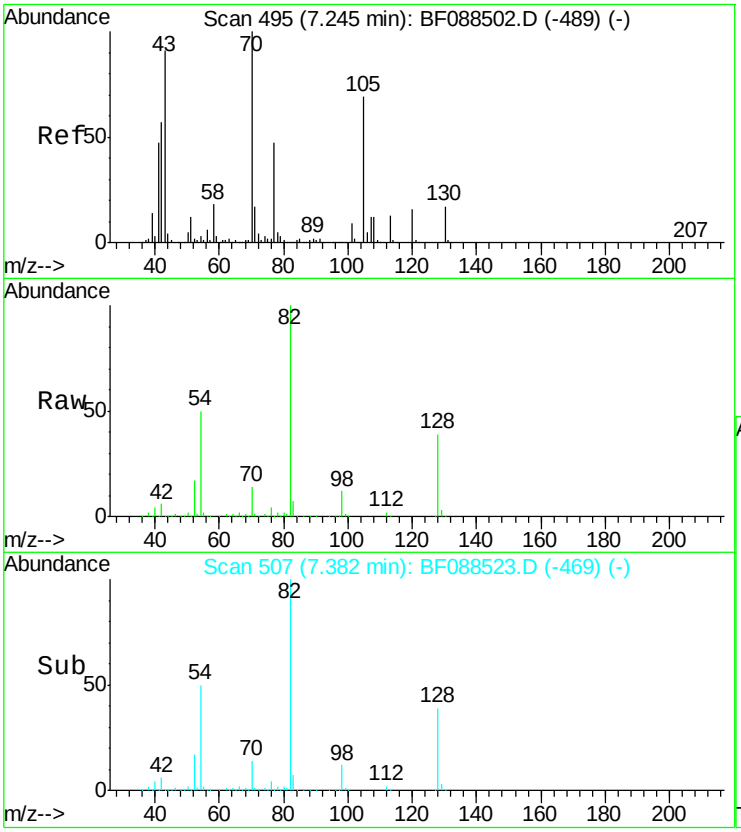


#9
Benzaldehyde
Concen: 5.26 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.23 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion: 77 Resp: 19952

Ion	Ratio	Lower	Upper
77	100		
105	80.9	76.6	116.6
106	73.2	70.8	110.8



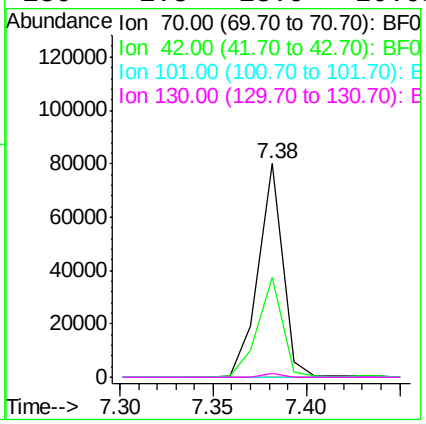


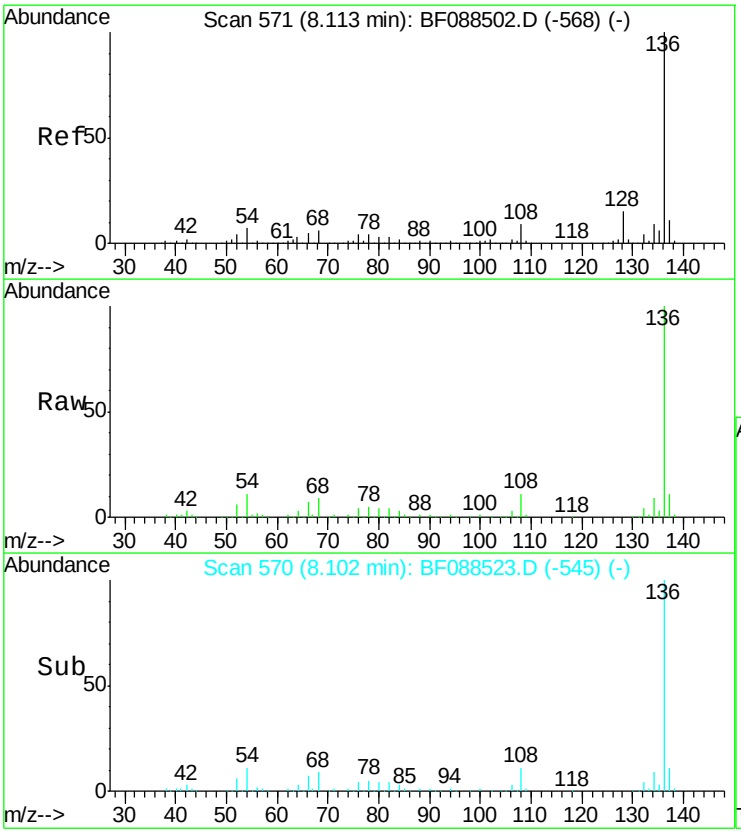
#19
n-Nitroso-di-n-propylamine
Concen: 11.34 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.14 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion: 70 Resp: 72958

Ion	Ratio	Lower	Upper
70	100		
42	46.6	45.9	68.9
101	0.0	6.8	10.2#
130	1.8	13.9	20.9#

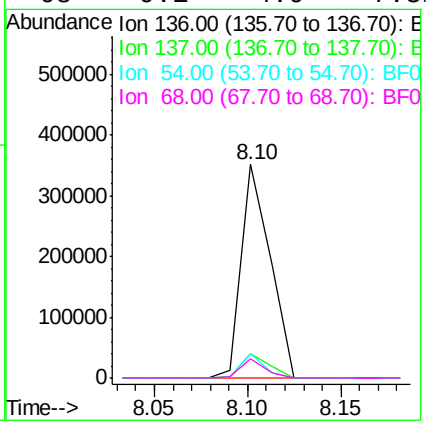


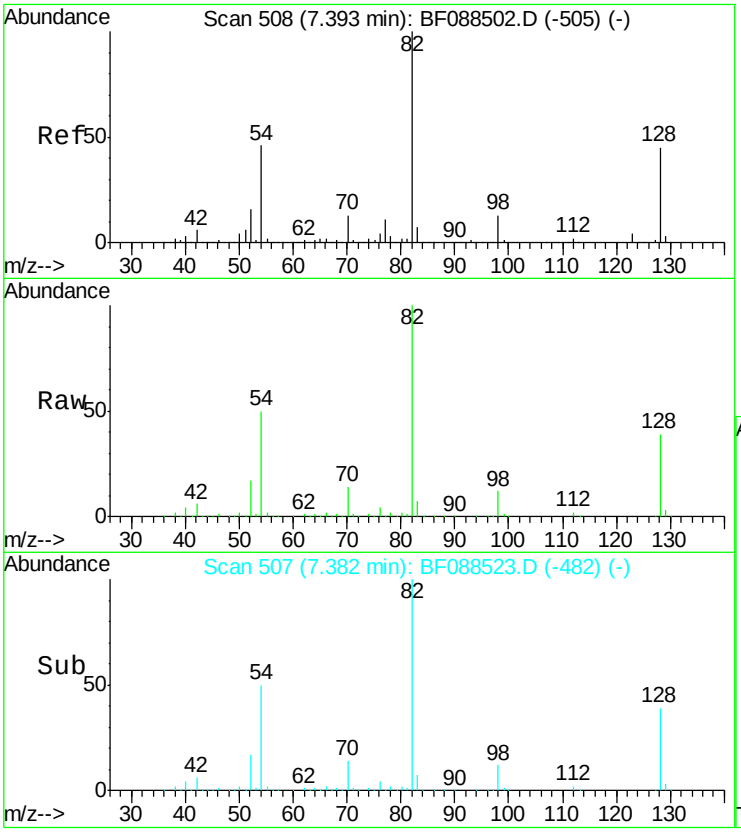


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:136 Resp: 378357

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.2	5.4	8.2#
68	9.1	4.9	7.3#



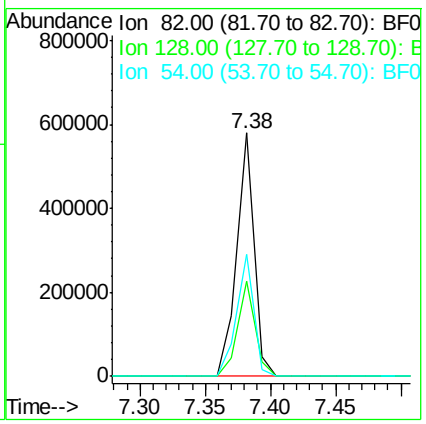


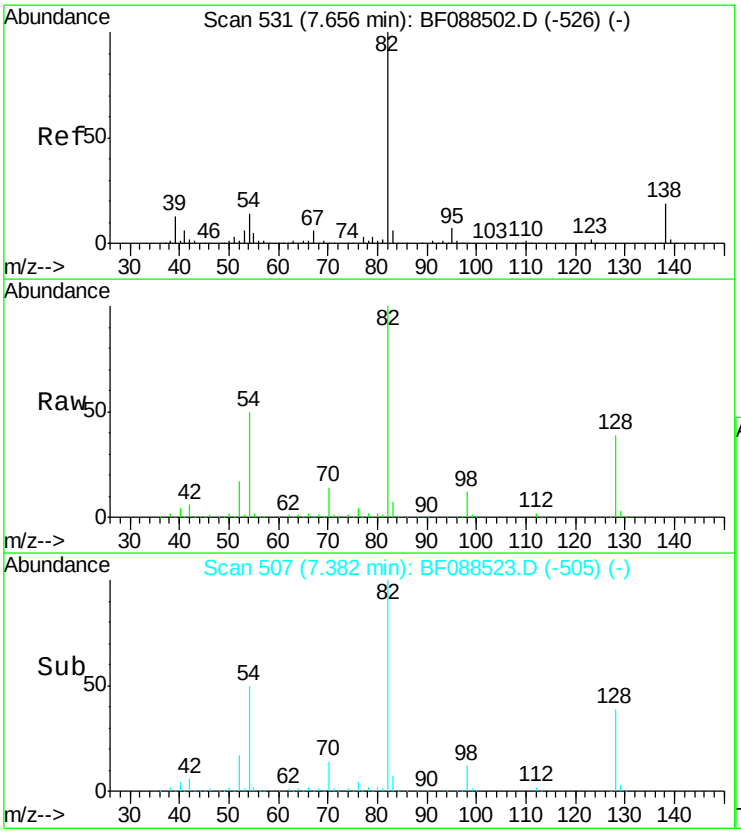
#23
Nitrobenzene-d5
Concen: 73.75 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion: 82 Resp: 531282

Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.8	53.8
54	50.2	37.1	55.7

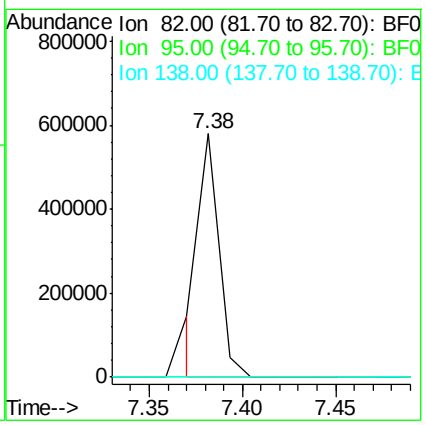


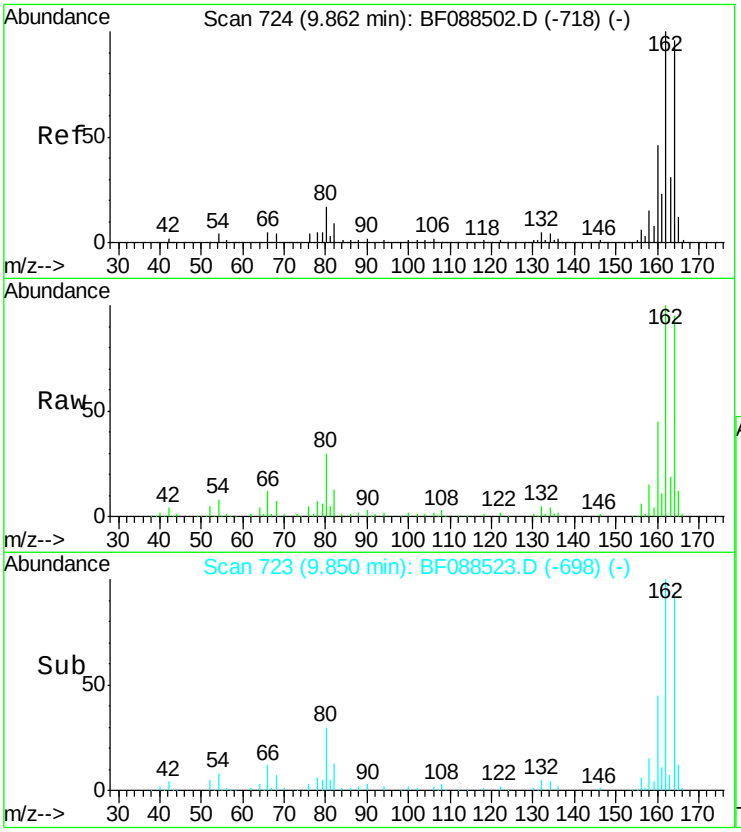


#25
Isophorone
Concen: 29.69 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.27 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion: 82 Resp: 432149

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



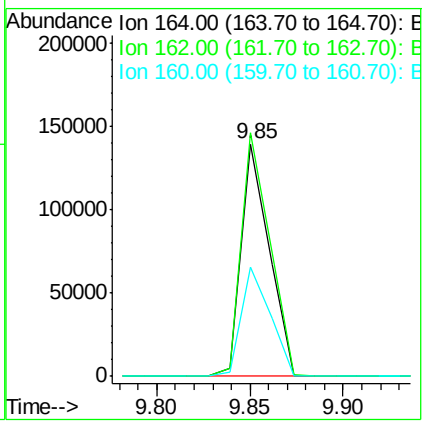


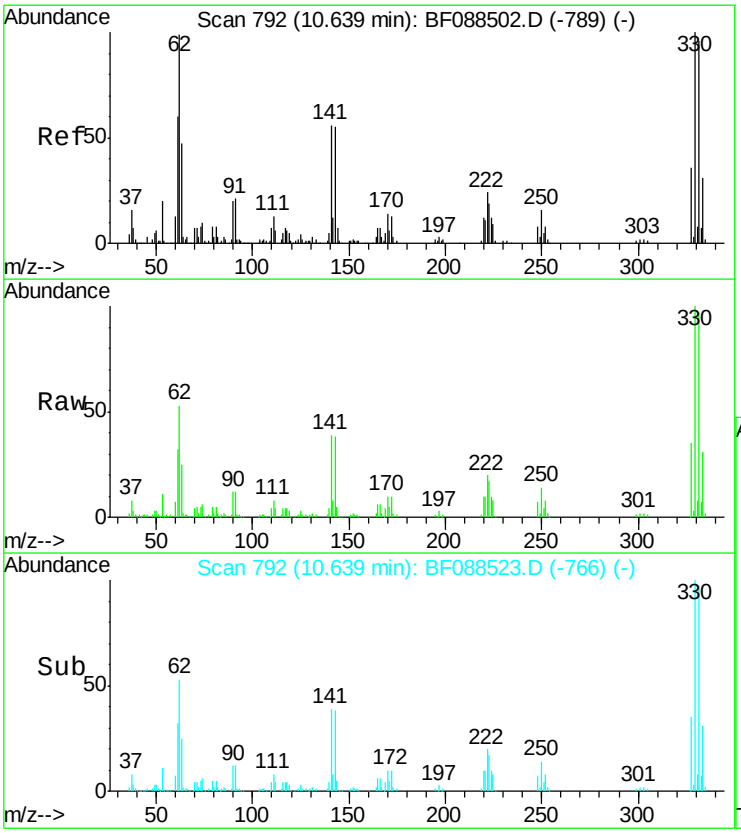
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:164 Resp: 145343

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.7	125.5
160	47.1	38.9	58.3

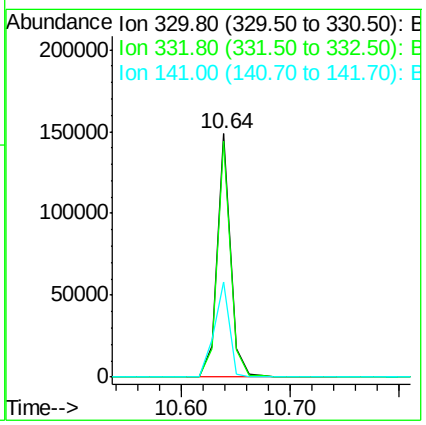


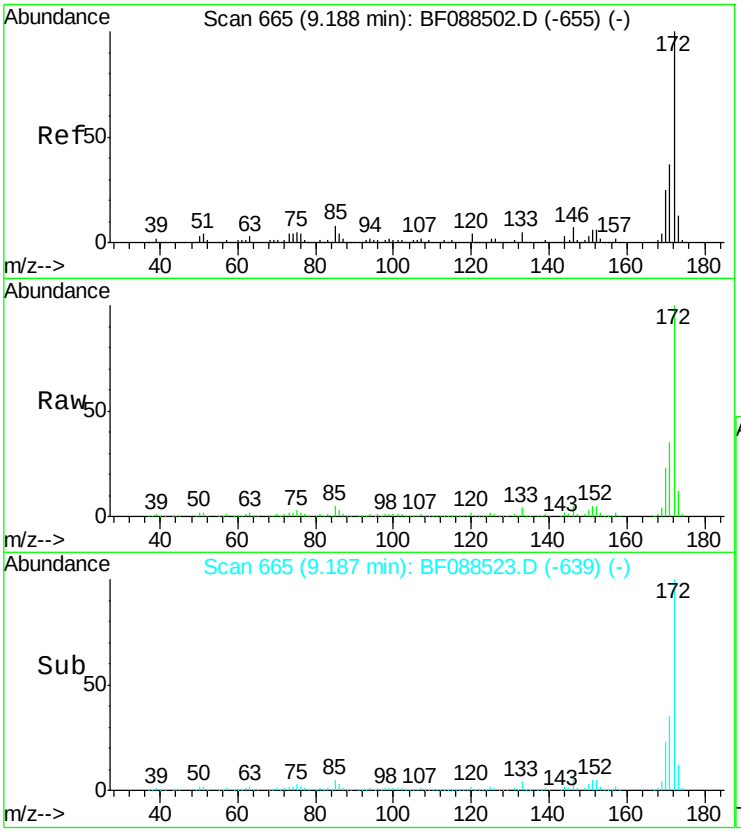


#41
2,4,6-Tribromophenol
Concen: 115.90 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:330 Resp: 129159

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	44.8	0.0	0.0#



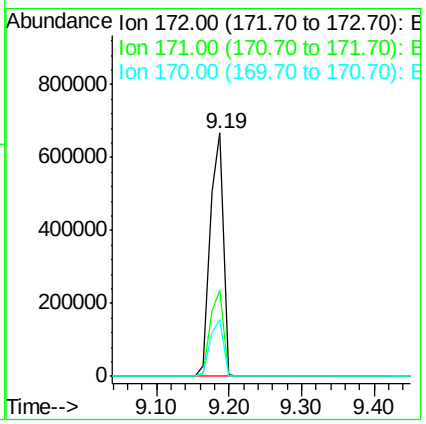


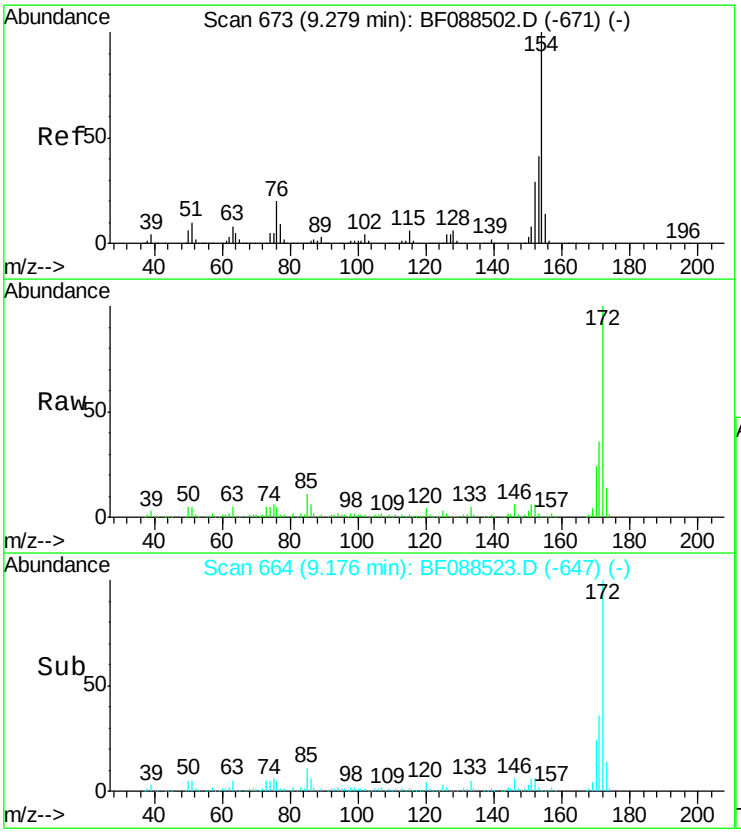
#44
2-Fluorobiphenyl
Concen: 95.55 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:172 Resp: 836457

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.4	19.8	29.8

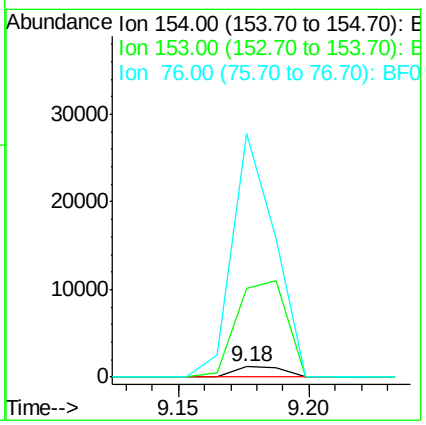


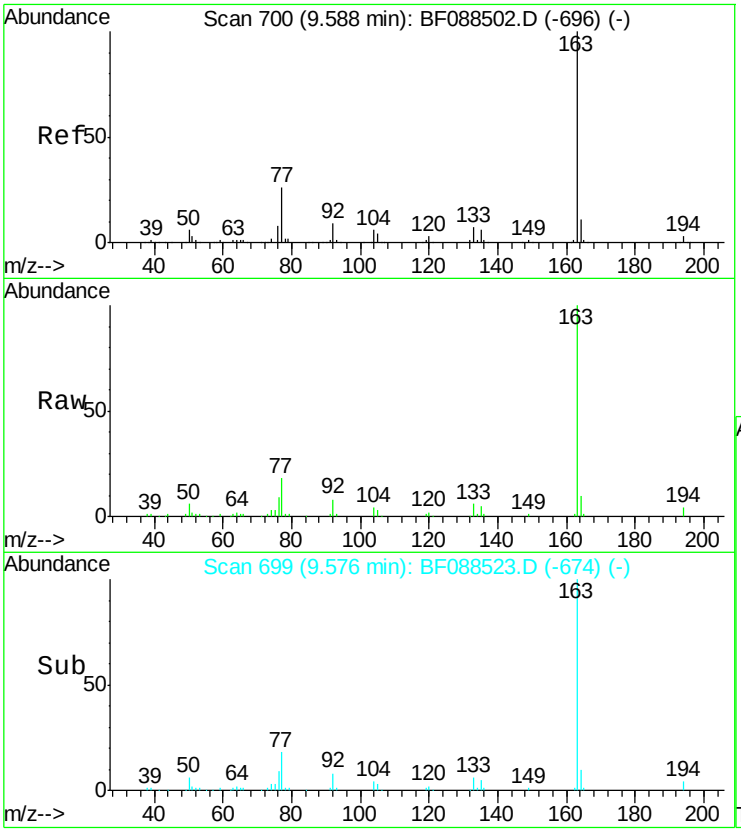


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.10 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:154 Resp: 1581

Ion	Ratio	Lower	Upper
154	100		
153	853.6	20.8	60.8#
76	2355.9	0.0	39.9#



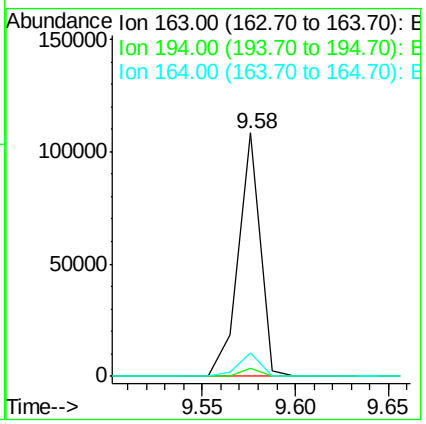


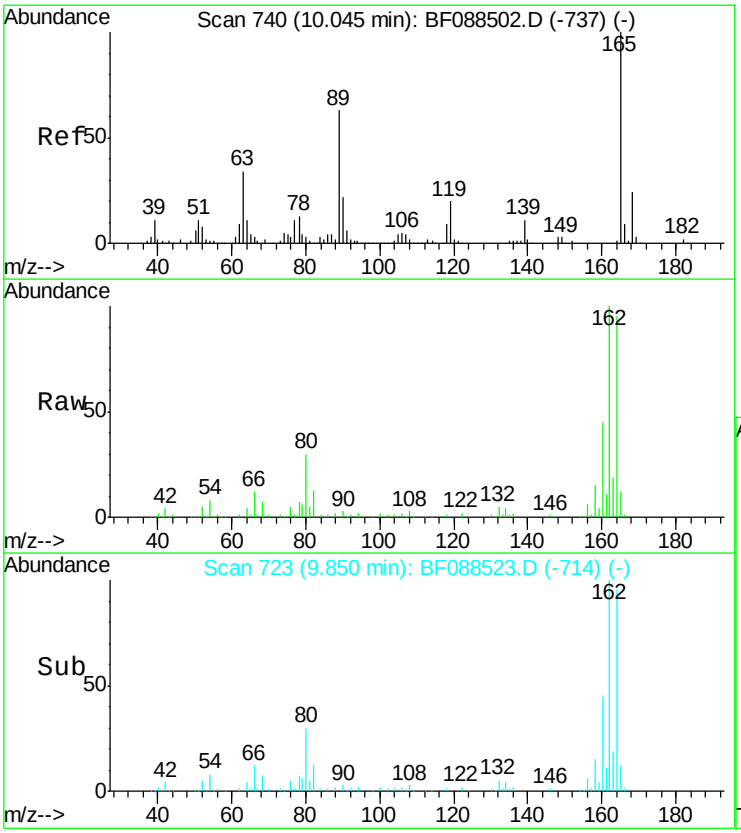
#49
Dimethylphthalate
Concen: 6.34 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:163 Resp: 88881

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.8	8.5	12.7

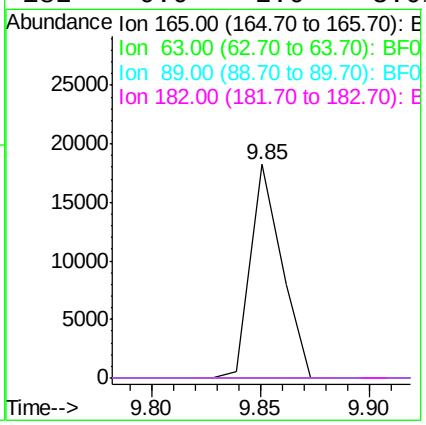


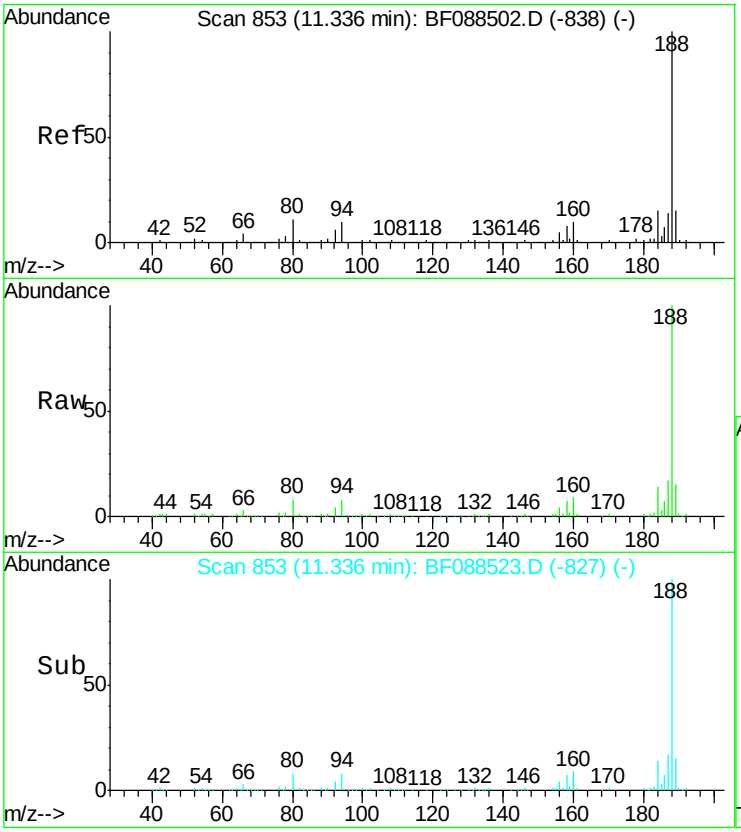


#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.19 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:165 Resp: 18422

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



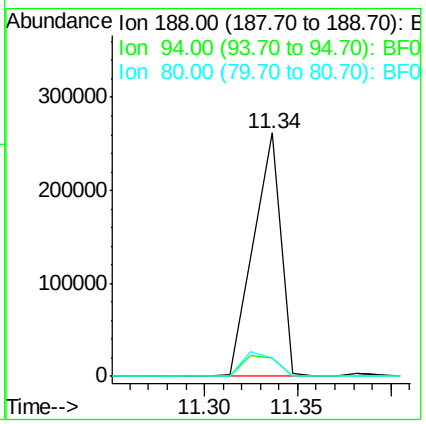


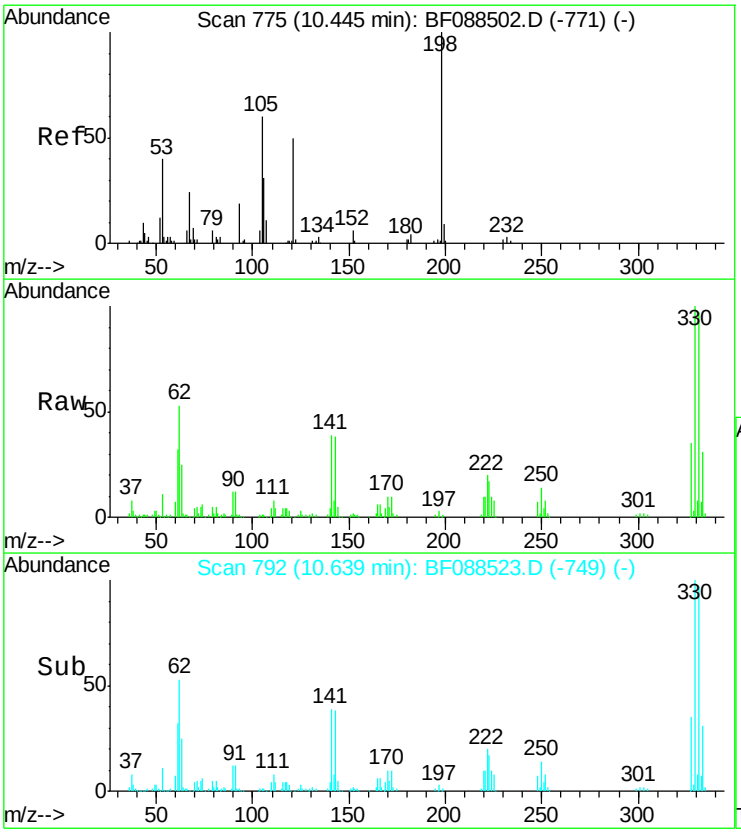
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:188 Resp: 270327

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.8	11.8#
80	7.8	8.7	13.1#

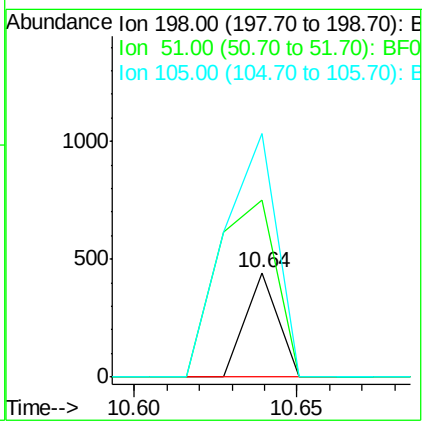


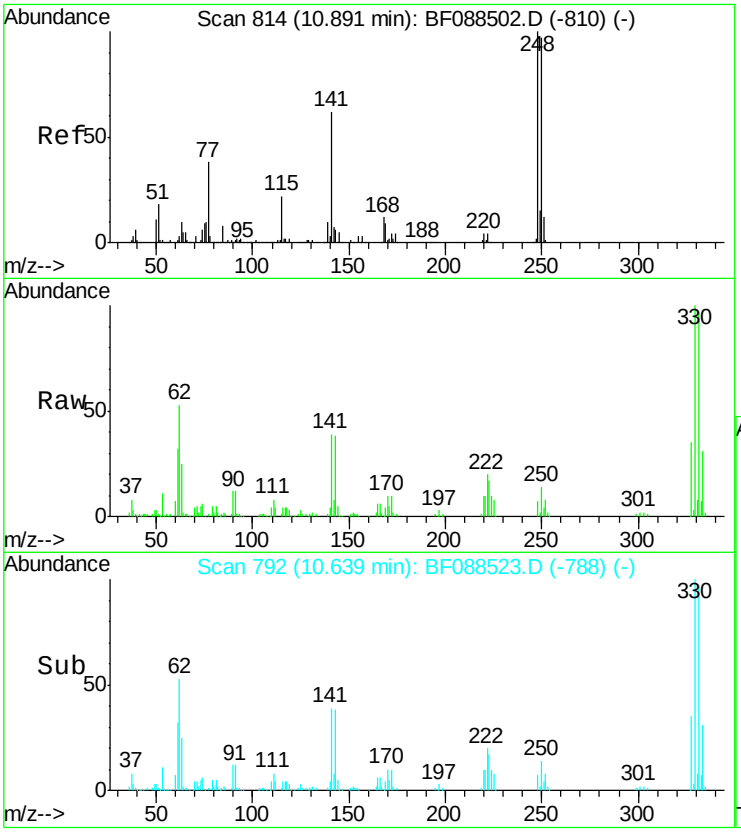


#64
4,6-Dinitro-2-methylphenol
Concen: 3.61 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.20 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:198 Resp: 304

Ion	Ratio	Lower	Upper
198	100		
51	170.0	42.4	82.4#
105	233.2	41.2	81.2#



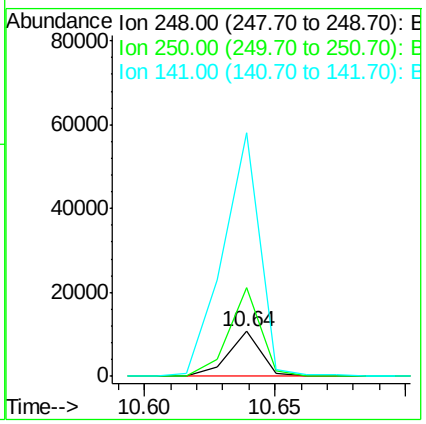


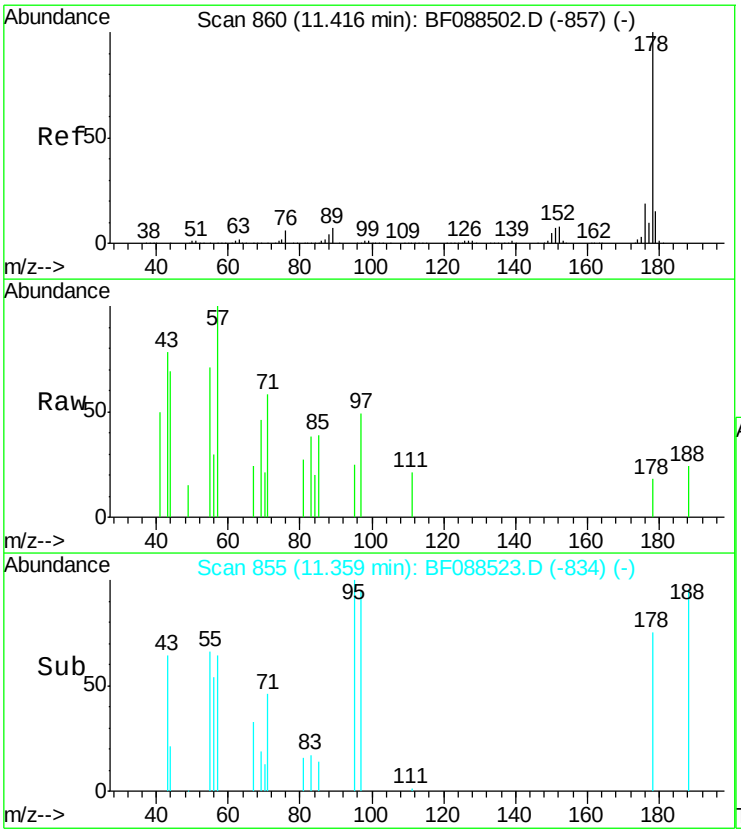
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.25 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:248 Resp: 9382

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.7	116.5#
141	540.7	49.2	73.8#

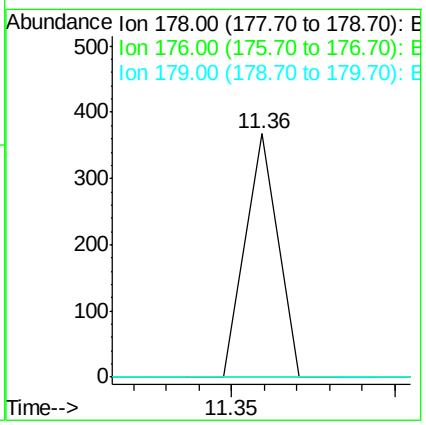


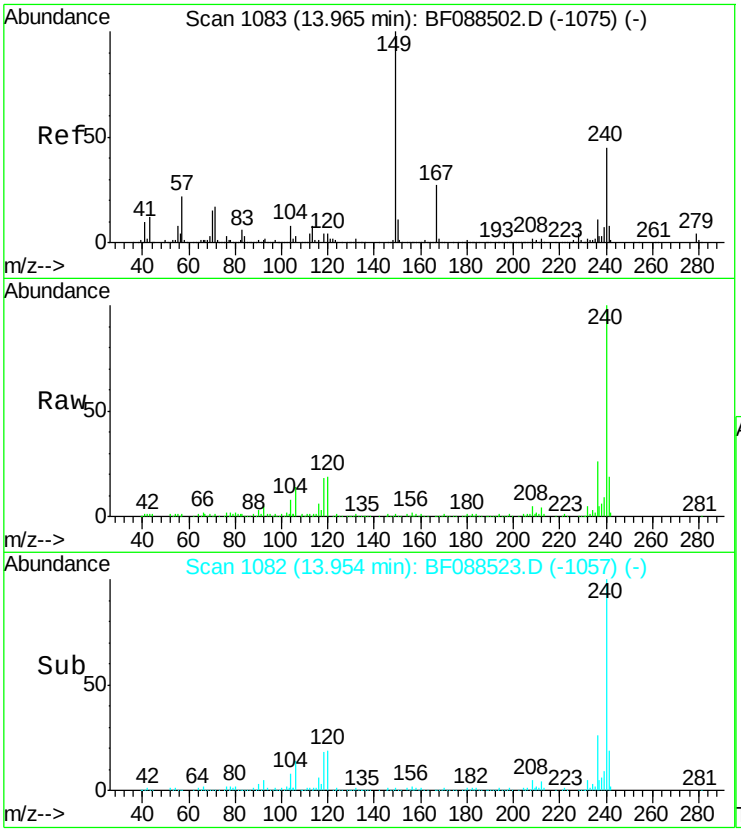


#71
Anthracene
Concen: Below Cal
RT: 11.36 min Scan# 855
Delta R.T. -0.06 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:178 Resp: 252

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.2	22.8#
179	0.0	12.3	18.5#



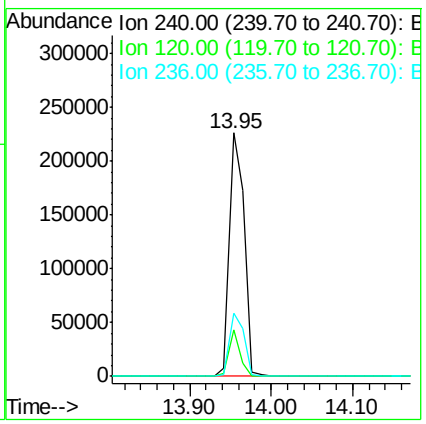


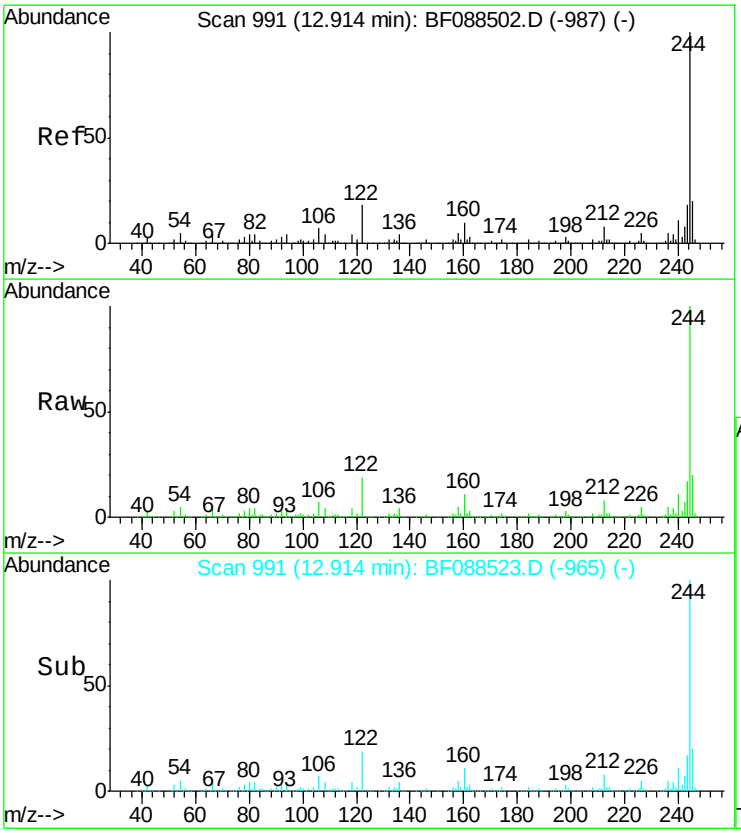
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:240 Resp: 285493

Ion	Ratio	Lower	Upper
240	100		
120	19.2	7.1	10.7#
236	25.9	20.3	30.5

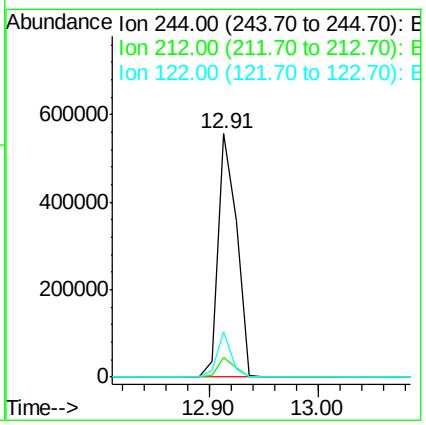


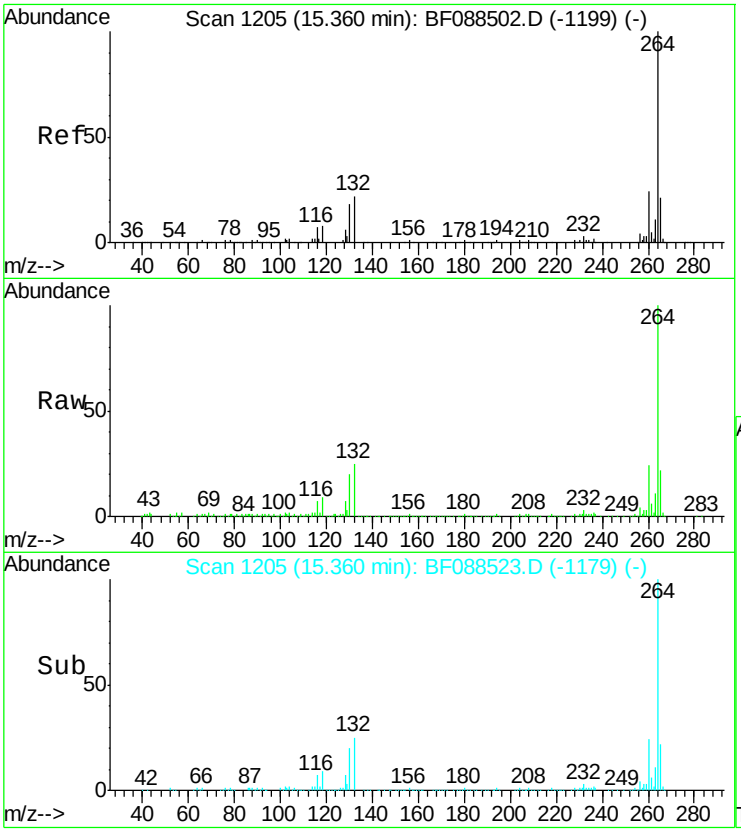


#78
Terphenyl-d14
Concen: 43.03 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF088523.D
Acq: 30 Jun 2016 6:42

Tgt Ion:244 Resp: 655450

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	18.8	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: BF088523.D
Acq: 30 Jun 2016 6:42

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-019

Tgt Ion:264 Resp: 269355

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.3	17.1	25.7