Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086117.D
Acq On : 7 Apr 2016 00:21
Operator : UM/SJ
Sample : H2087-01RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-MH-SF-002

Quant Time: Apr 07 01:16:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	308818	20.00	ng	0.13
21) Naphthalene-d8	8.03	136	420236	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	150510	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	252497	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	238225	20.00	ng	-0.02
86) Perylene-d12	15.30	264	172182	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	733948	40.62	ng	-0.02
7) Phenol-d6	6.40	99	939481	40.94	ng	-0.02
23) Nitrobenzene-d5	7.31	82	468728	65.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	132257	93.62	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	754064	83.30	ng	-0.03
78) Terphenyl-d14	12.85	244	694112	68.49	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	62507	4.39	ng	# 78
25) Isophorone	7.31	82	438270	31.16	ng	# 68
40) Hexachlorocyclopentadiene	8.84	237	1034	6.24	ng	# 26
49) Dimethylphthalate	9.50	163	94771	8.50	ng	99
53) 2,4-Dinitrophenol	9.85	184	215	2.18	ng	# 33

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

Quantitation Report (Not Reviewed)

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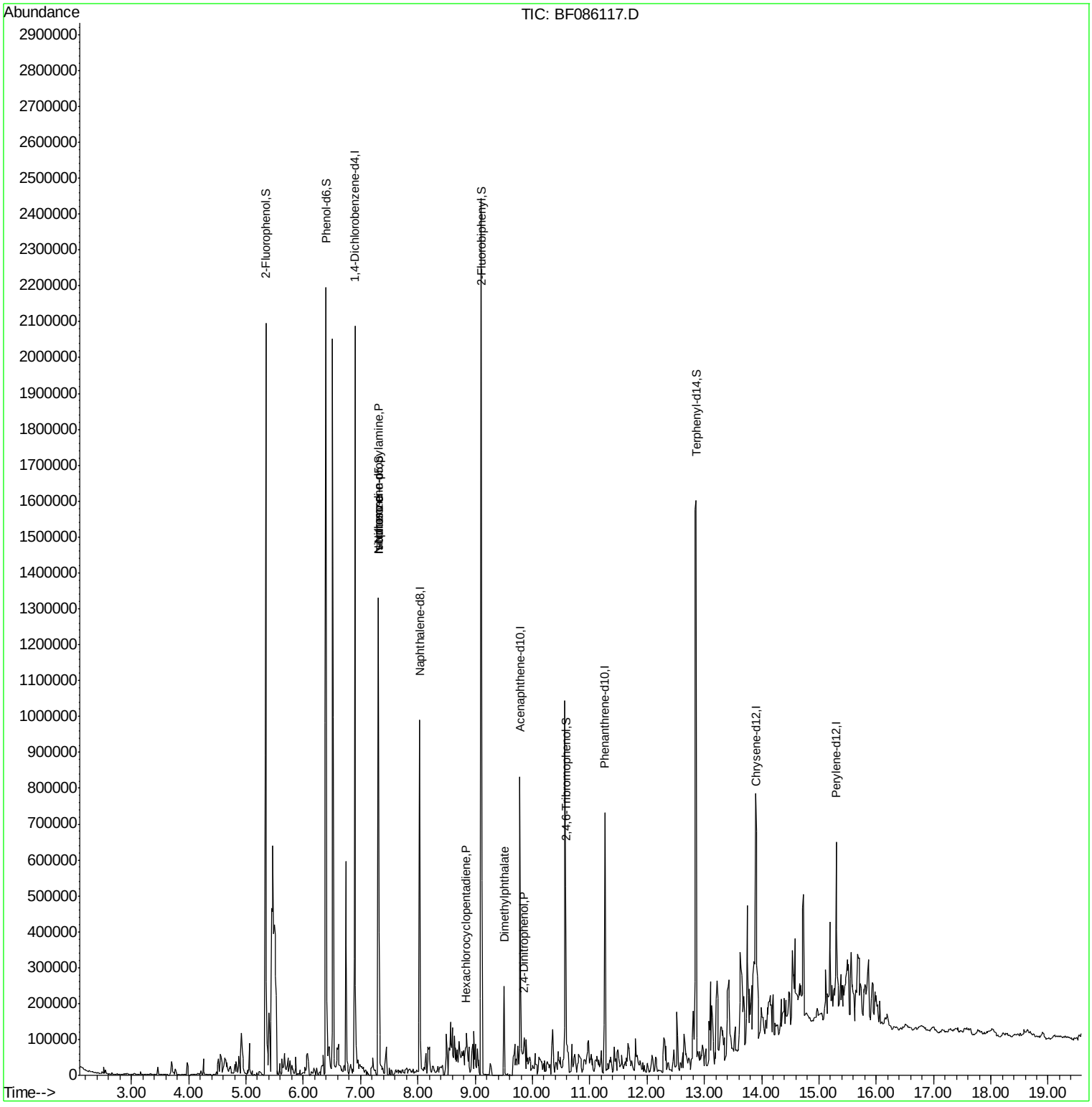
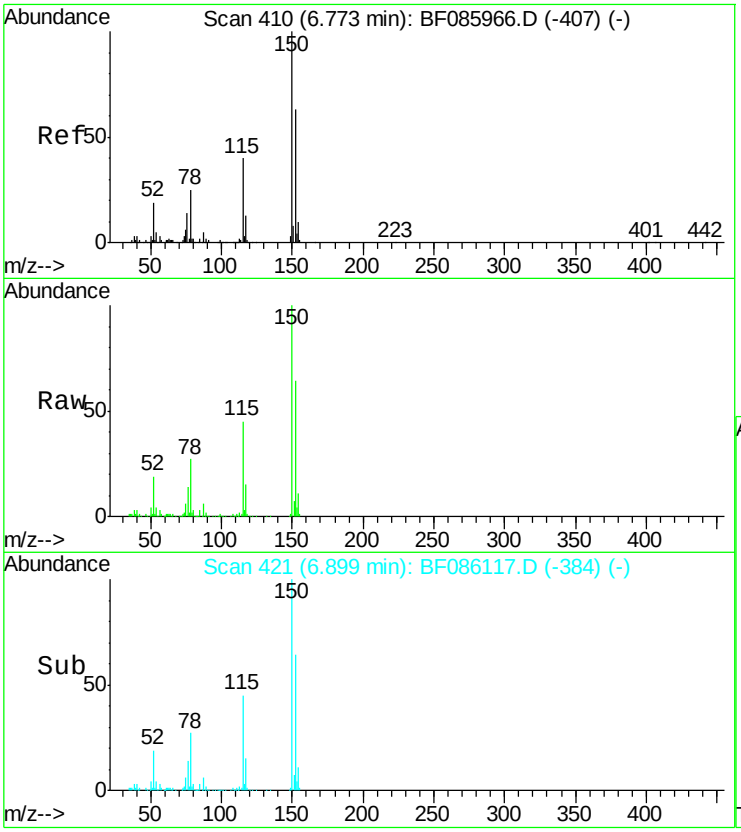


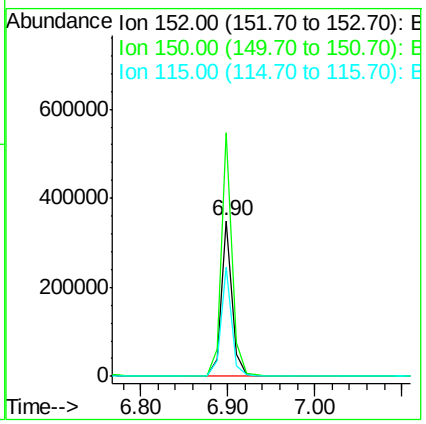


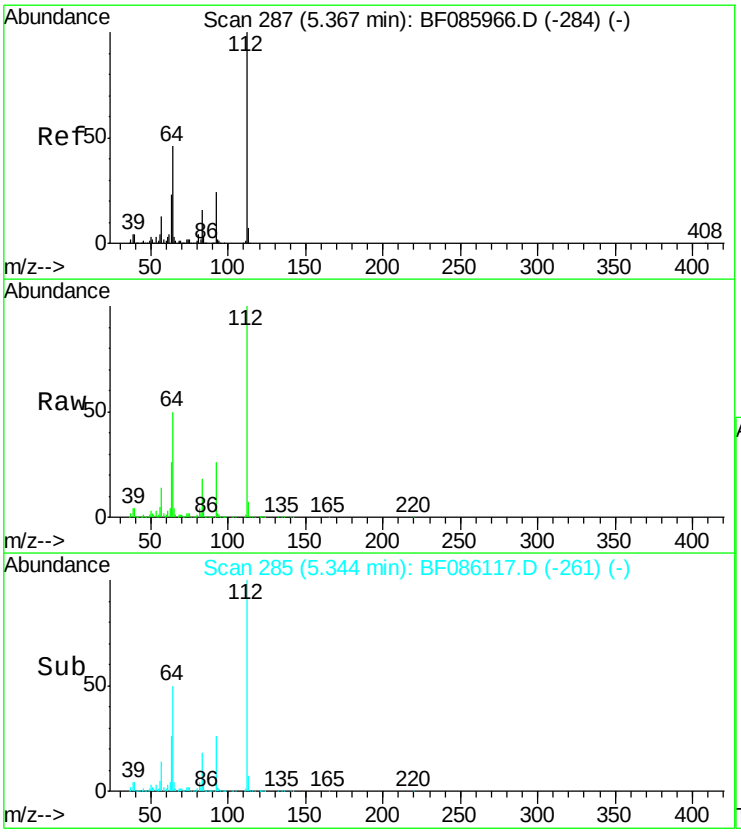
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.13 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:152 Resp: 308818

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	70.4	47.0	70.6

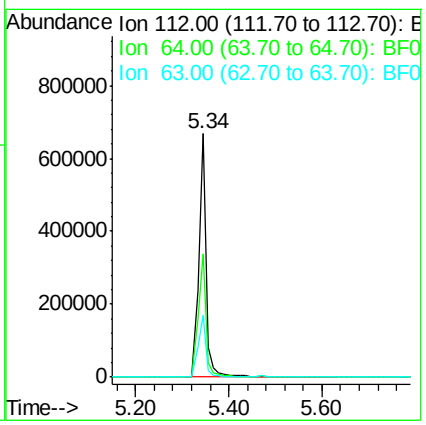


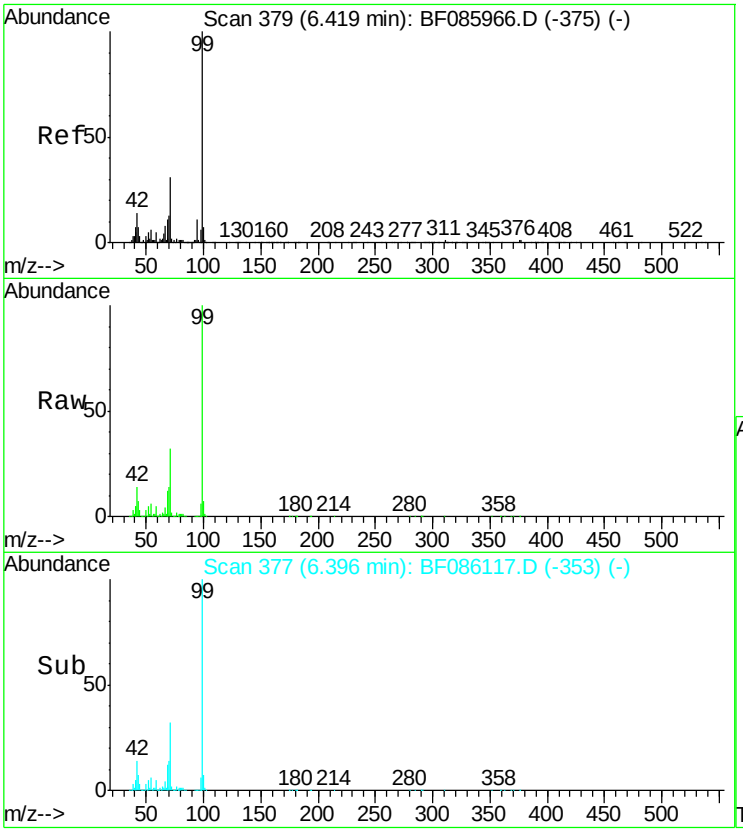


#5
2-Fluorophenol
Concen: 40.62 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:112 Resp: 733948

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.9	59.9
63	25.6	20.2	30.2



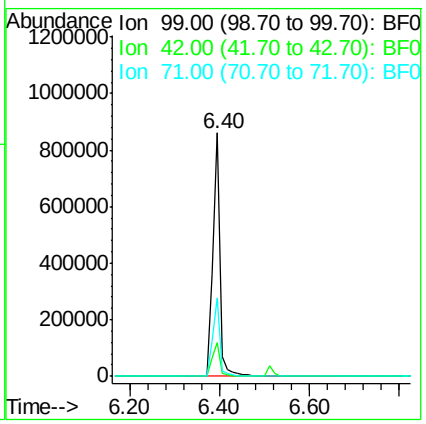


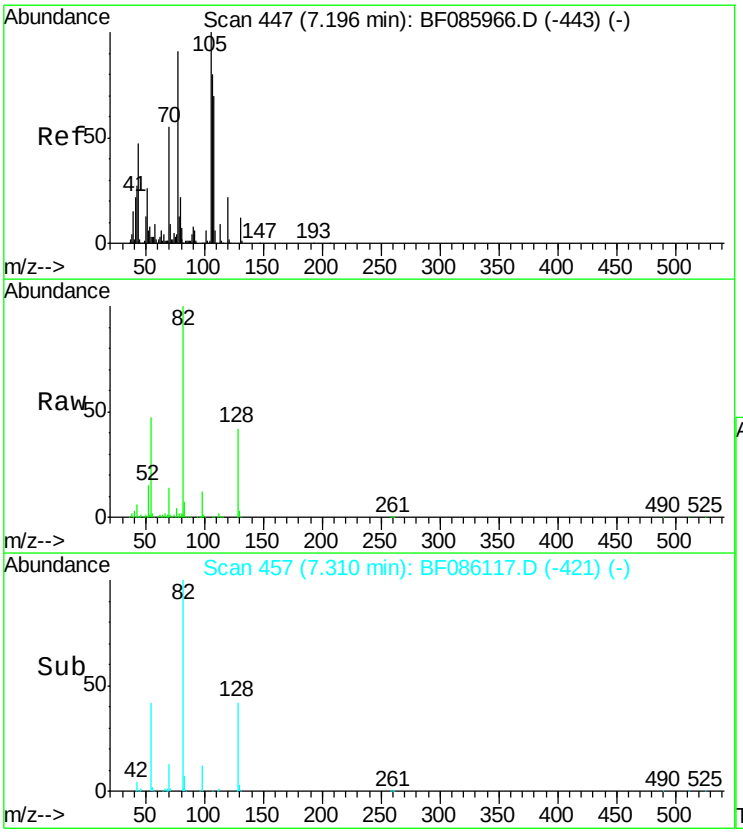
#7
Phenol-d6
Concen: 40.94 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion: 99 Resp: 939481

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.1	16.7
71	32.1	24.9	37.3

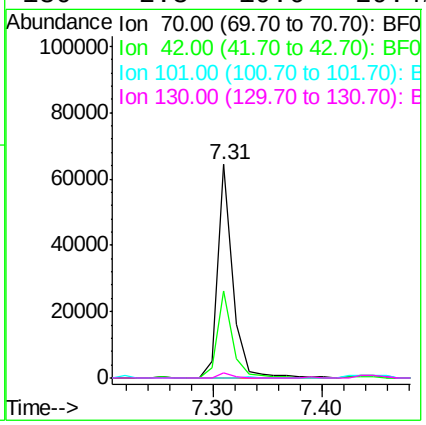


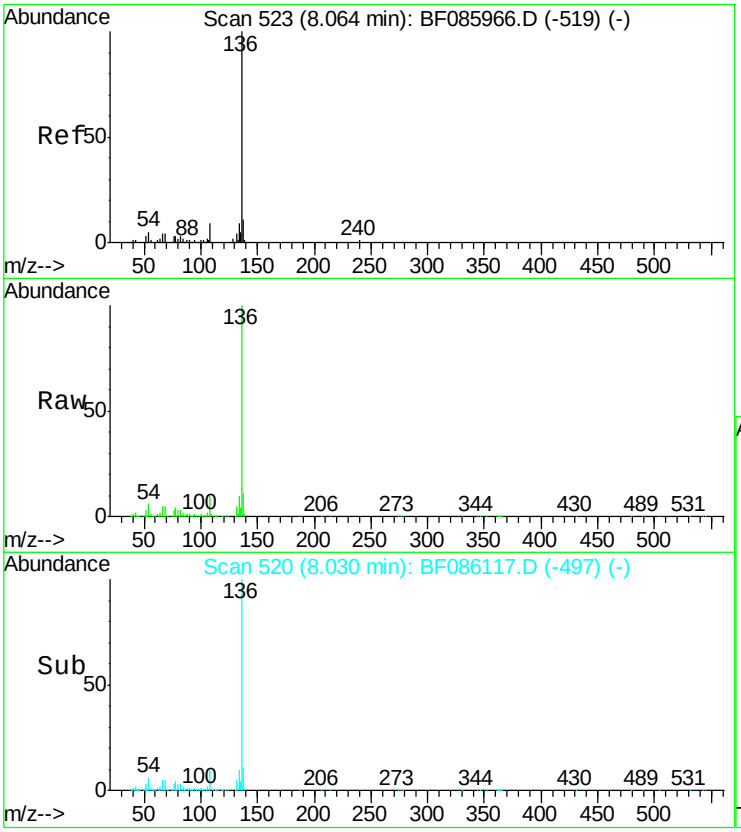


#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion: 70 Resp: 62507

Ion	Ratio	Lower	Upper
70	100		
42	41.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



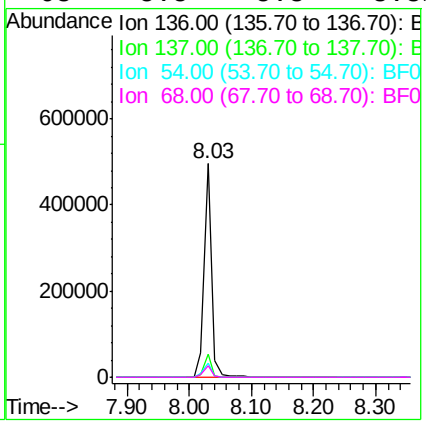


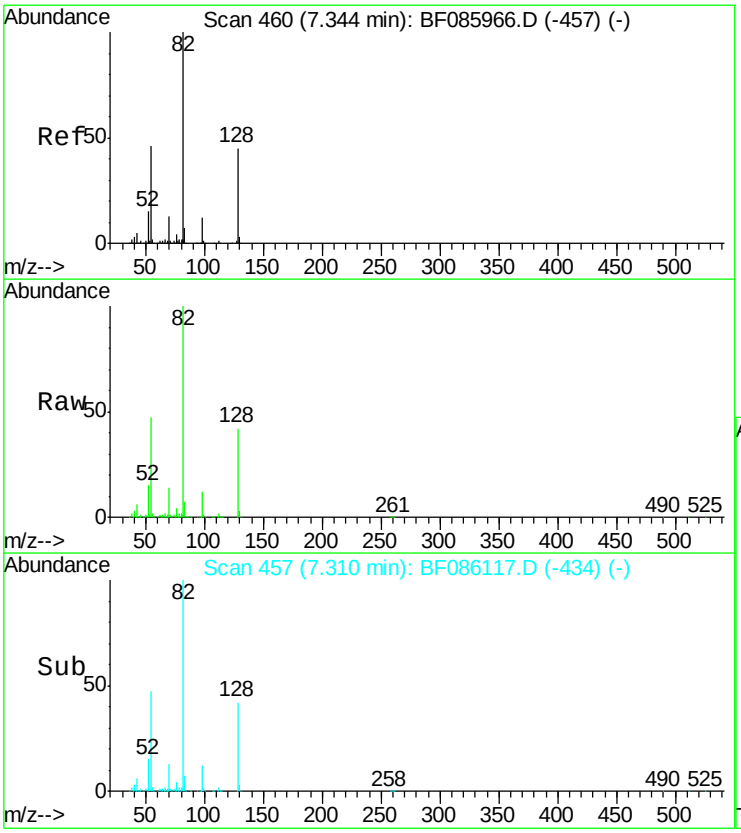
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:136 Resp: 420236

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	7.4	11.0#
68	5.5	5.8	8.8#

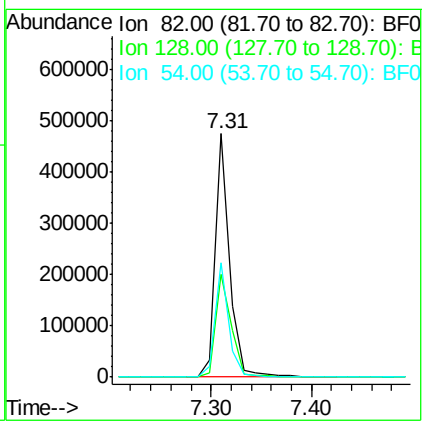


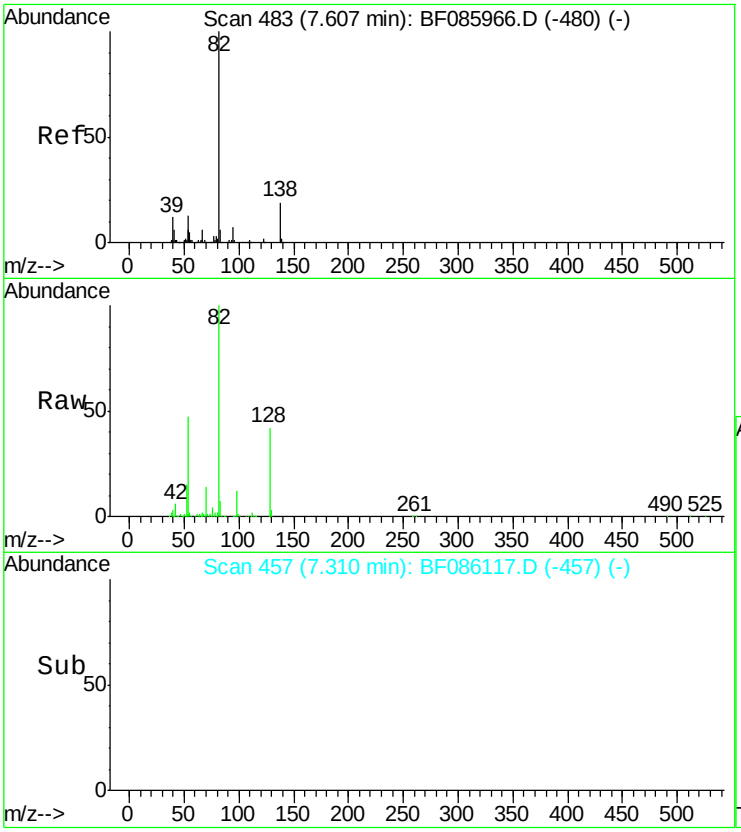


#23
Nitrobenzene-d5
Concen: 65.78 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion: 82 Resp: 468728

Ion	Ratio	Lower	Upper
82	100		
128	42.2	41.8	62.8
54	47.0	33.4	50.0



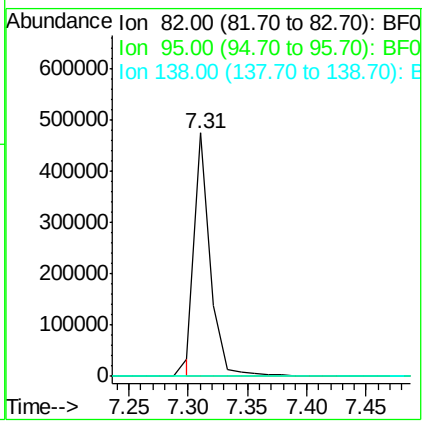


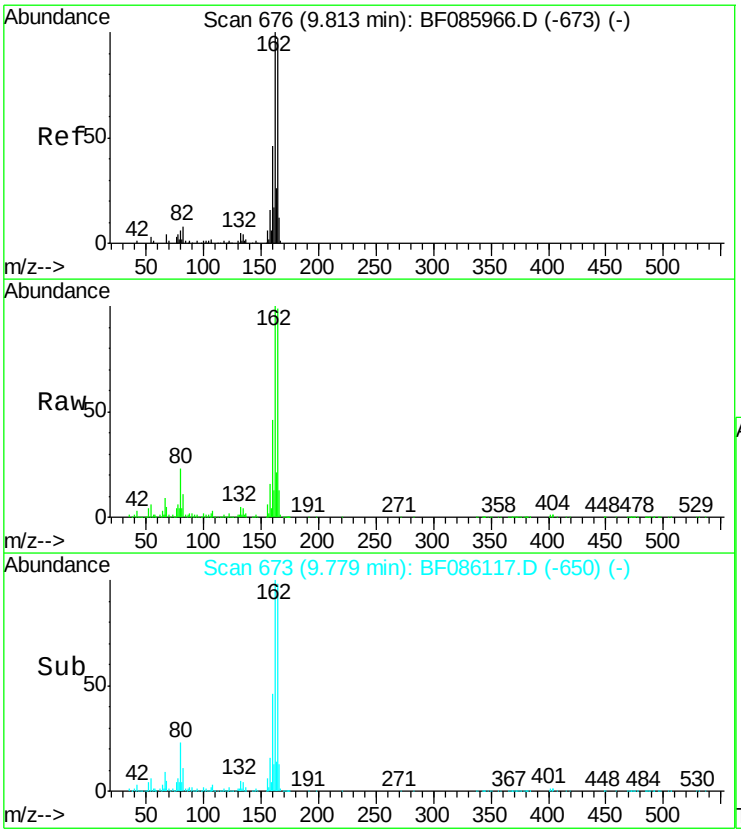
#25
Isophorone
Concen: 31.16 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion: 82 Resp: 438270

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

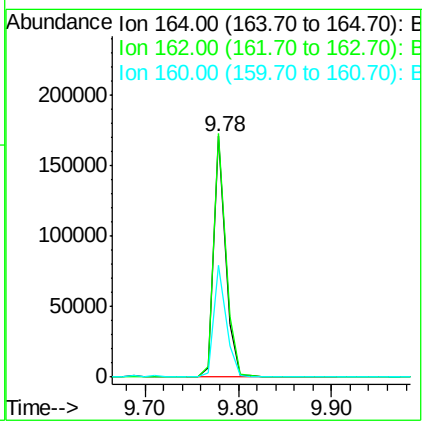


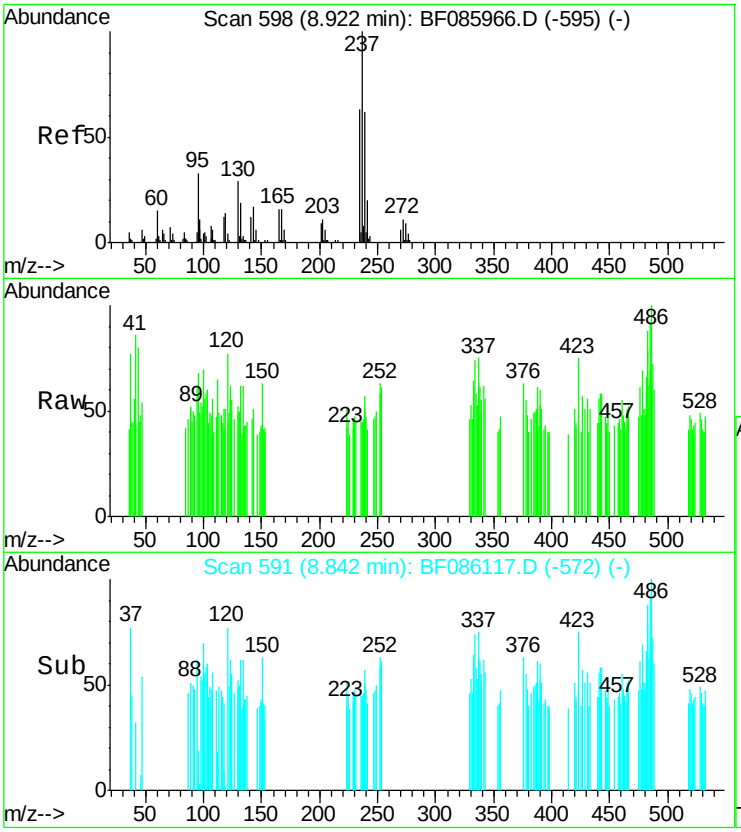


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:164 Resp: 150510

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.1	123.1
160	46.4	37.4	56.2



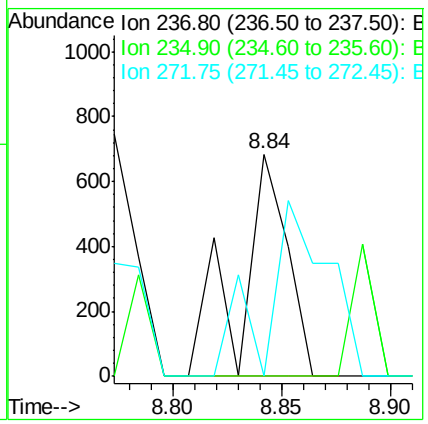


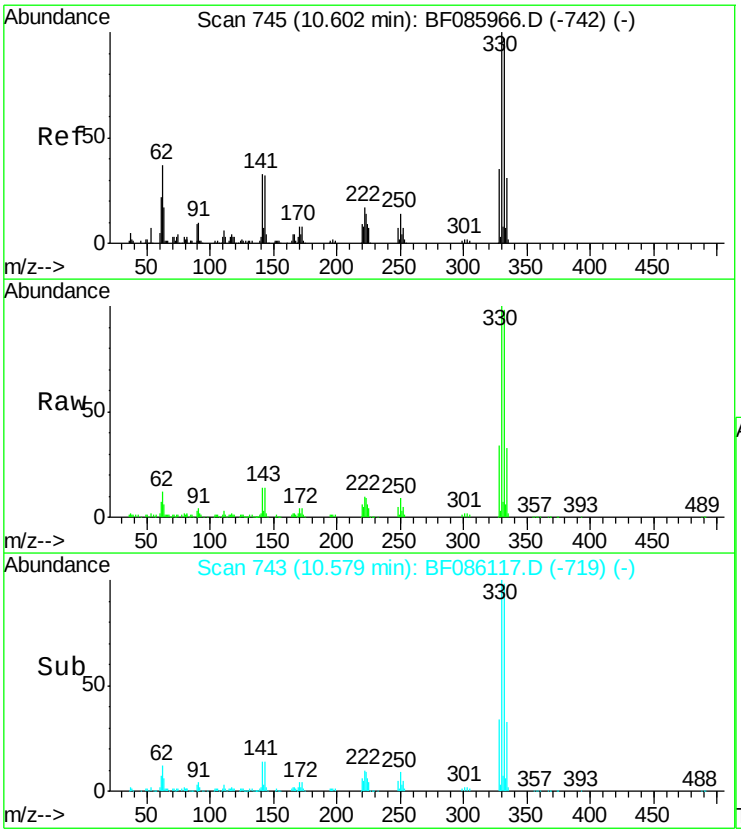
#40
Hexachlorocyclopentadiene
Concen: 6.24 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.08 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:237 Resp: 1034

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.7	83.7#
272	0.0	0.0	31.9

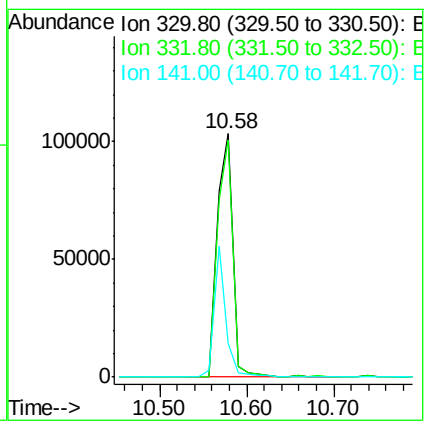


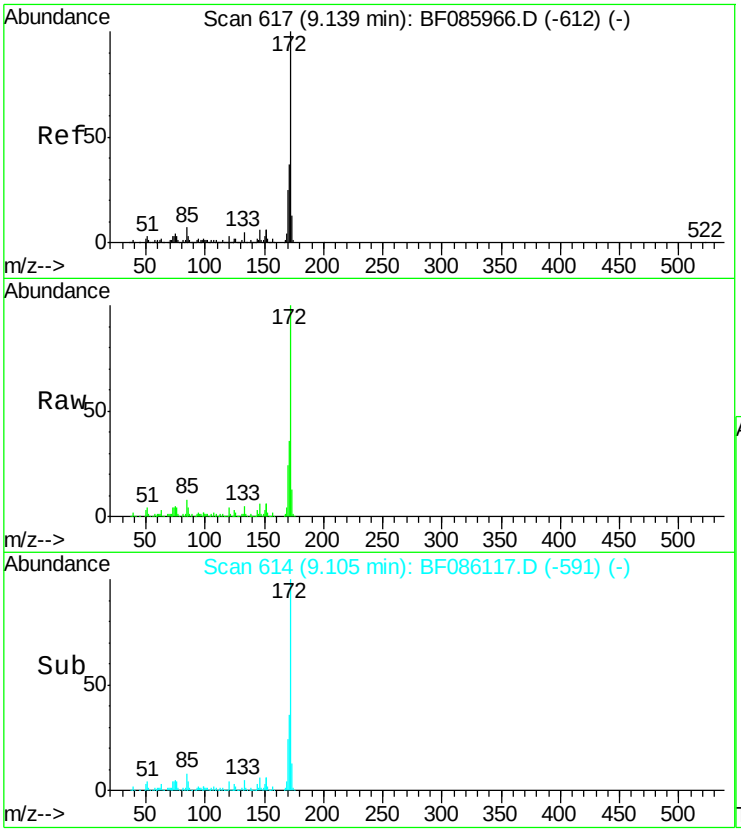


#41
2,4,6-Tribromophenol
Concen: 93.62 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:330 Resp: 132257

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	40.2	31.5	47.3



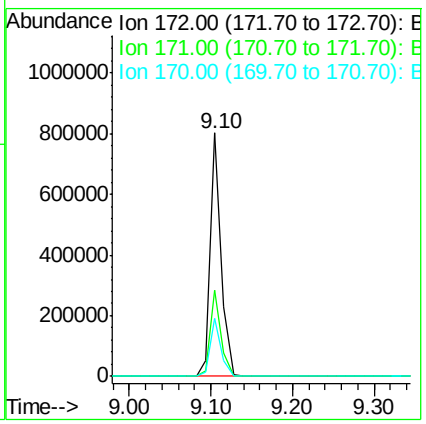


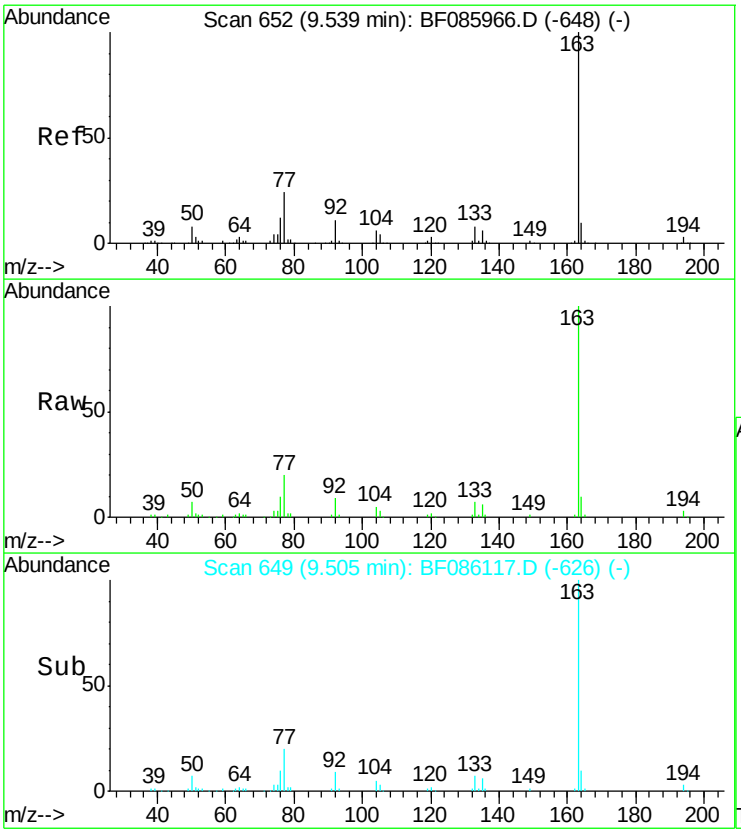
#44
2-Fluorobiphenyl
Concen: 83.30 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:172 Resp: 754064

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.2
170	24.0	19.8	29.6

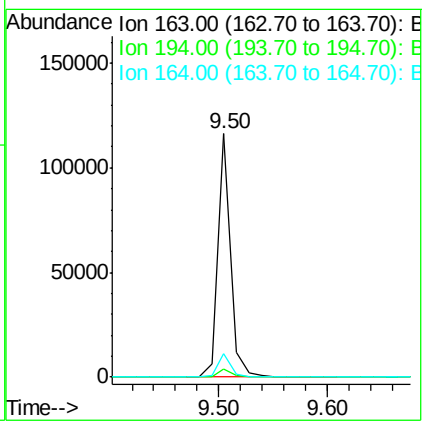


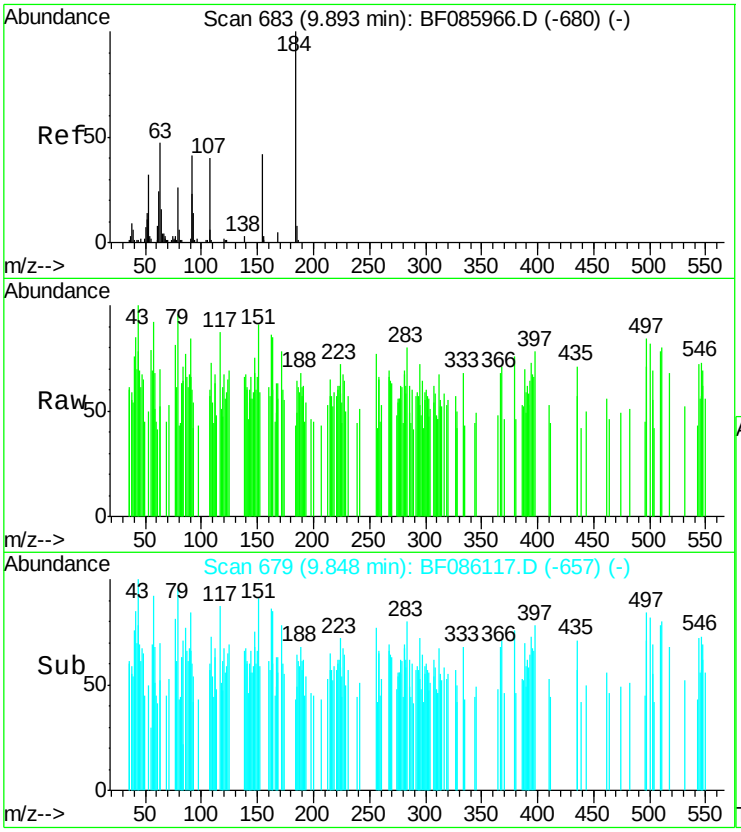


#49
Dimethylphthalate
Concen: 8.50 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:163 Resp: 94771

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.8	8.3	12.5



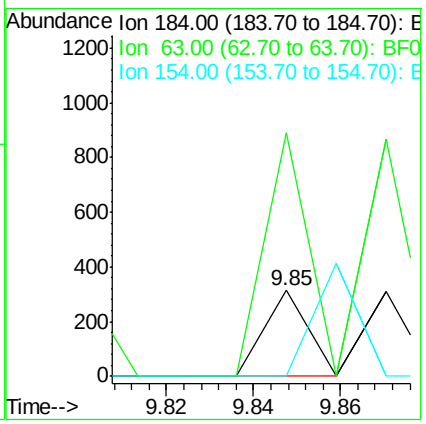


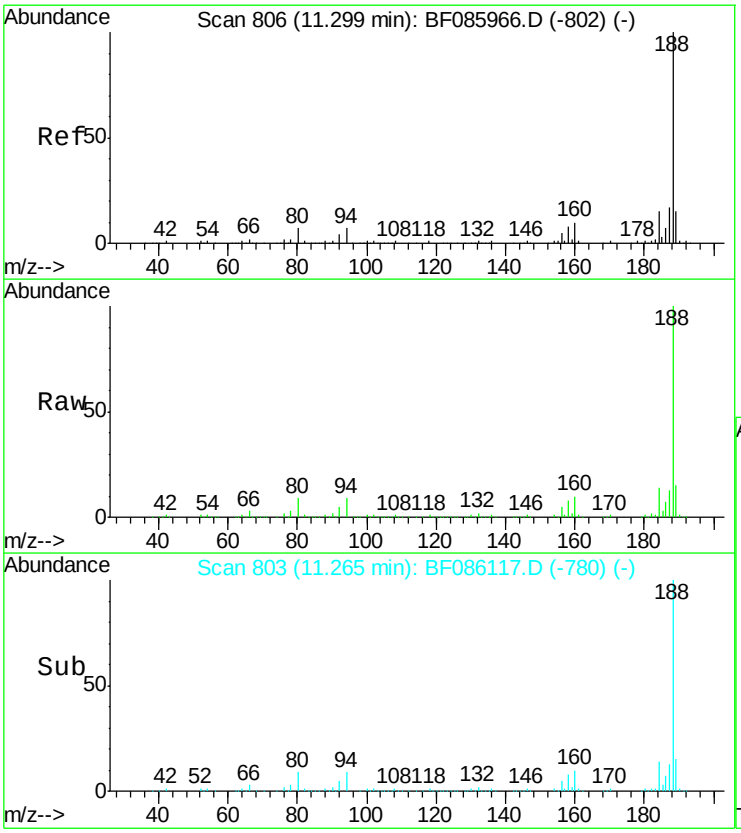
#53
2,4-Dinitrophenol
Concen: 2.18 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:184 Resp: 215

Ion	Ratio	Lower	Upper
184	100		
63	133.2	69.5	104.3#
154	0.0	58.3	87.5#

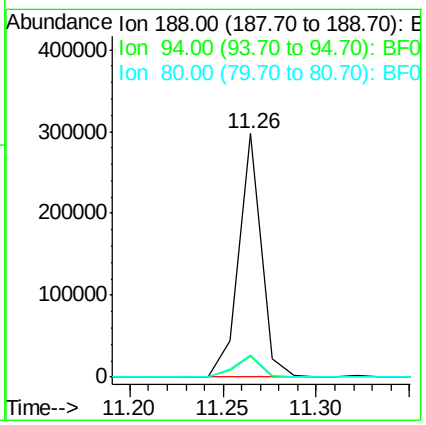


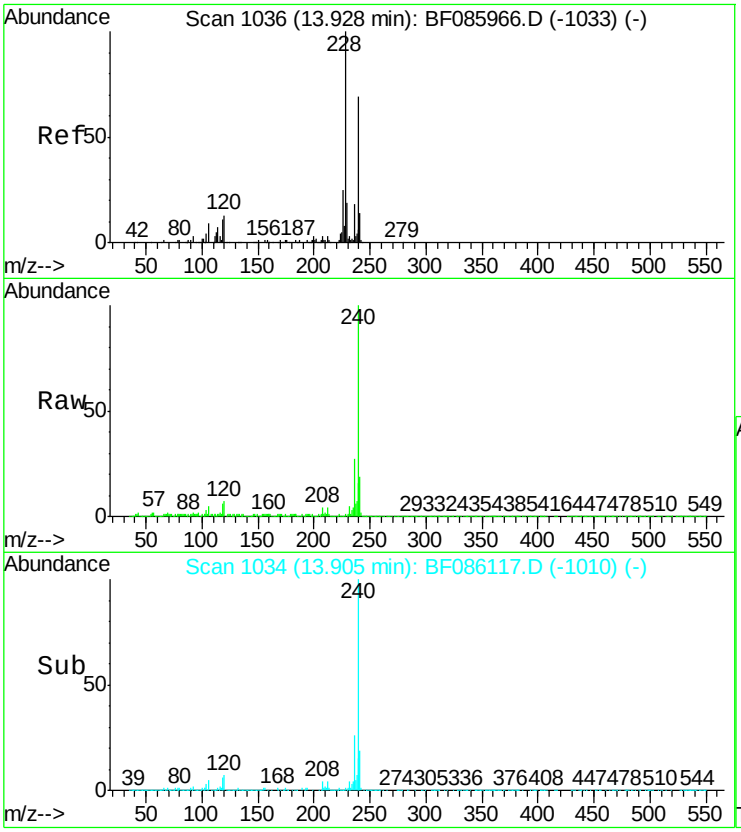


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:188 Resp: 252497

Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.4	8.0#
80	9.0	5.5	8.3#



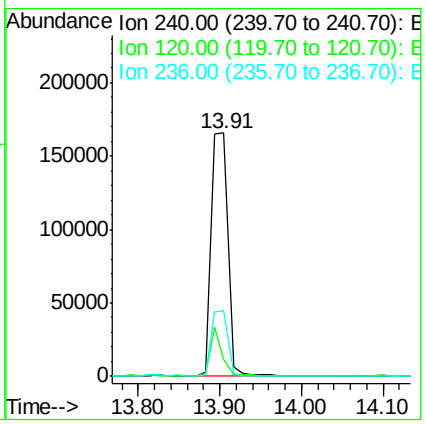


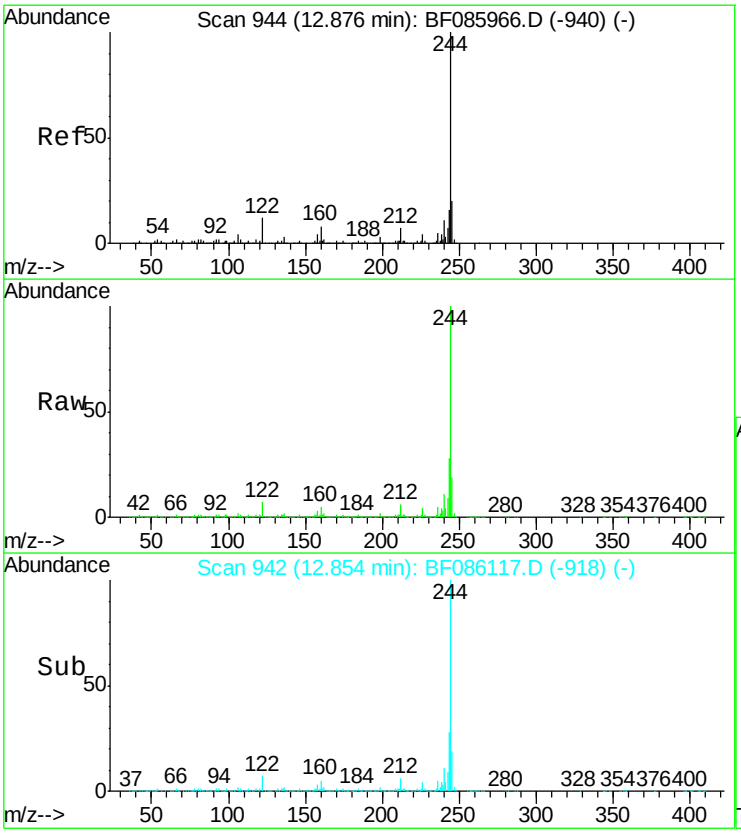
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:240 Resp: 238225

Ion	Ratio	Lower	Upper
240	100		
120	7.0	13.8	20.8#
236	26.8	20.6	30.8

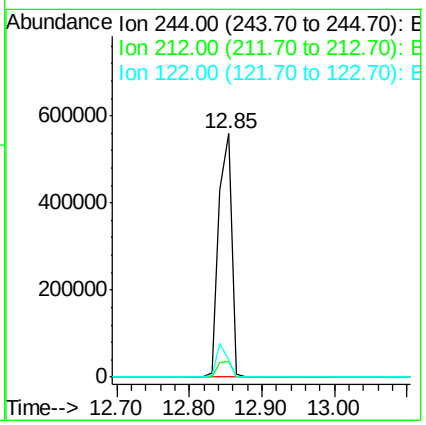


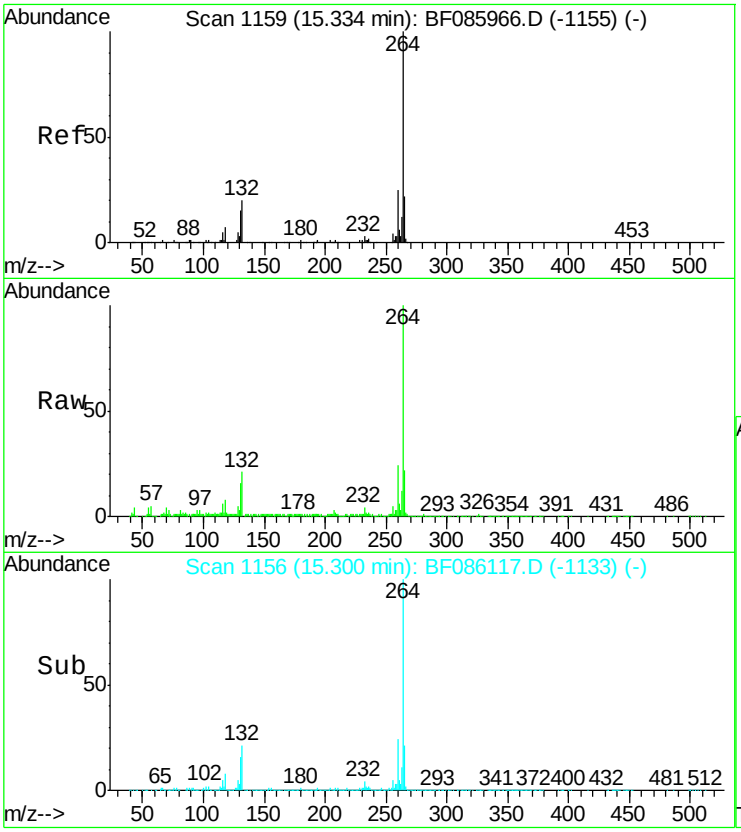


#78
Terphenyl-d14
Concen: 68.49 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Tgt Ion:244 Resp: 694112

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.1	9.1
122	6.8	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086117.D
Acq: 7 Apr 2016 00:21

Instrument :
BNA_F
ClientSampleId :
TILCON-MH-SF-002

Tgt Ion:264 Resp: 172182

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.2	25.8