Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
Data File : BF088520.D
Acq On : 30 Jun 2016 5:16
Operator : UM/SJ
Sample : H3830-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-GF-016

Quant Time: Jun 30 07:00:51 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	120091	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	388652	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	144671	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	270375	20.00	ng	0.00
75) Chrysene-d12	13.95	240	293588	20.00	ng	-0.01
86) Perylene-d12	15.36	264	280693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	654100	84.35	ng	0.00
7) Phenol-d6	6.44	99	820932	82.78	ng	-0.01
23) Nitrobenzene-d5	7.38	82	493380	66.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	122383	110.33	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	774131	86.06	ng	0.00
78) Terphenyl-d14	12.91	244	636246	40.45	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	66464	9.85	ng	# 82
25) Isophorone	7.38	82	409369	27.38	ng	# 64
45) 1,1'-Biphenyl	9.18	154	1370	Below Cal		# 1
49) Dimethylphthalate	9.58	163	58389	3.05	ng	98
50) 2,6-Dinitrotoluene	9.85	165	18515	8.52	ng	# 23
56) 2,4-Dinitrotoluene	9.85	165	18516	6.81	ng	# 30
66) 4-Bromophenyl-phenylether	10.64	248	8464	2.89	ng	# 1
70) Phenanthrene	11.36	178	2265	Below Cal		# 91
71) Anthracene	11.40	178	636	Below Cal		# 60

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

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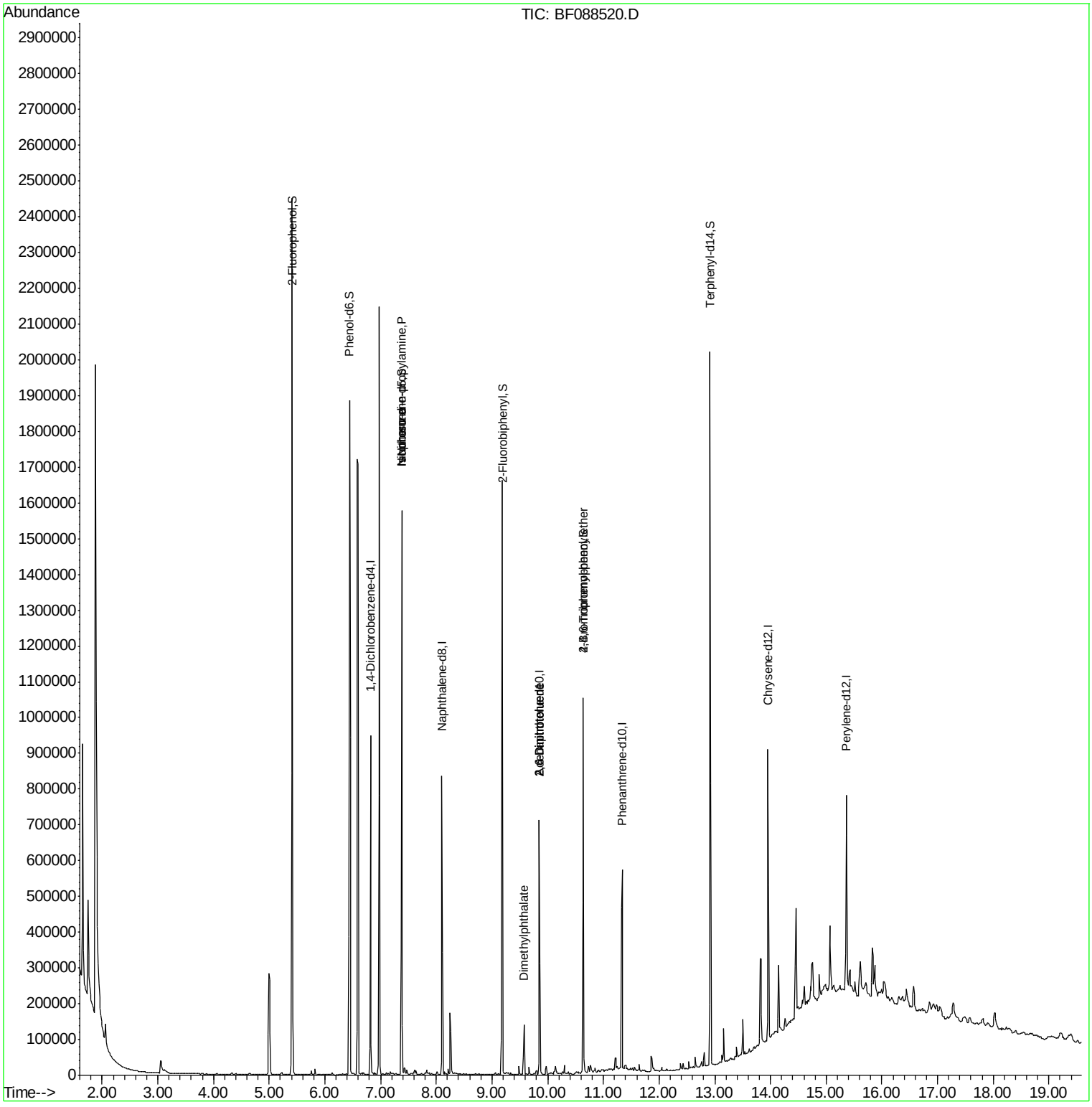
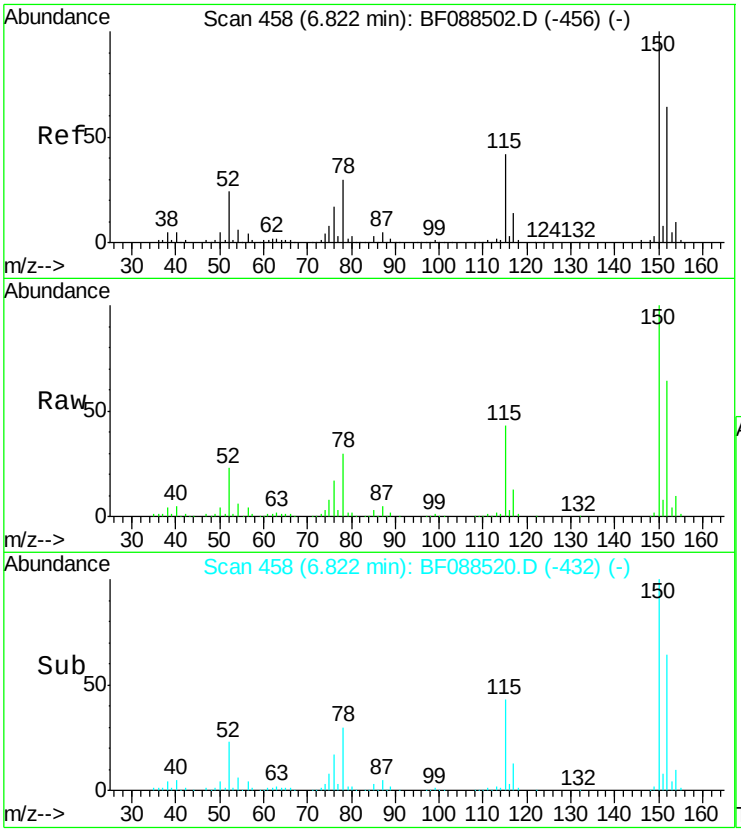


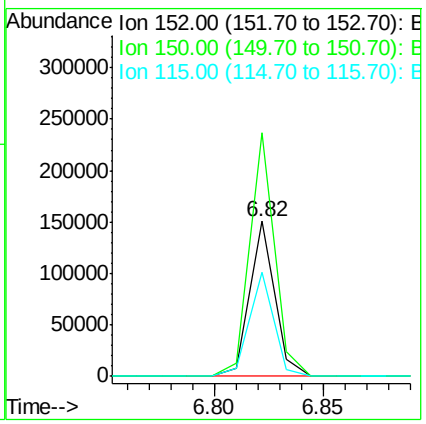


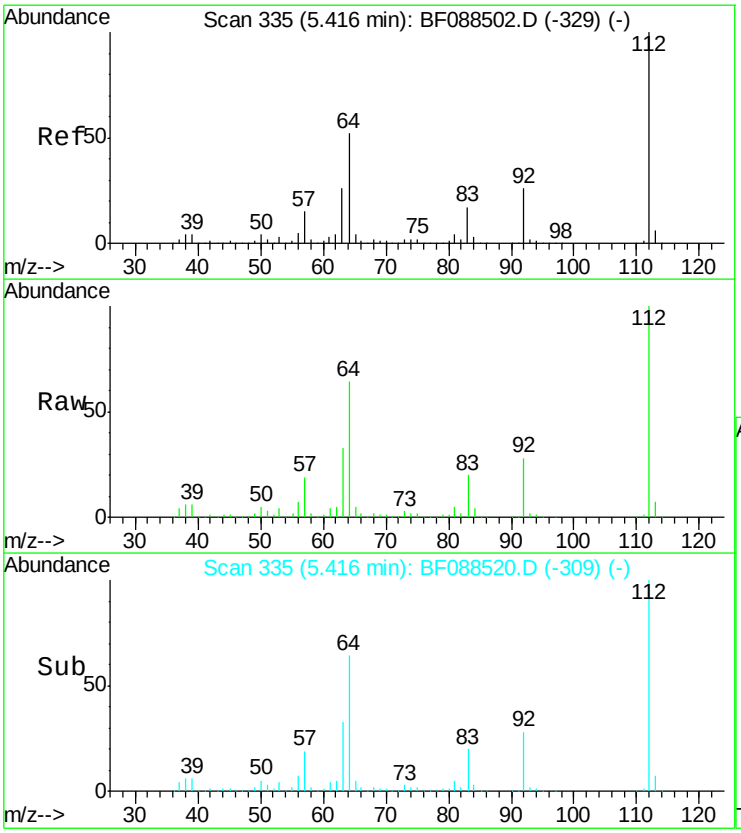
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:152 Resp: 120091

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	67.0	52.3	78.5

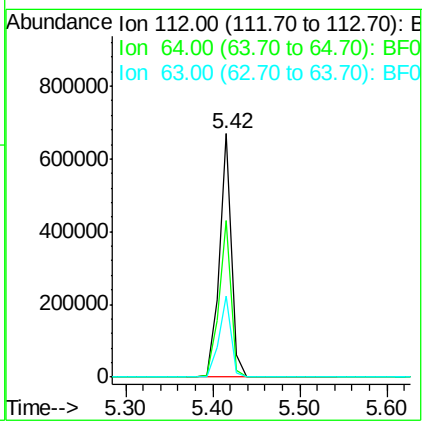


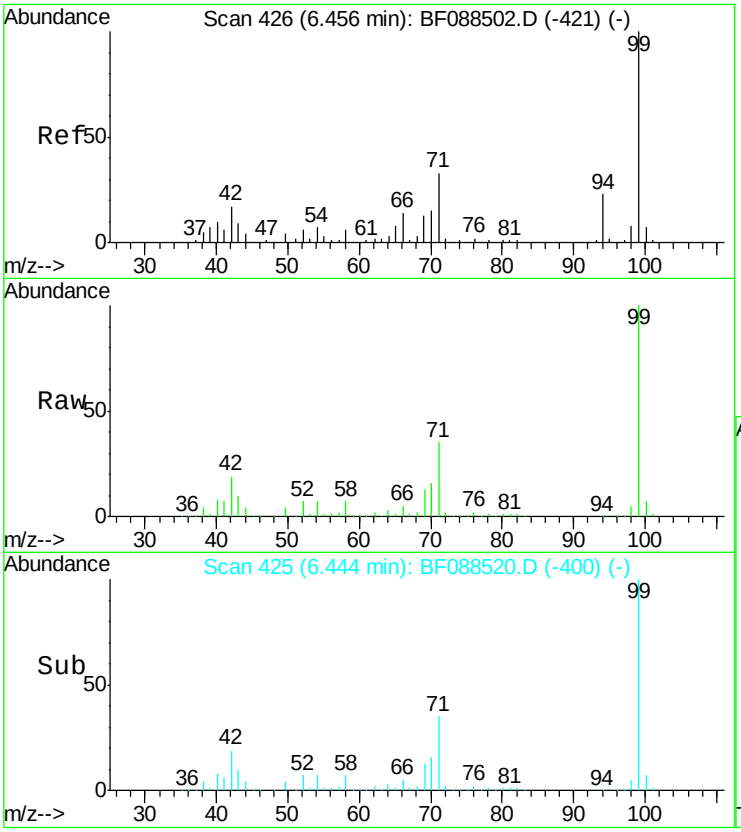


#5
2-Fluorophenol
Concen: 84.35 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:112 Resp: 654100

Ion	Ratio	Lower	Upper
112	100		
64	64.4	41.5	62.3#
63	33.0	20.6	31.0#



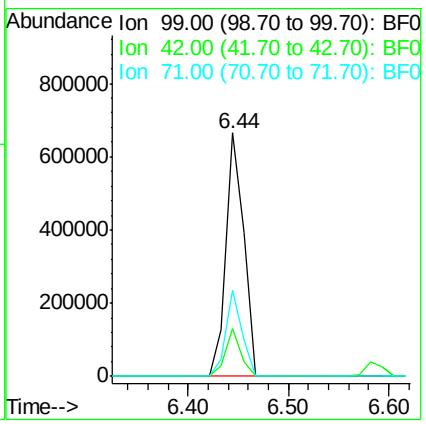


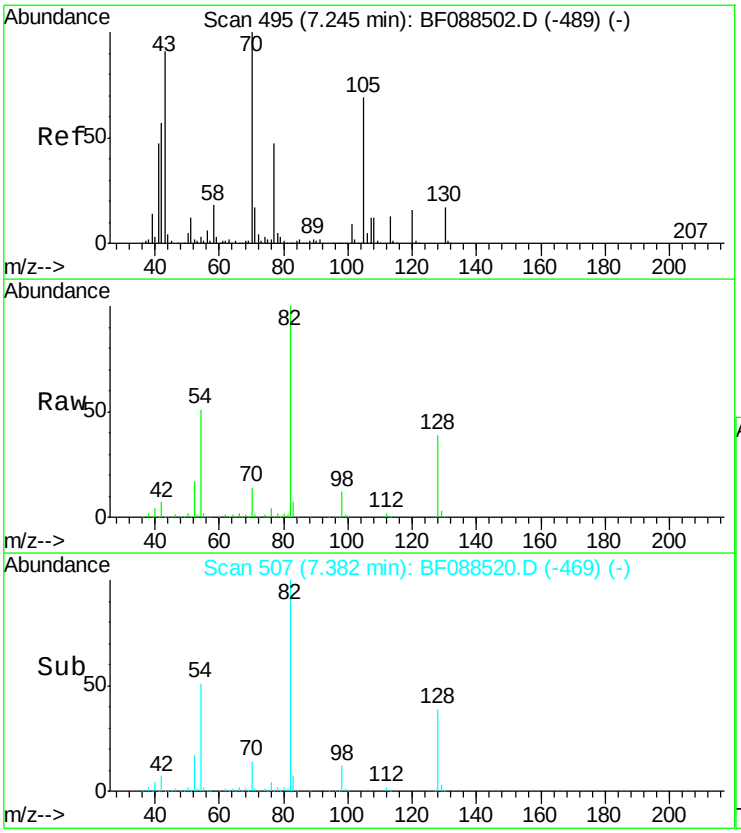
#7
Phenol-d6
Concen: 82.78 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion: 99 Resp: 820932

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.4	20.0
71	35.3	26.1	39.1

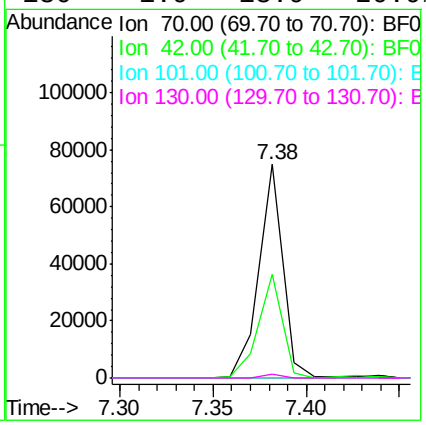


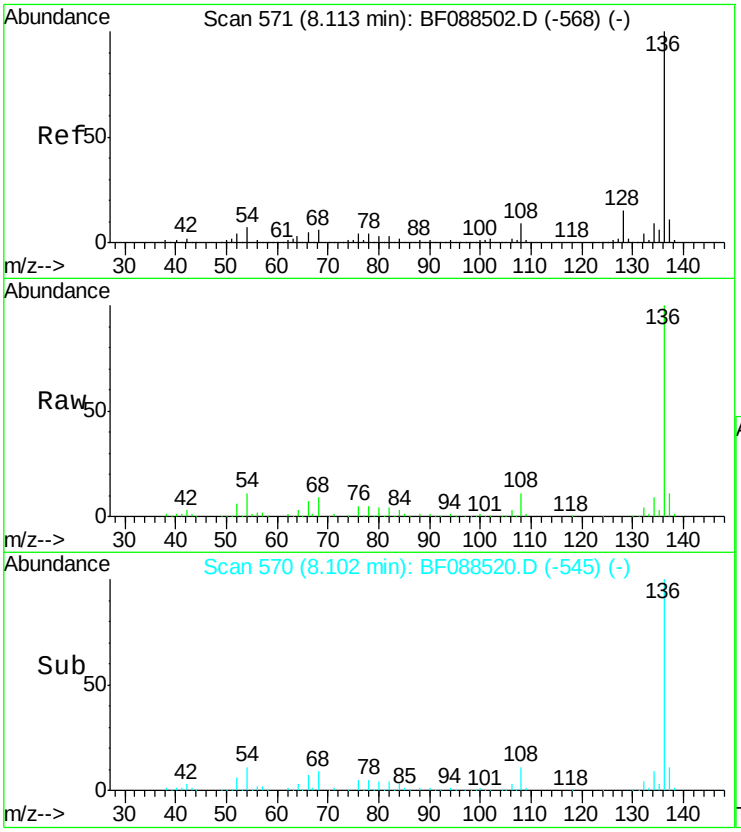


#19
n-Nitroso-di-n-propylamine
Concen: 9.85 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.14 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion: 70 Resp: 66464

Ion	Ratio	Lower	Upper
70	100		
42	48.5	45.9	68.9
101	0.0	6.8	10.2#
130	1.9	13.9	20.9#



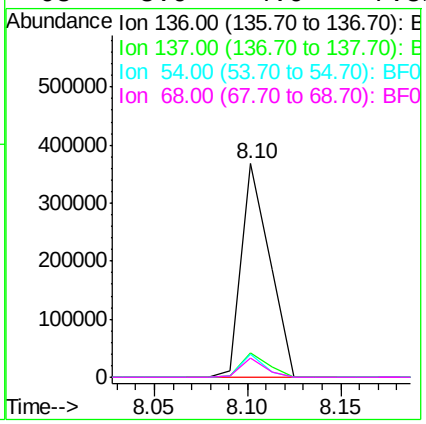


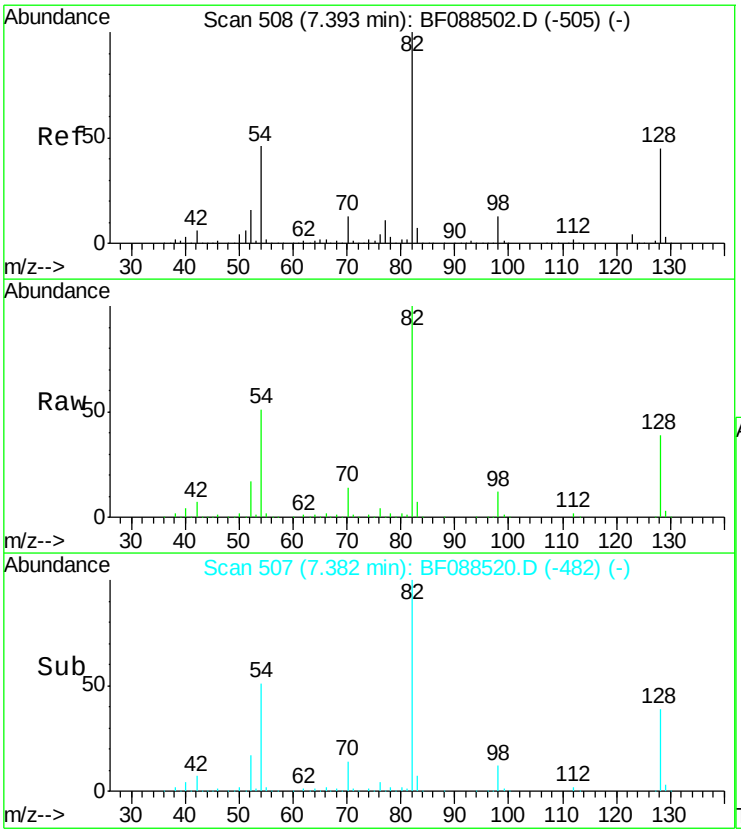
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:136 Resp: 388652

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.1	5.4	8.2#
68	8.9	4.9	7.3#

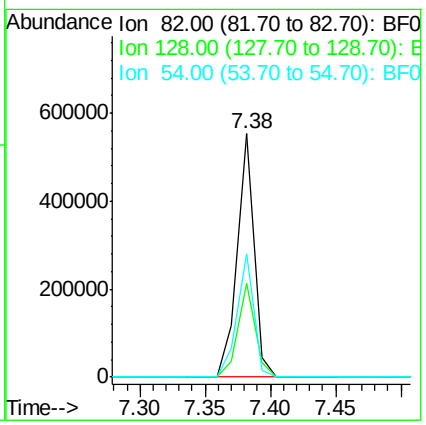


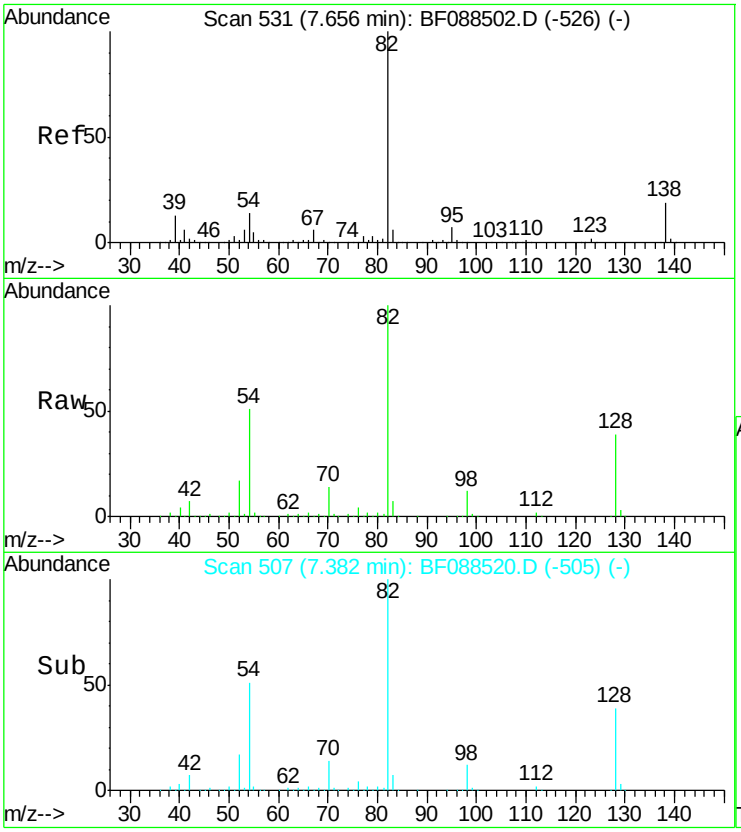


#23
Nitrobenzene-d5
Concen: 66.67 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion: 82 Resp: 493380

Ion	Ratio	Lower	Upper
82	100		
128	38.7	35.8	53.8
54	50.7	37.1	55.7



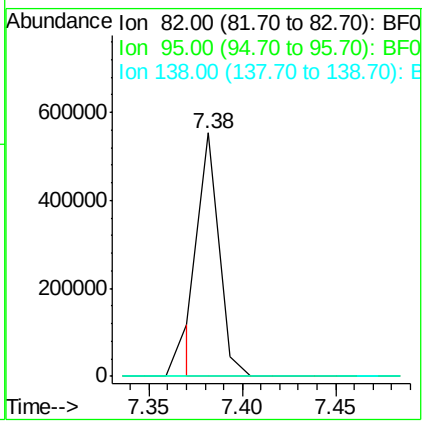


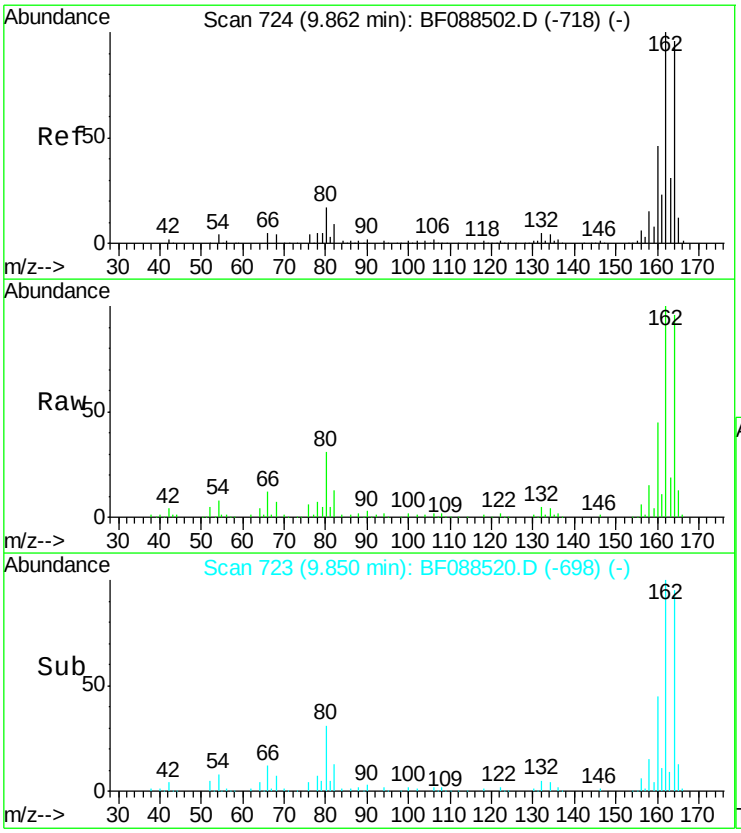
#25
Isophorone
Concen: 27.38 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.27 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion: 82 Resp: 409369

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

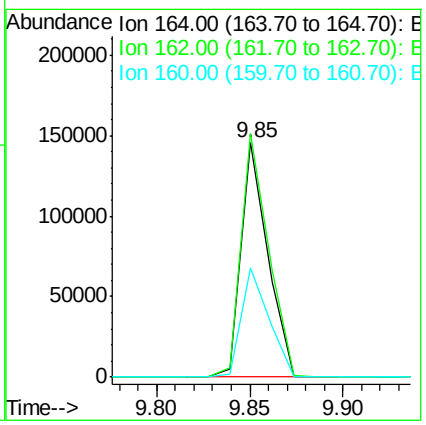


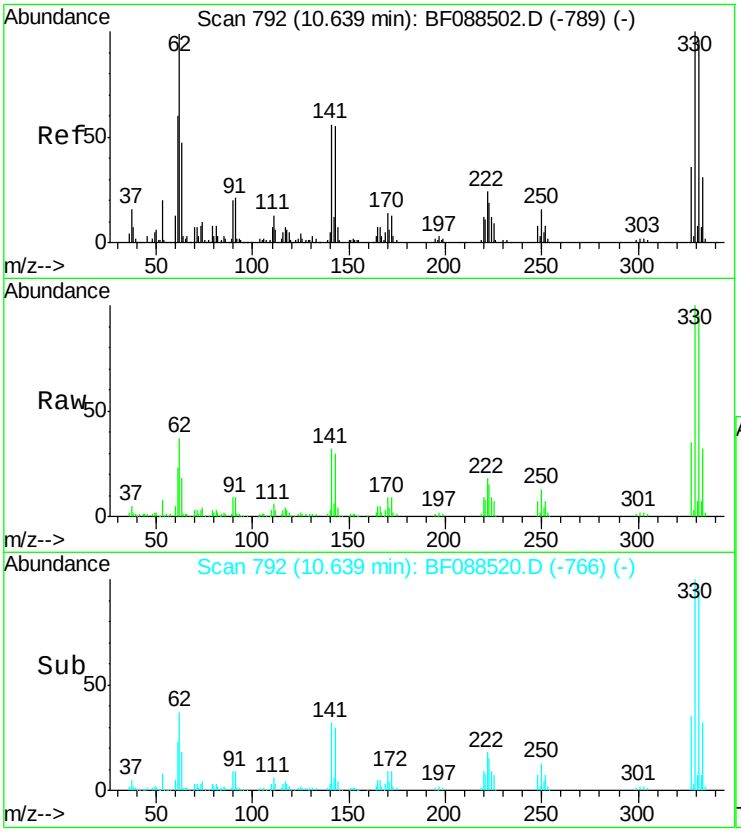


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:164 Resp: 144671

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.7	125.5
160	46.7	38.9	58.3



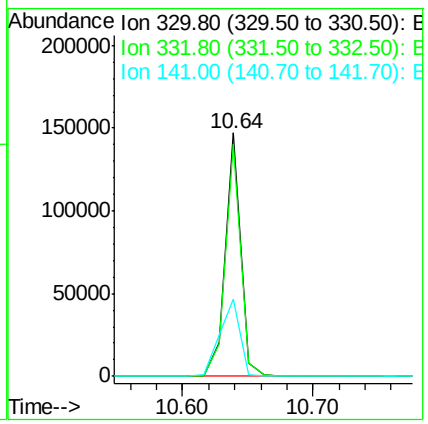


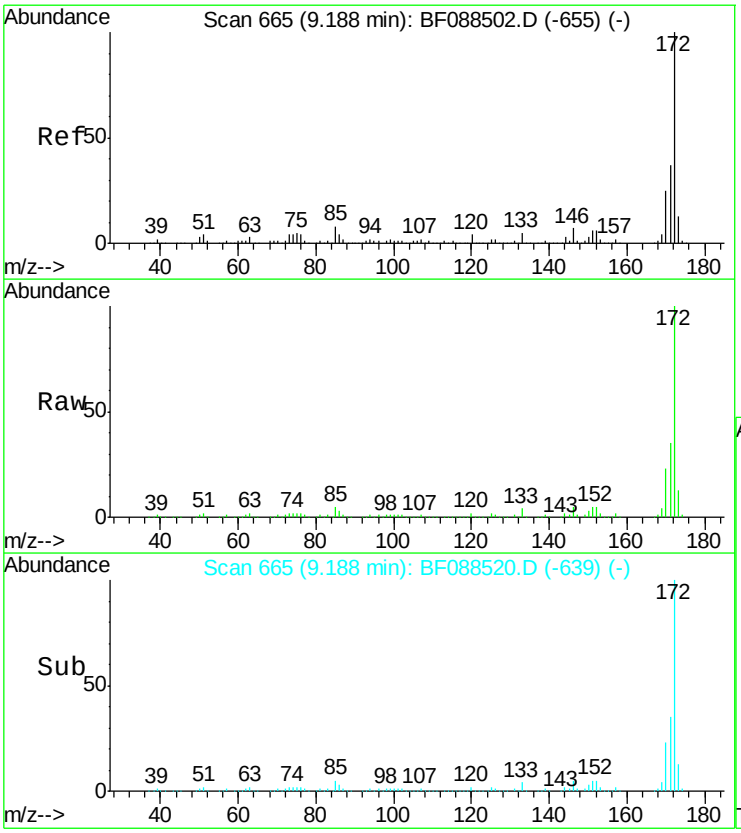
#41
2,4,6-Tribromophenol
Concen: 110.33 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:330 Resp: 122383

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	41.4	0.0	0.0#

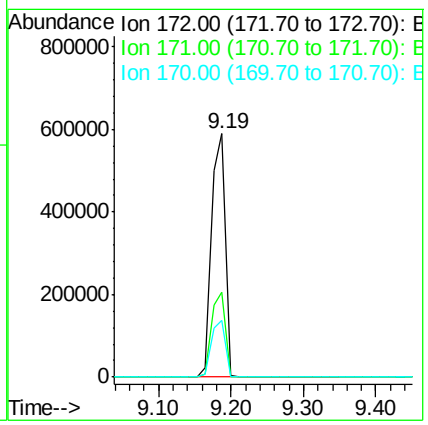


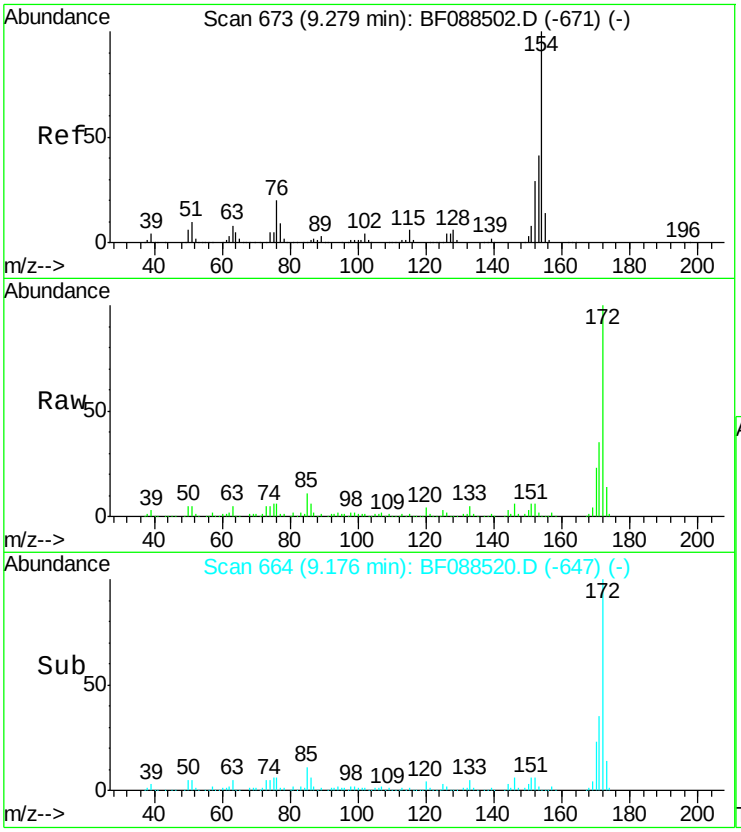


#44
2-Fluorobiphenyl
Concen: 86.06 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:172 Resp: 774131

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.4	19.8	29.8



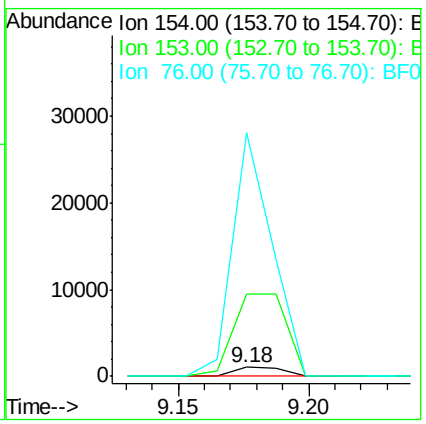


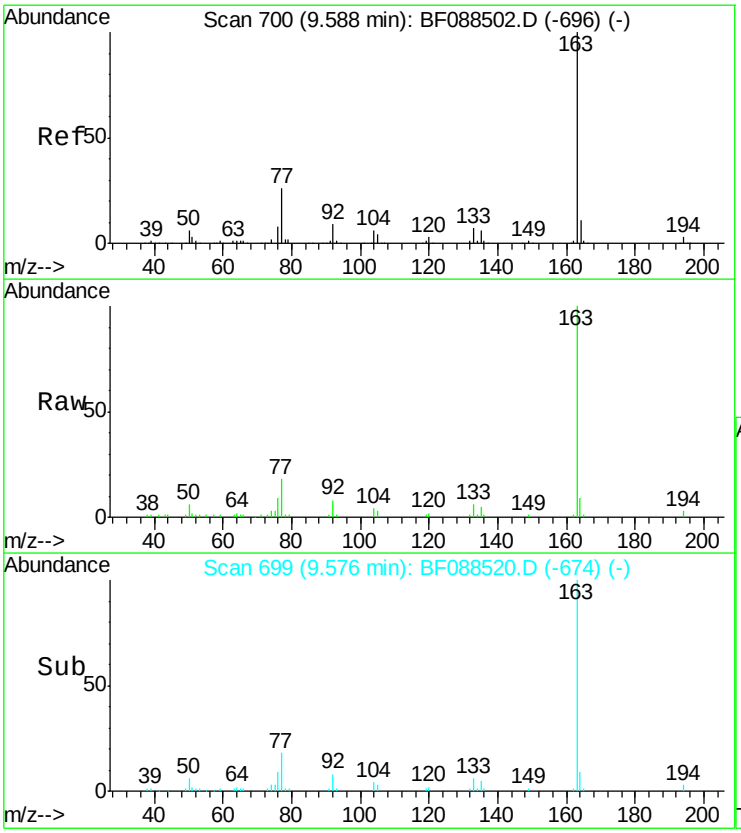
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.10 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:154 Resp: 1370

Ion	Ratio	Lower	Upper
154	100		
153	933.5	20.8	60.8#
76	2746.0	0.0	39.9#

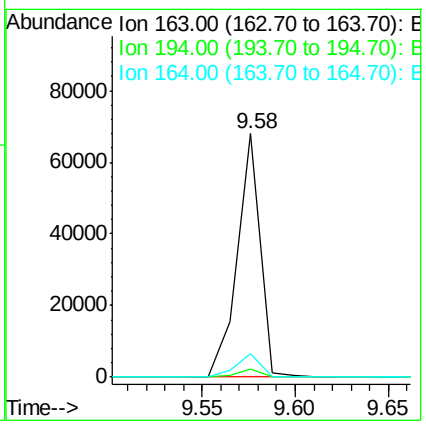


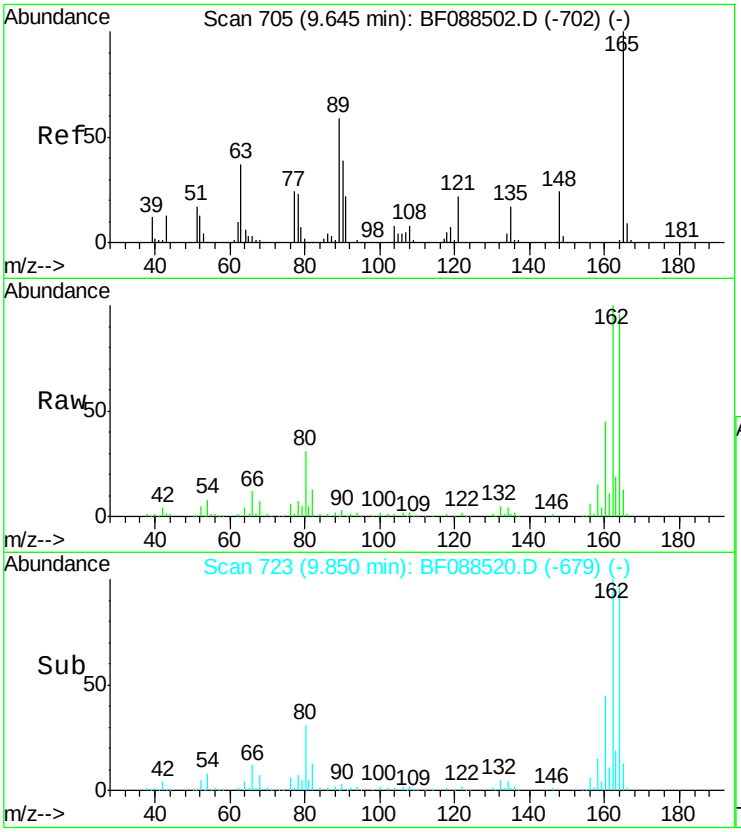


#49
Dimethylphthalate
Concen: 3.05 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:163 Resp: 58389

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.5	12.7



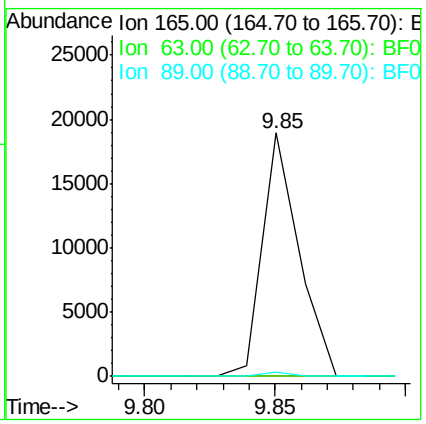


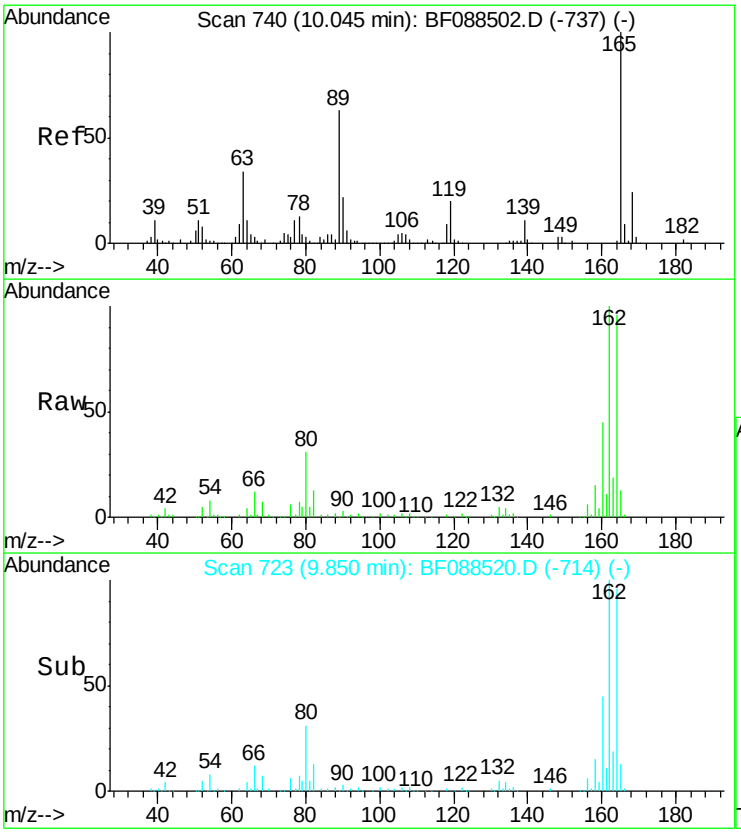
#50
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.21 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:165 Resp: 18515

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	2.0	47.8	71.6#

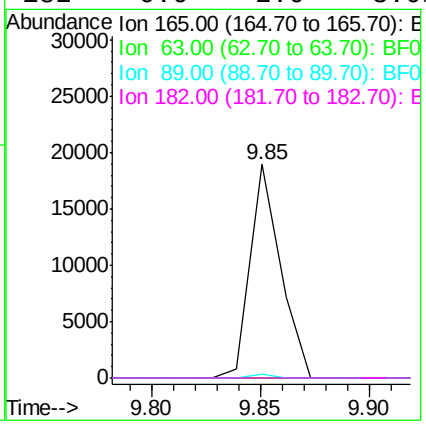


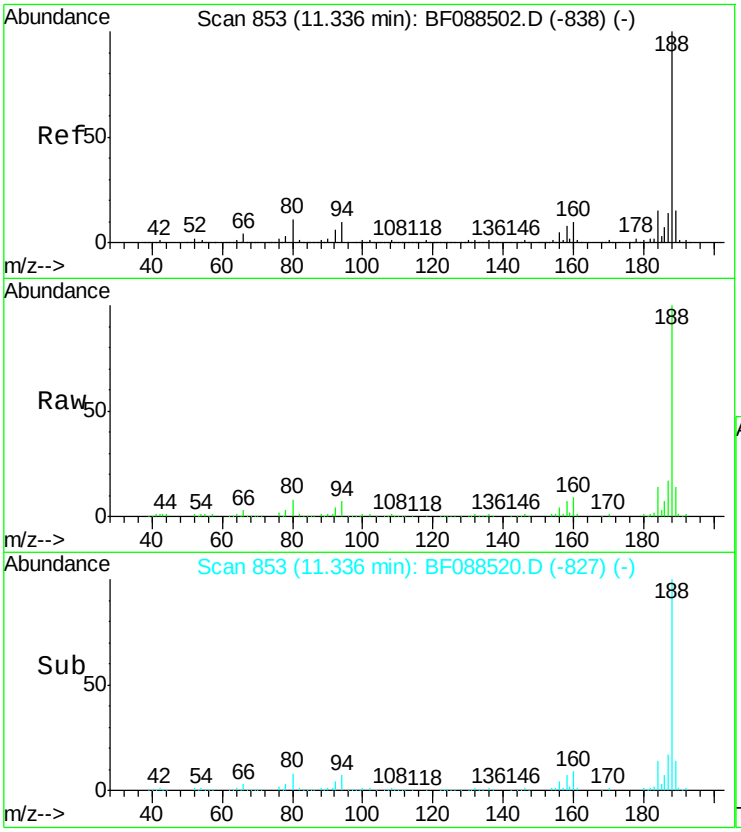


#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.19 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:165 Resp: 18516

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



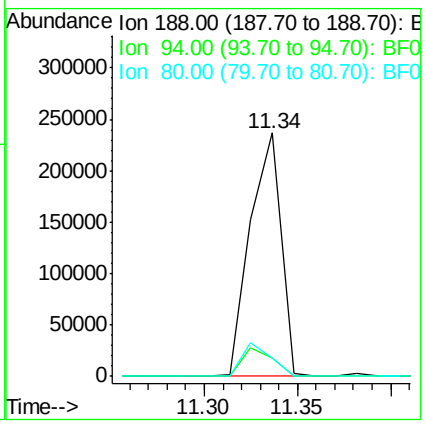


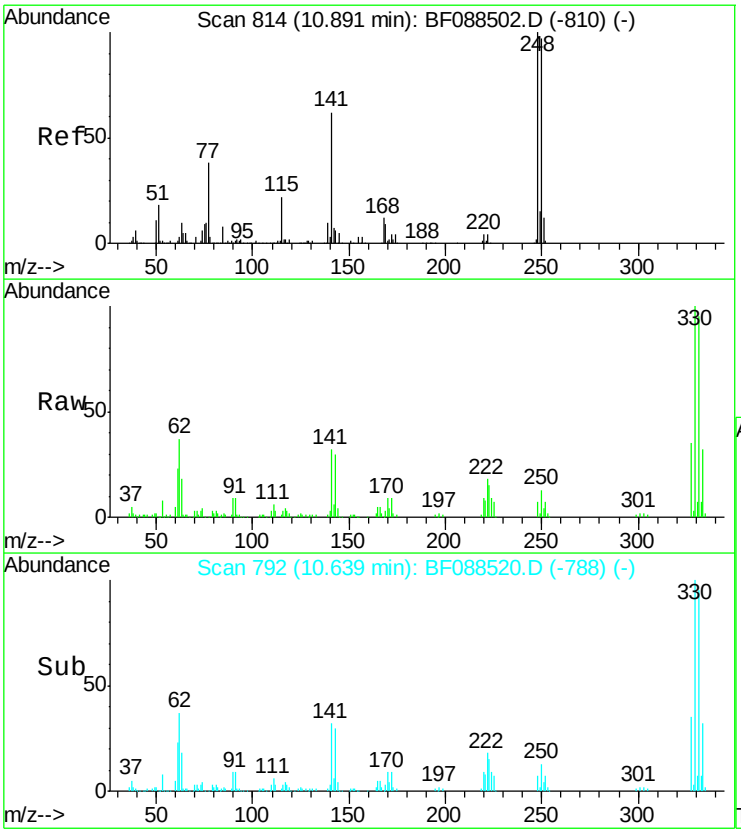
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:188 Resp: 270375

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.8	11.8#
80	7.7	8.7	13.1#

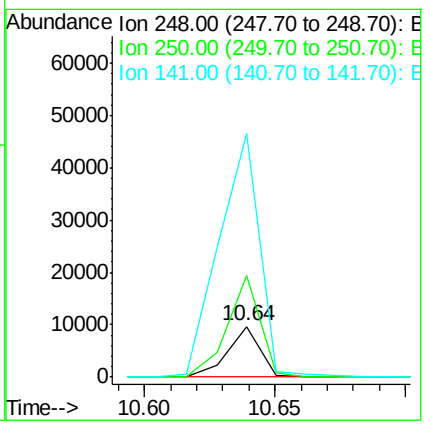


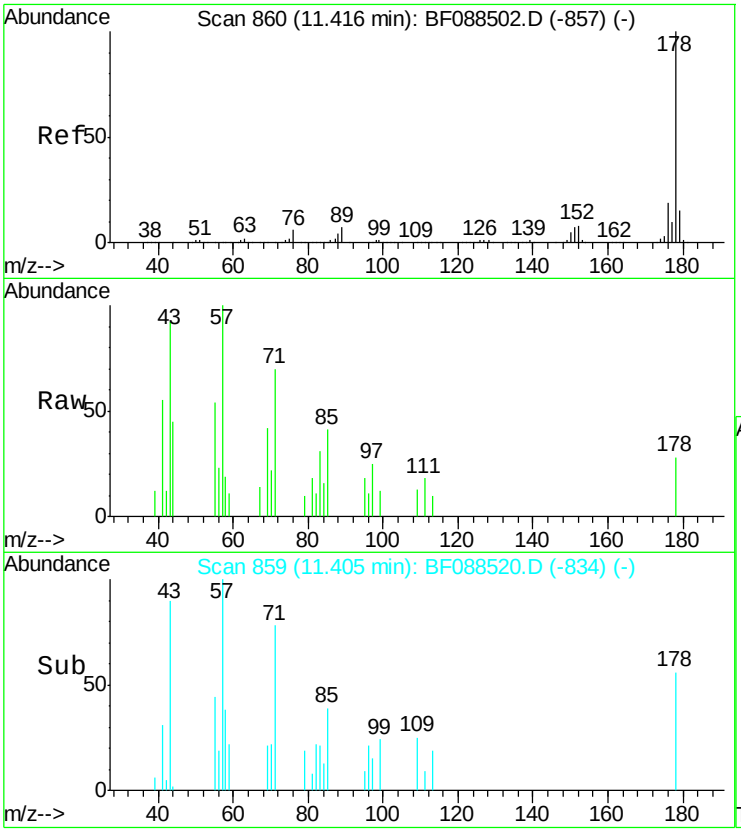


#66
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.25 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:248 Resp: 8464

Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.7	116.5#
141	480.2	49.2	73.8#



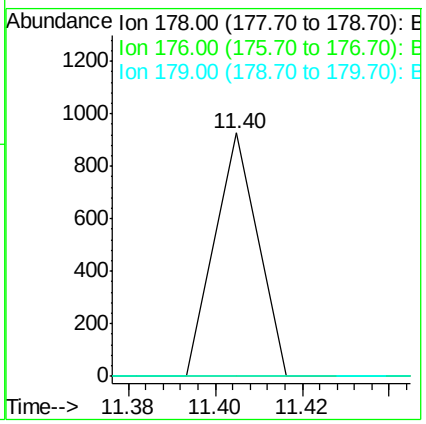


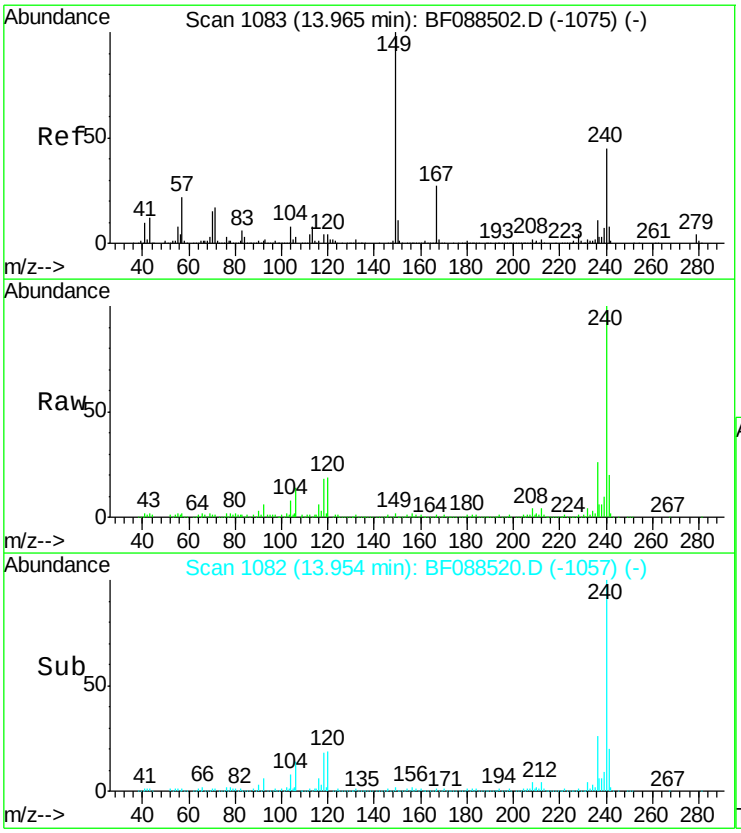
#71
Anthracene
Concen: Below Cal
RT: 11.40 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:178 Resp: 636

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

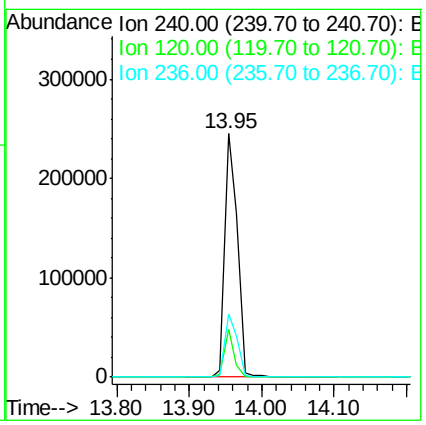


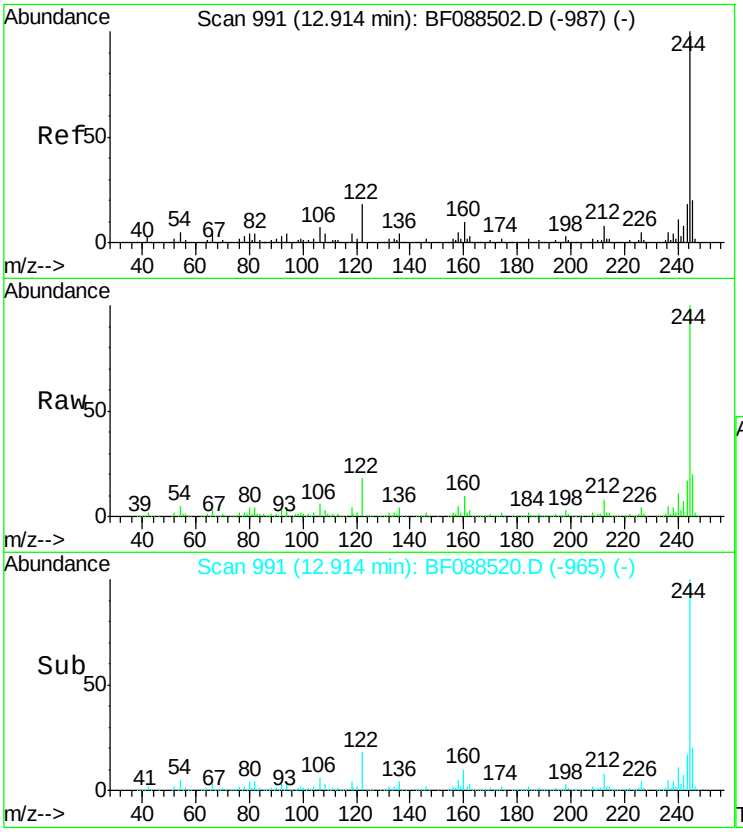


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:240 Resp: 293588

Ion	Ratio	Lower	Upper
240	100		
120	19.5	7.1	10.7#
236	26.2	20.3	30.5



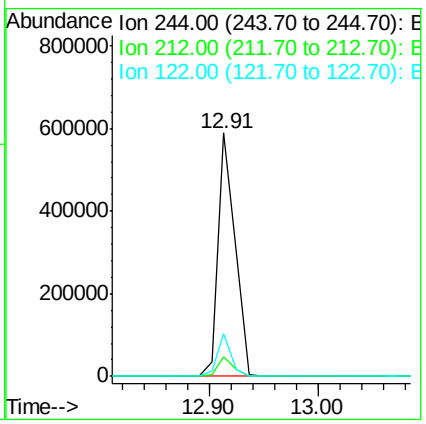


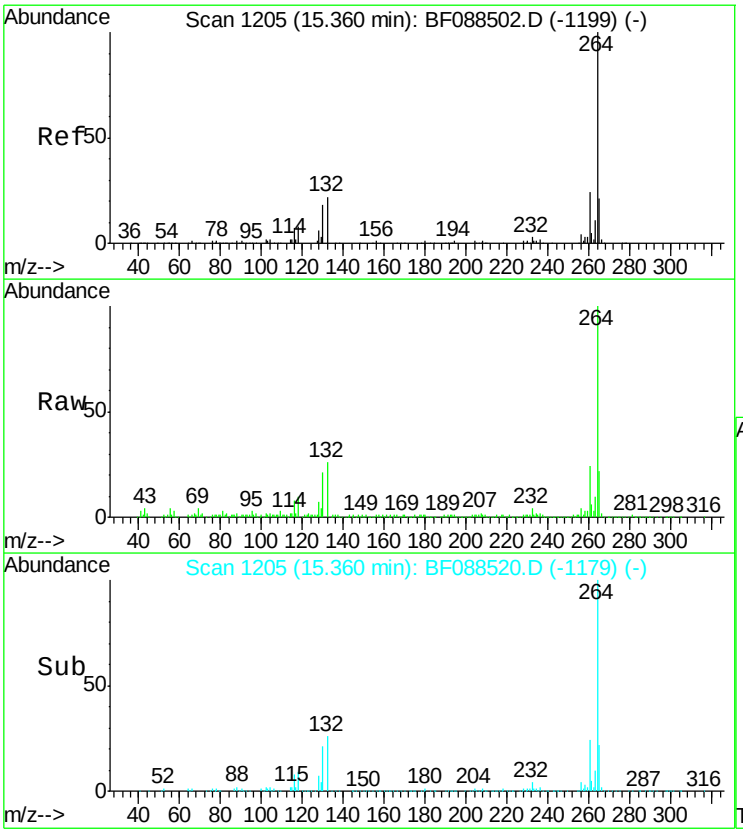
#78
Terphenyl-d14
Concen: 40.45 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF088520.D
Acq: 30 Jun 2016 5:16

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-016

Tgt Ion:244 Resp: 636246

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	17.7	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: BF088520.D
Acq: 30 Jun 2016 5:16

Tgt Ion:264 Resp: 280693

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	17.1	25.7