Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088793.D
Acq On : 7 Jul 2016 22:08
Operator : UM/SJ
Sample : H3830-03RE
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-GF-017RE

Quant Time: Jul 08 01:44:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109510	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	391583	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	167421	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	264076	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	228558	20.00	ng	-0.03
86) Perylene-d12	15.27	264	181729	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	565338	77.37	ng	-0.03
7) Phenol-d6	6.39	99	849551	89.98	ng	-0.02
23) Nitrobenzene-d5	7.31	82	530506	71.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	135343	87.06	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	797278	75.22	ng	-0.03
78) Terphenyl-d14	12.85	244	594876	57.97	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	70208	11.07	ng	# 66
25) Isophorone	7.31	82	486367	35.14	ng	# 65
49) Dimethylphthalate	9.50	163	49845	4.18	ng	99
50) 2,6-Dinitrotoluene	9.78	165	21084	7.98	ng	# 39
56) 2,4-Dinitrotoluene	9.78	165	21084	6.10	ng	# 37
66) 4-Bromophenyl-phenylether	10.56	248	8599	3.23	ng	# 1

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

Quantitation Report (Not Reviewed)

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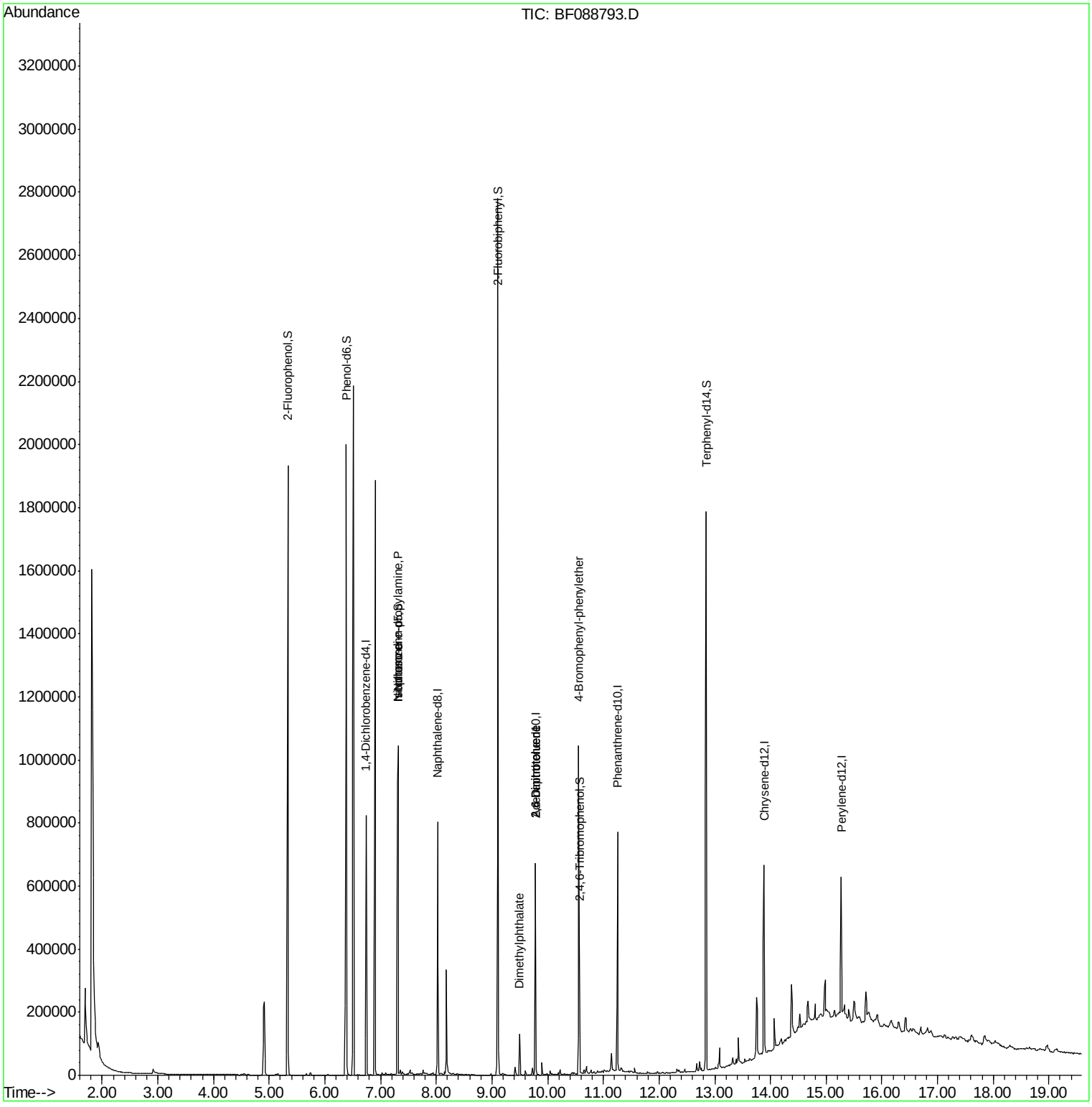
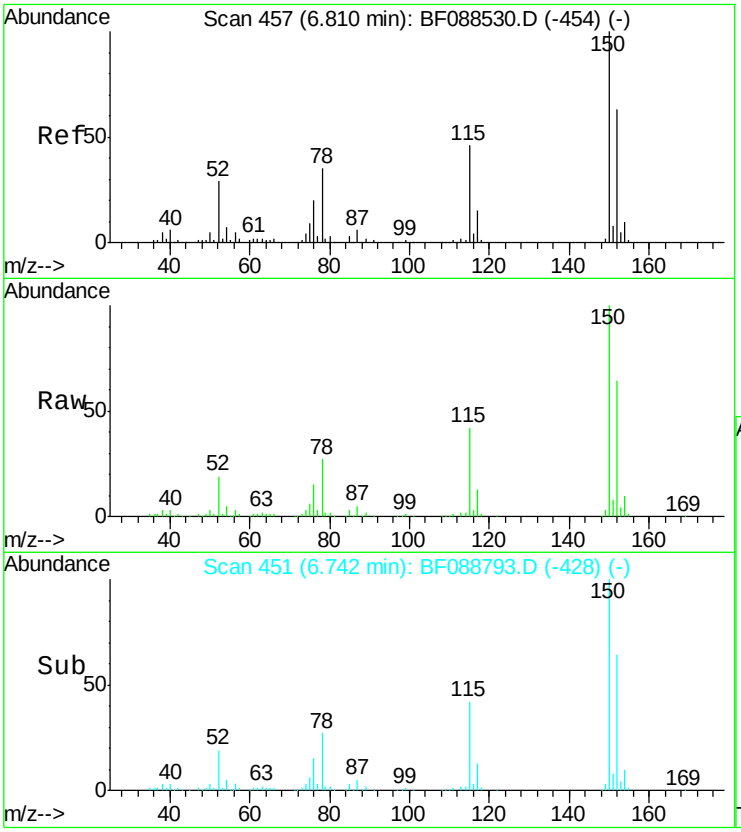


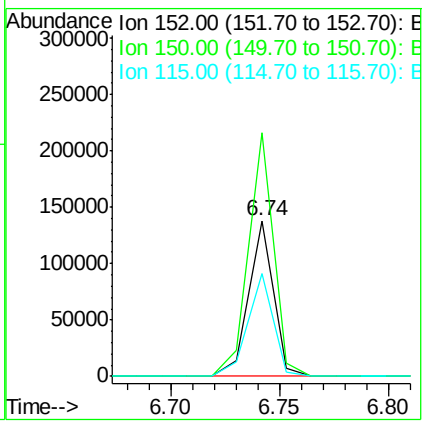


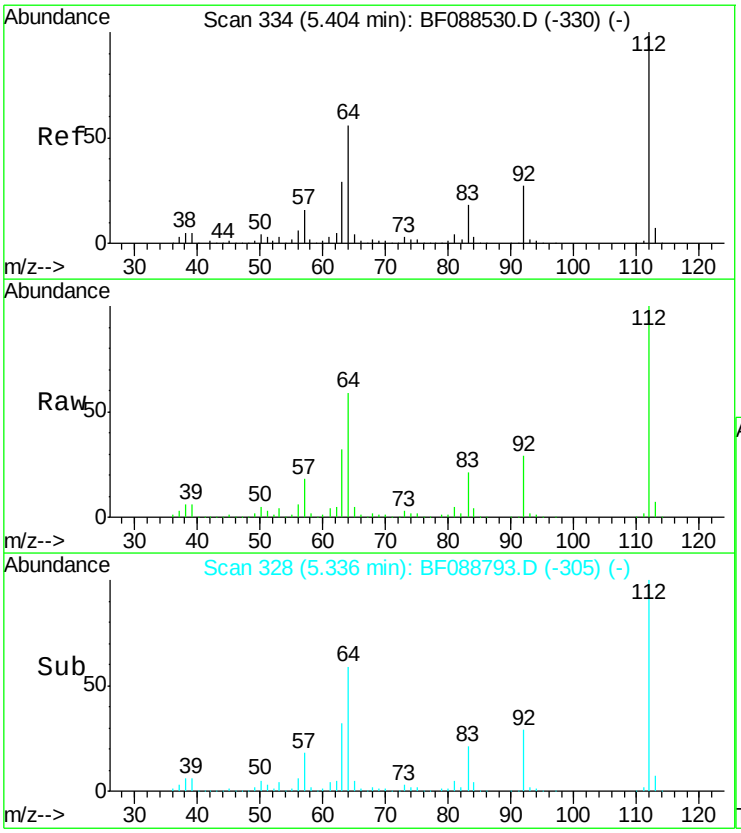
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:152 Resp: 109510

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	66.2	39.6	59.4#

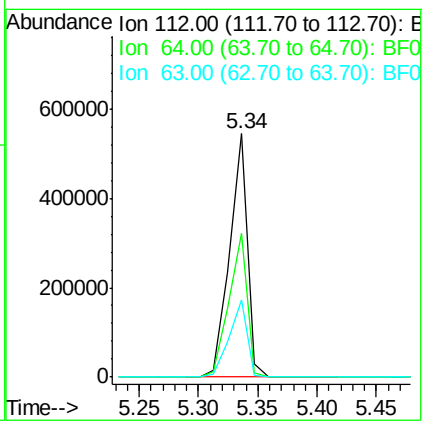


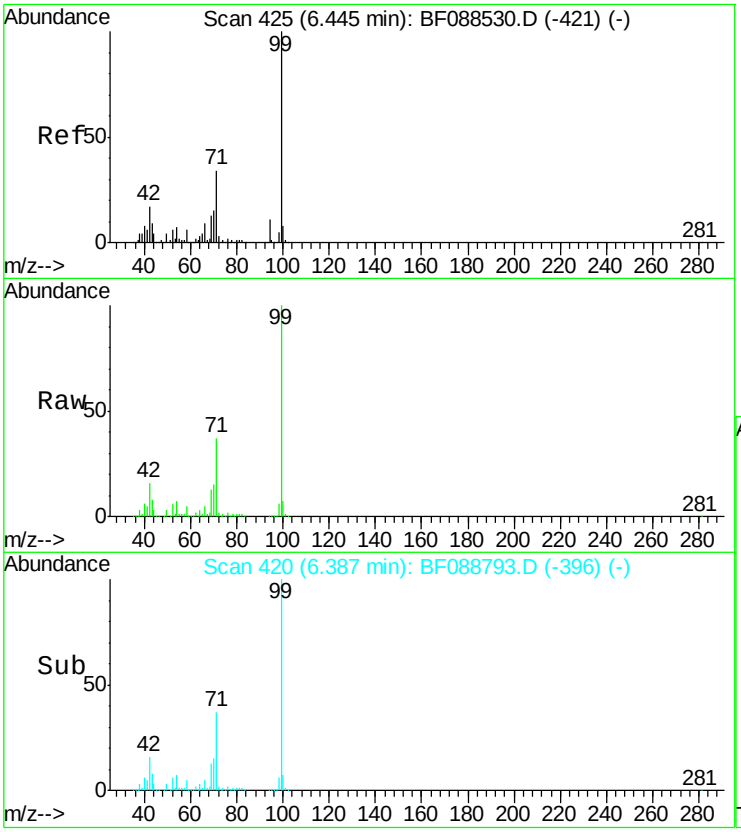


#5
2-Fluorophenol
Concen: 77.37 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:112 Resp: 565338

Ion	Ratio	Lower	Upper
112	100		
64	59.2	42.2	63.2
63	31.8	21.8	32.8



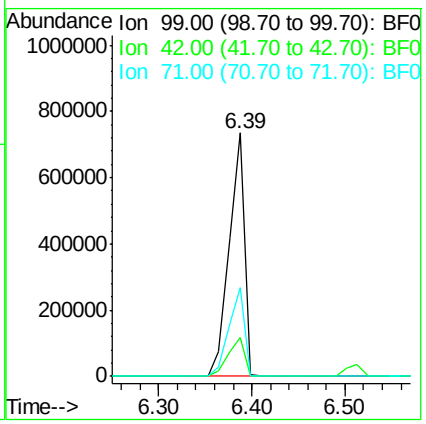


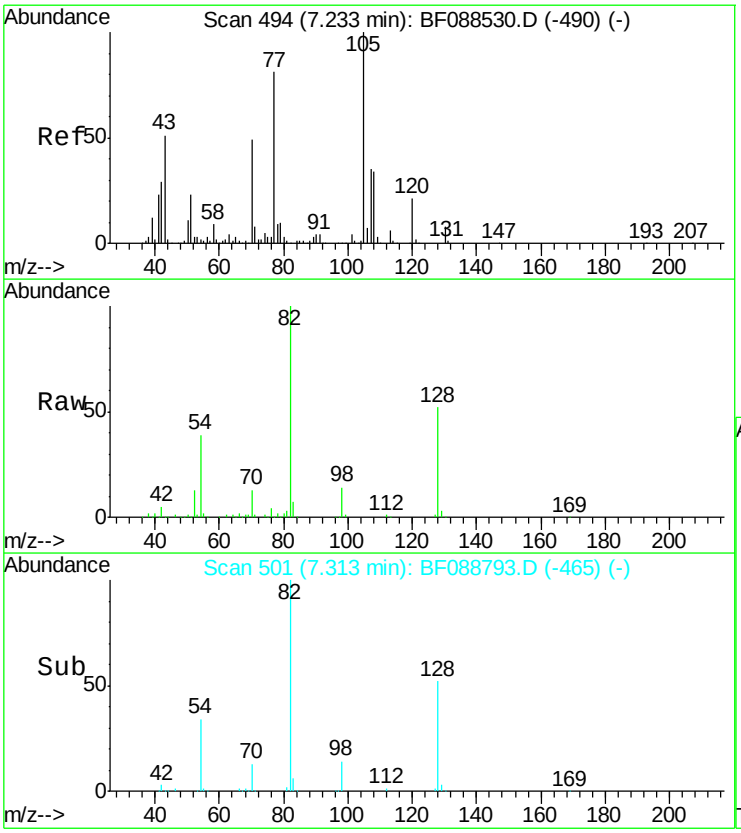
#7
Phenol-d6
Concen: 89.98 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion: 99 Resp: 849551

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	36.7	23.4	35.0#

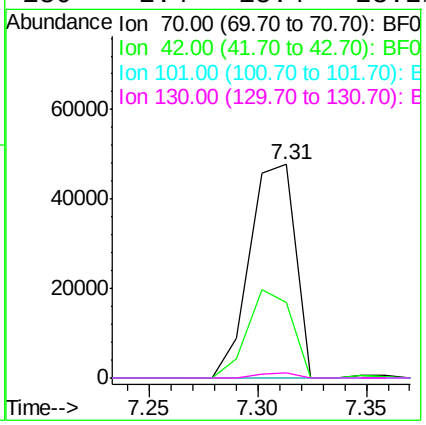


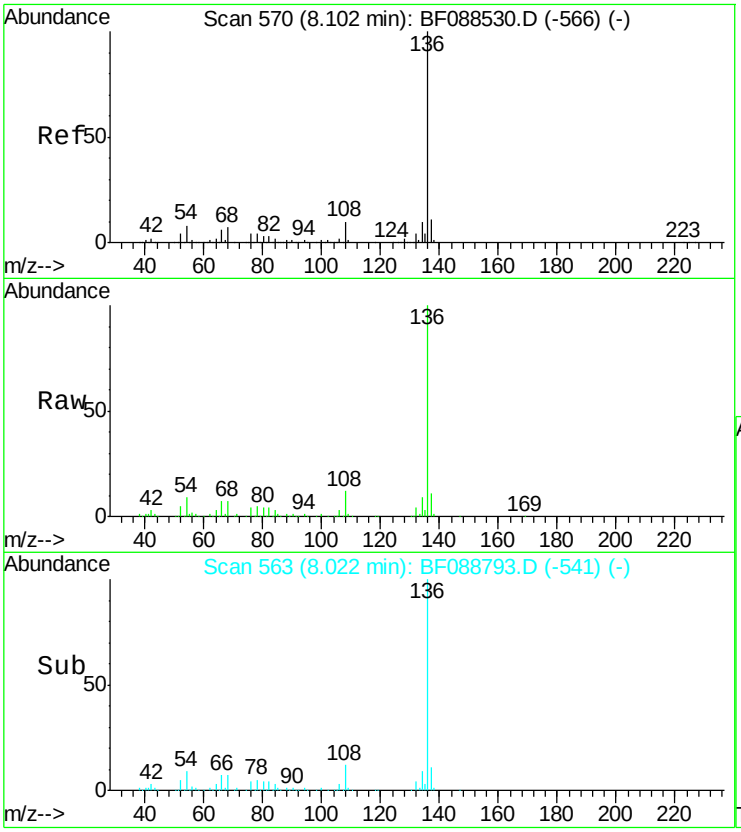


#19
n-Nitroso-di-n-propylamine
Concen: 11.07 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.11 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion: 70 Resp: 70208

Ion	Ratio	Lower	Upper
70	100		
42	35.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



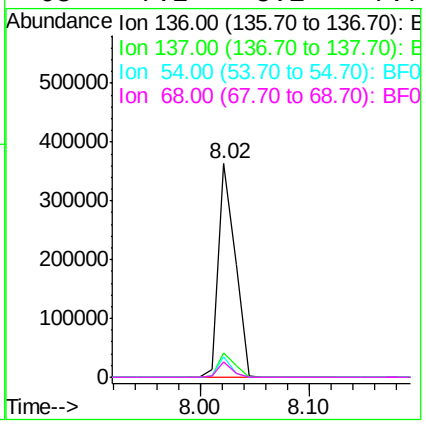


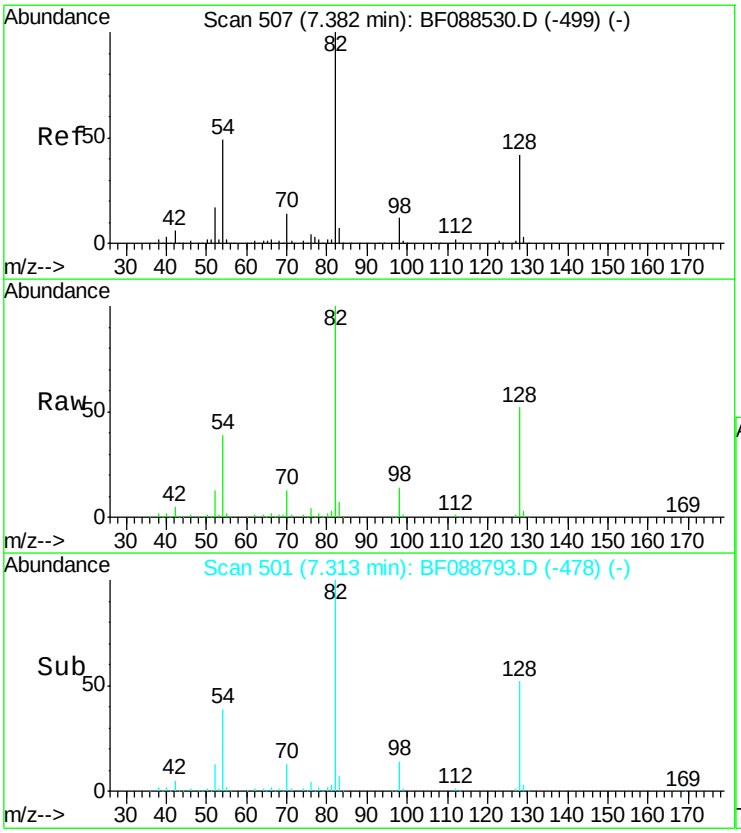
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:136 Resp: 391583

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	6.6	10.0
68	7.2	5.1	7.7

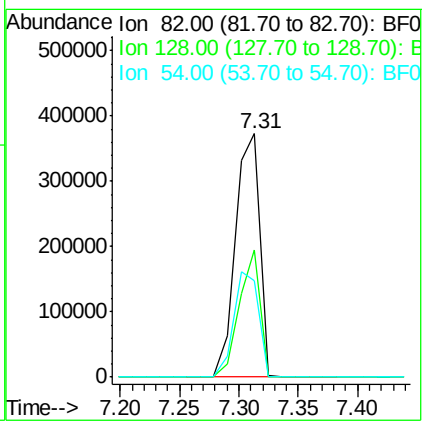


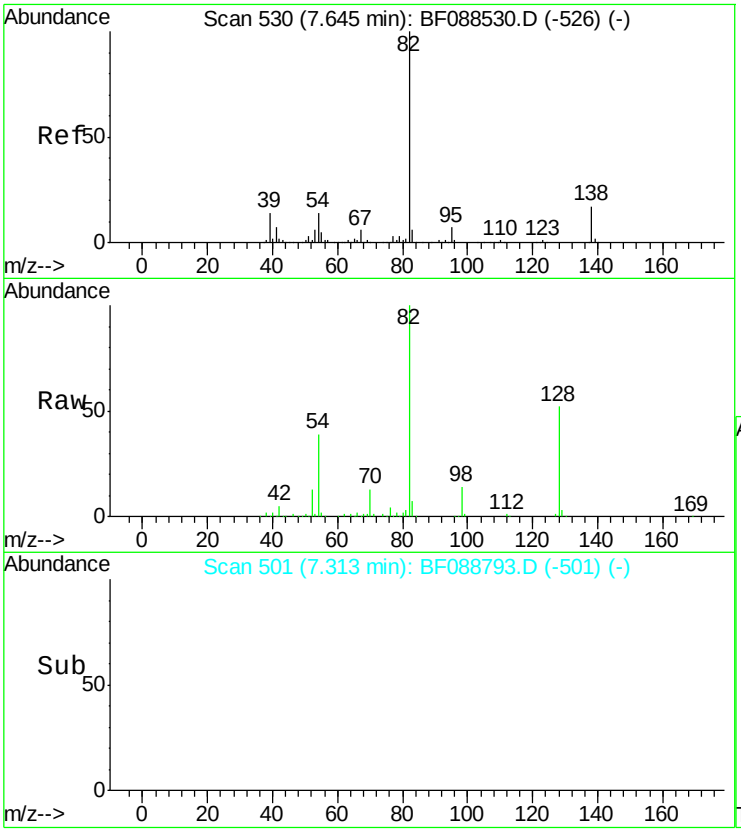


#23
Nitrobenzene-d5
Concen: 71.00 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion: 82 Resp: 530506

Ion	Ratio	Lower	Upper
82	100		
128	52.0	35.9	53.9
54	39.5	40.9	61.3#



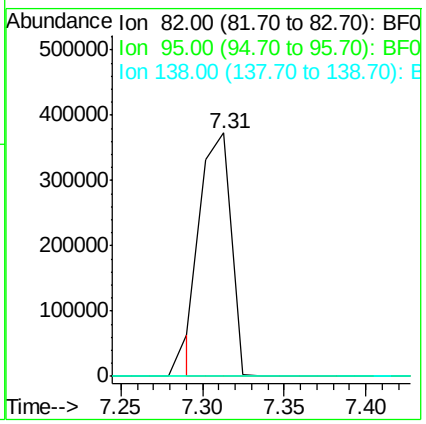


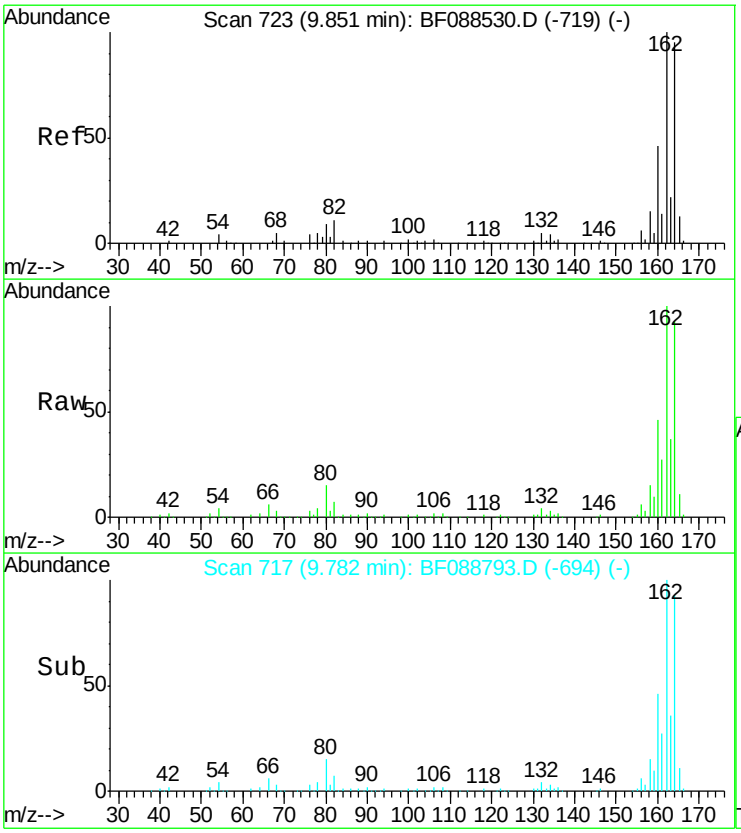
#25
Isophorone
Concen: 35.14 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.30 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion: 82 Resp: 486367

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

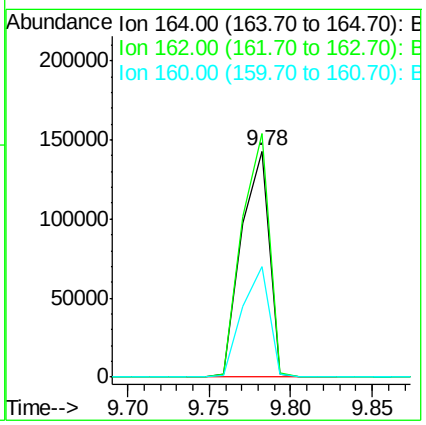


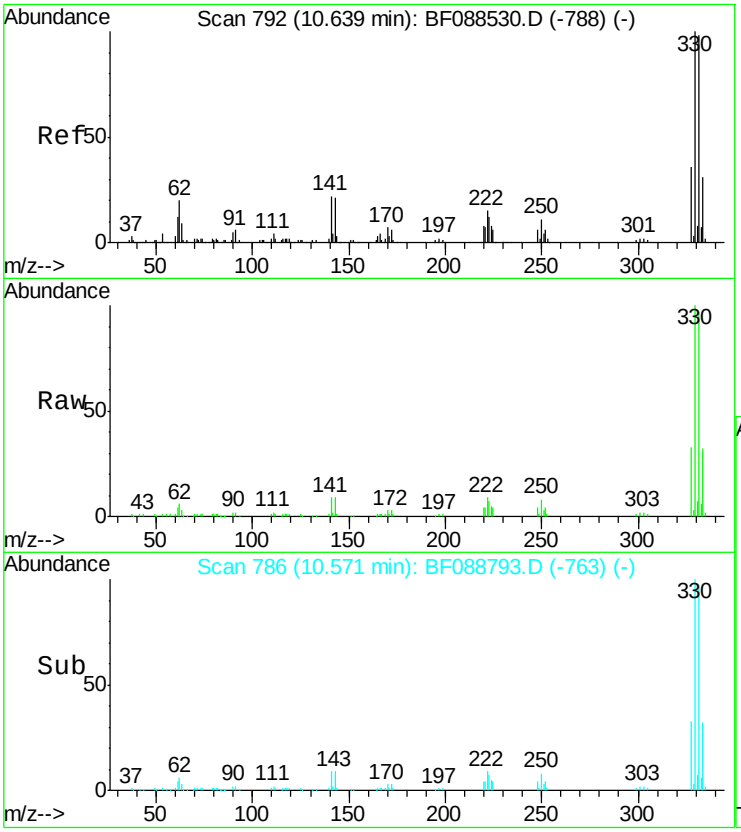


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:164 Resp: 167421

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.2
160	49.2	39.5	59.3



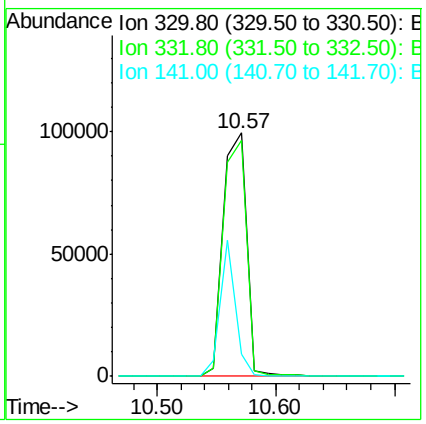


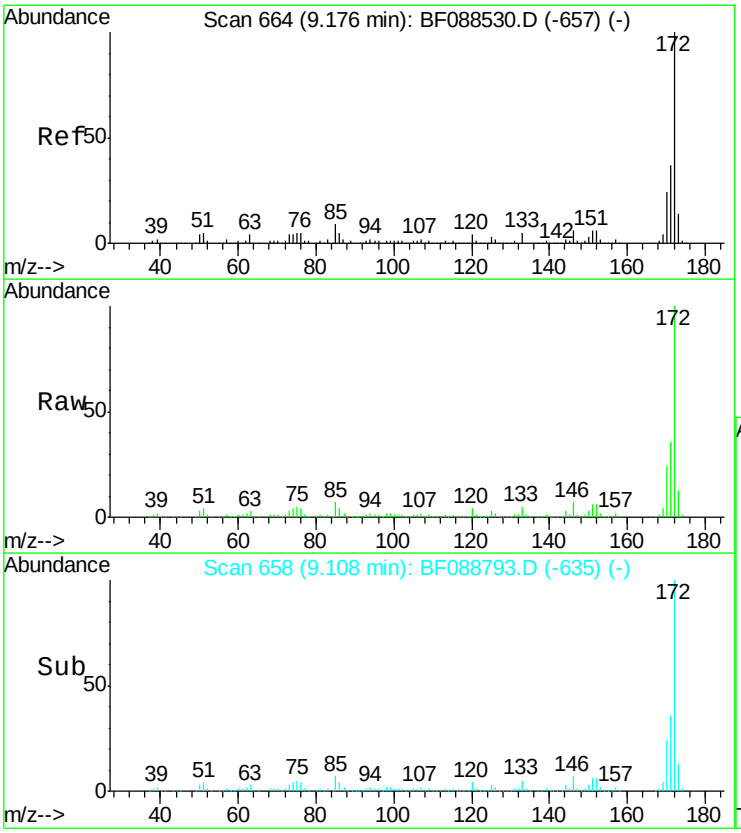
#41
2,4,6-Tribromophenol
Concen: 87.06 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:330 Resp: 135343

Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.5	0.0	0.0#

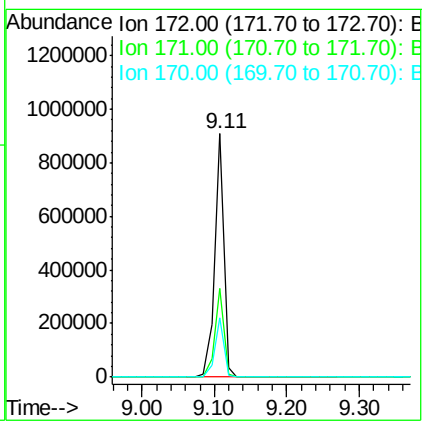


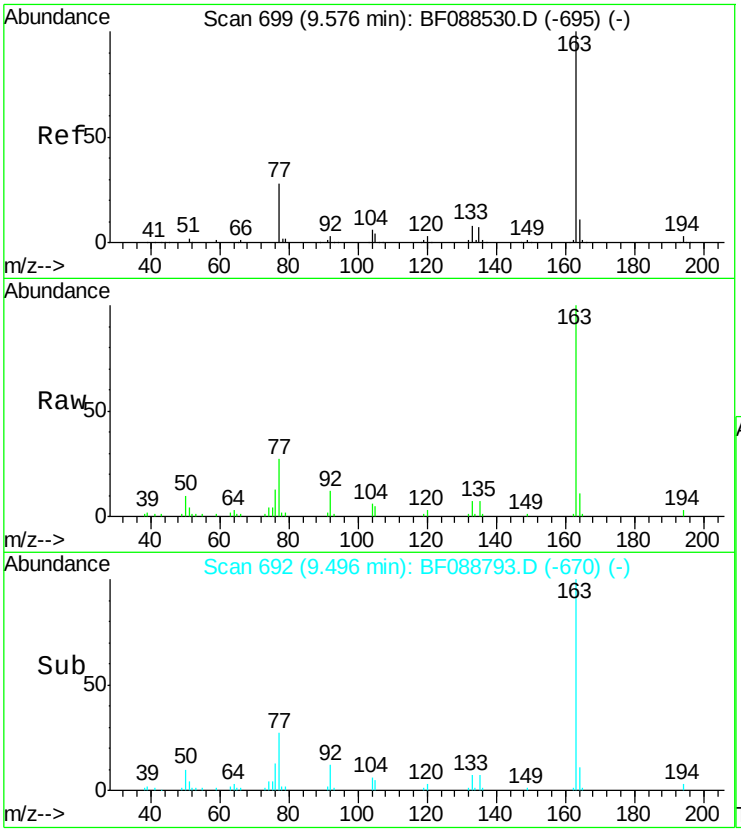


#44
2-Fluorobiphenyl
Concen: 75.22 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:172 Resp: 797278

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	19.2	28.8



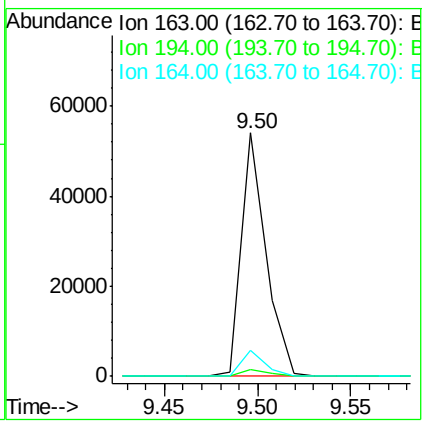


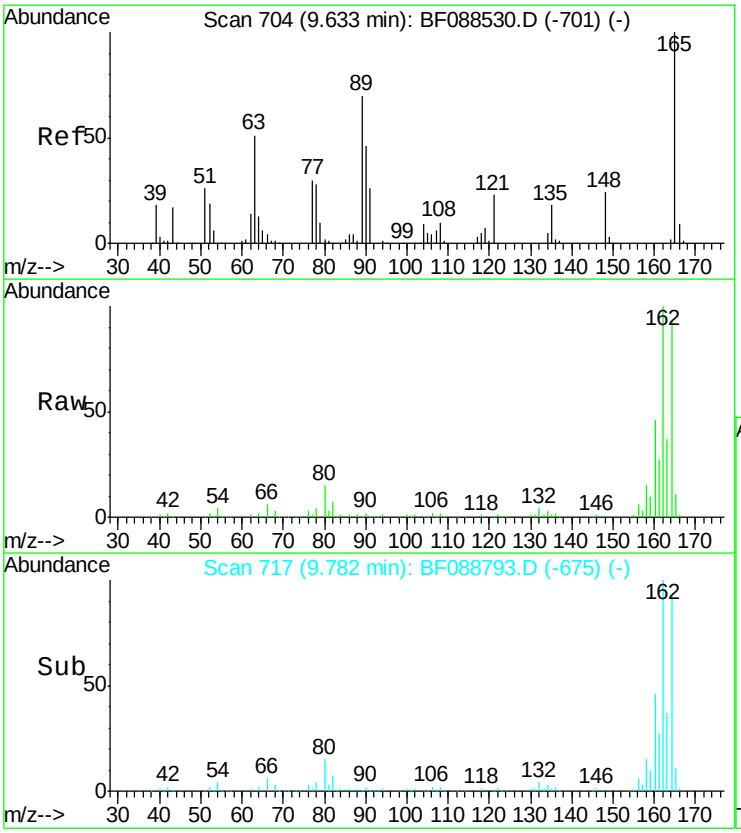
#49
Dimethylphthalate
Concen: 4.18 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:163 Resp: 49845

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.6	8.3	12.5

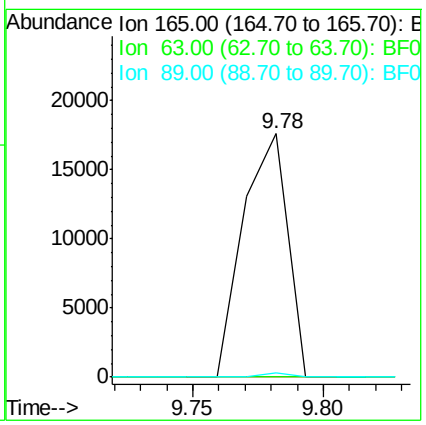


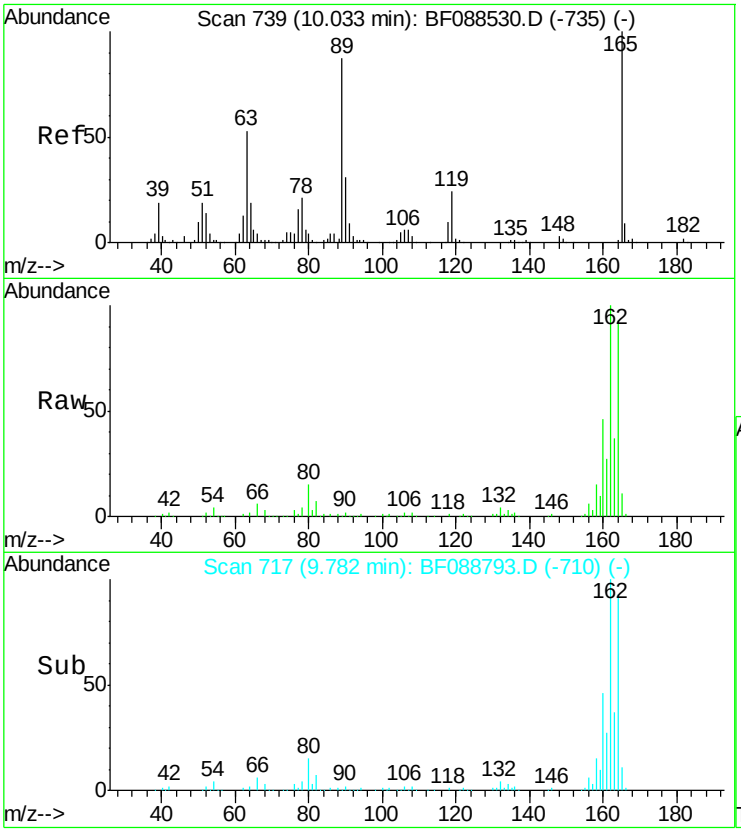


#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.18 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:165 Resp: 21084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.9	32.2	48.2#



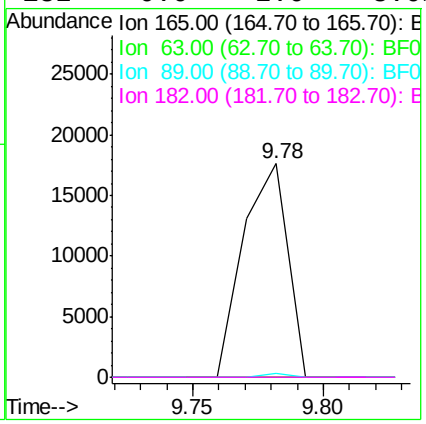


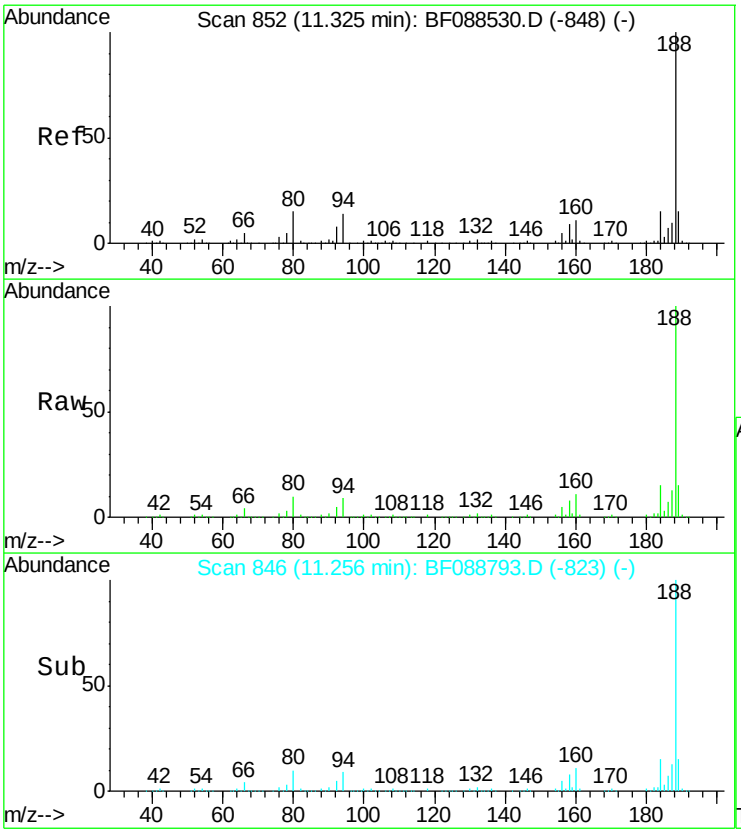
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:165 Resp: 21084

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

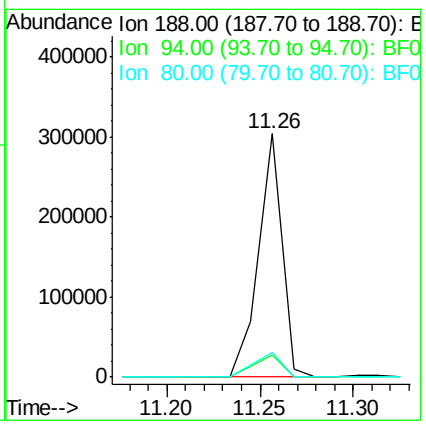


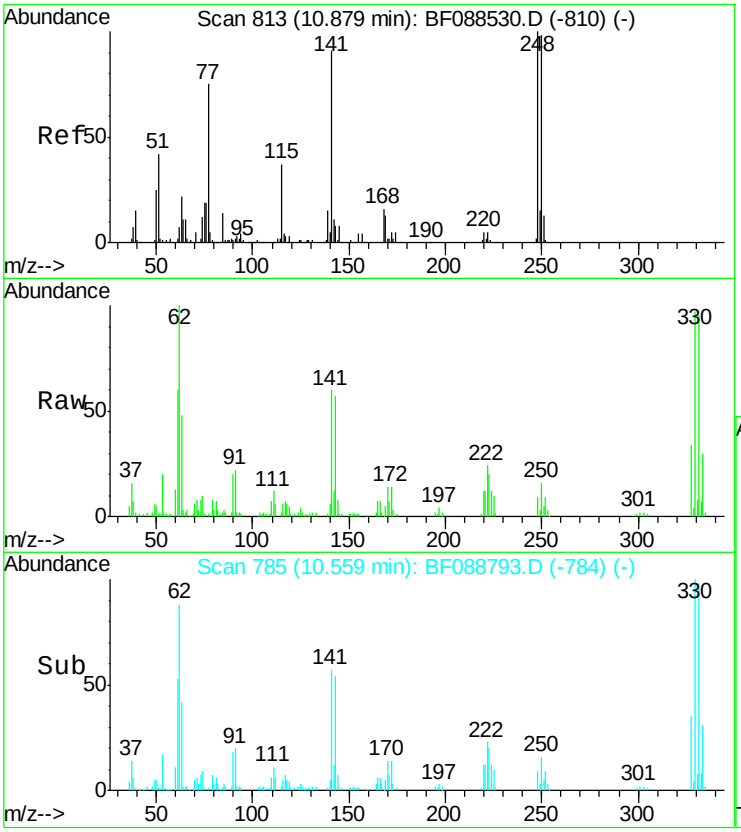


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:188 Resp: 264076

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.6
80	10.3	10.0	15.0



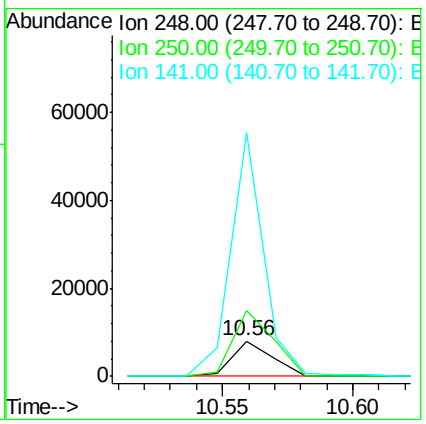


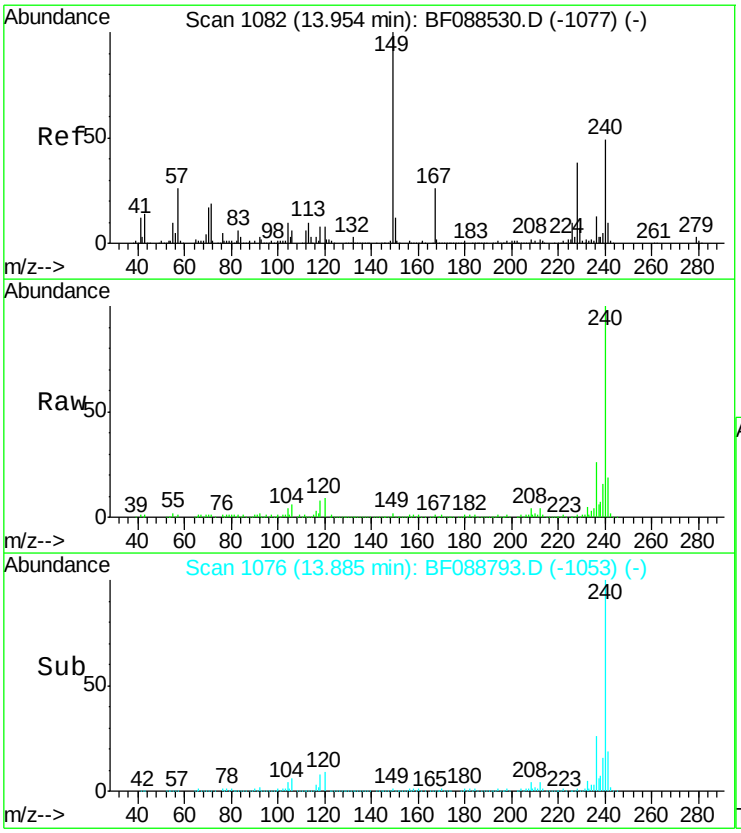
#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.29 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:248 Resp: 8599

Ion	Ratio	Lower	Upper
248	100		
250	187.7	77.1	115.7#
141	692.3	50.6	76.0#

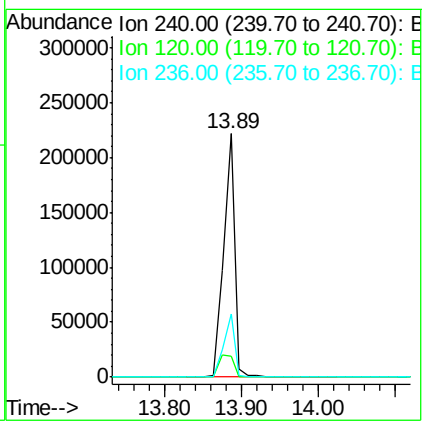


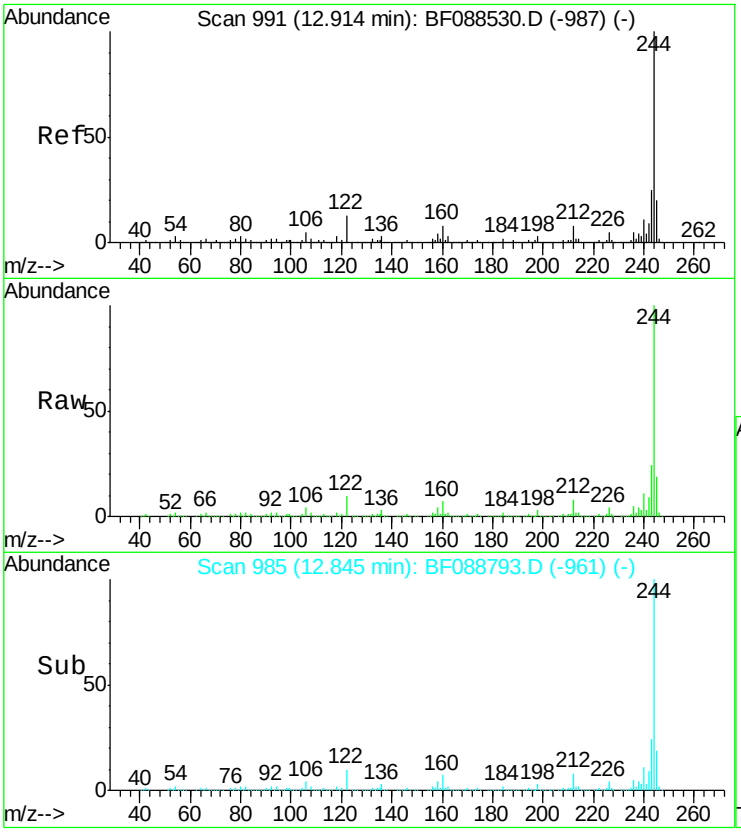


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:240 Resp: 228558

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.2	20.2	30.2



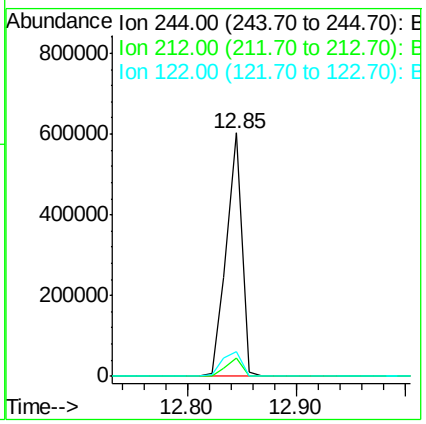


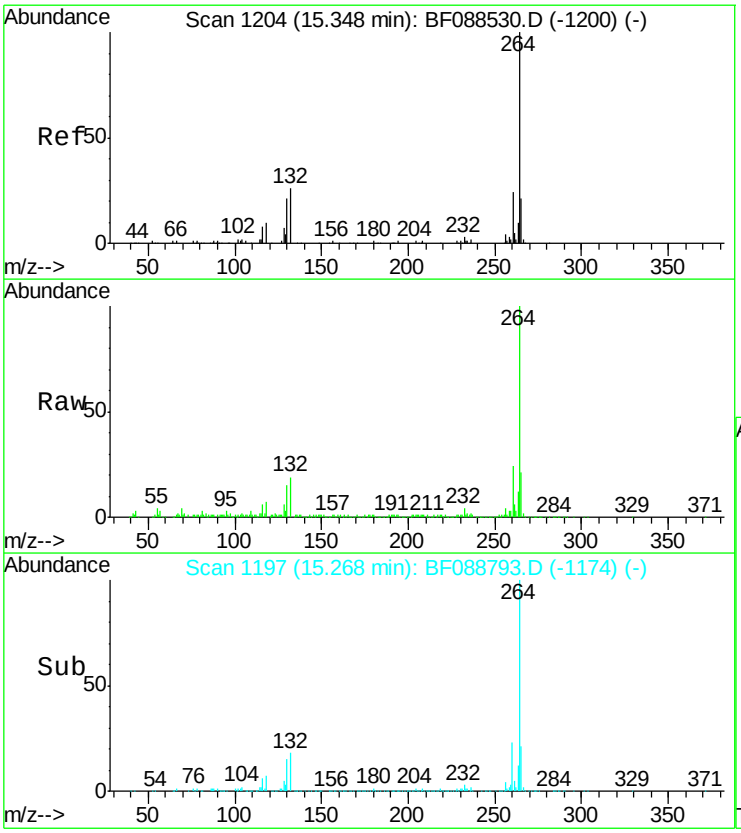
#78
Terphenyl-d14
Concen: 57.97 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-017RE

Tgt Ion:244 Resp: 594876

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	10.0	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088793.D
Acq: 7 Jul 2016 22:08

Tgt Ion:264 Resp: 181729

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	16.9	25.3