Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086127.D
Acq On : 7 Apr 2016 12:52
Operator : UM/SJ
Sample : H2155-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEN-IDW-040116-WATER

Quant Time: Apr 08 01:38:06 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	6.74	152	118160	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	475470	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	98040	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	312228	20.00	ng		-0.05
75) Chrysene-d12	13.89	240	113894	20.00	ng		-0.03
86) Perylene-d12	15.30	264	4412	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	864596	125.07	ng		-0.03
7) Phenol-d6	6.38	99	704295	80.21	ng		-0.03
23) Nitrobenzene-d5	7.31	82	795545	98.67	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	298231	324.10	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	1332959	226.06	ng		-0.03
78) Terphenyl-d14	12.84	244	924445	190.80	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	81500	24.87	ng		98
4) n-Nitrosodimethylamine	3.16	42	12068	3.74	ng	#	1
9) Benzaldehyde	6.51	77	21288	4.51	ng		88
19) n-Nitroso-di-n-propylamine	7.31	70	106981	19.66	ng	#	77
25) Isophorone	7.31	82	773910	48.63	ng	#	68
50) 2,6-Dinitrotoluene	9.77	165	12516	8.14	ng	#	22
56) 2,4-Dinitrotoluene	9.77	165	12516	6.44	ng	#	40
66) 4-Bromophenyl-phenylether	10.57	248	20406	6.40	ng	#	1
89) Benzo(a)pyrene	15.31	252	1042	4.24	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086127.D
Acq On : 7 Apr 2016 12:52
Operator : UM/SJ
Sample : H2155-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Quant Time: Apr 08 01:38:06 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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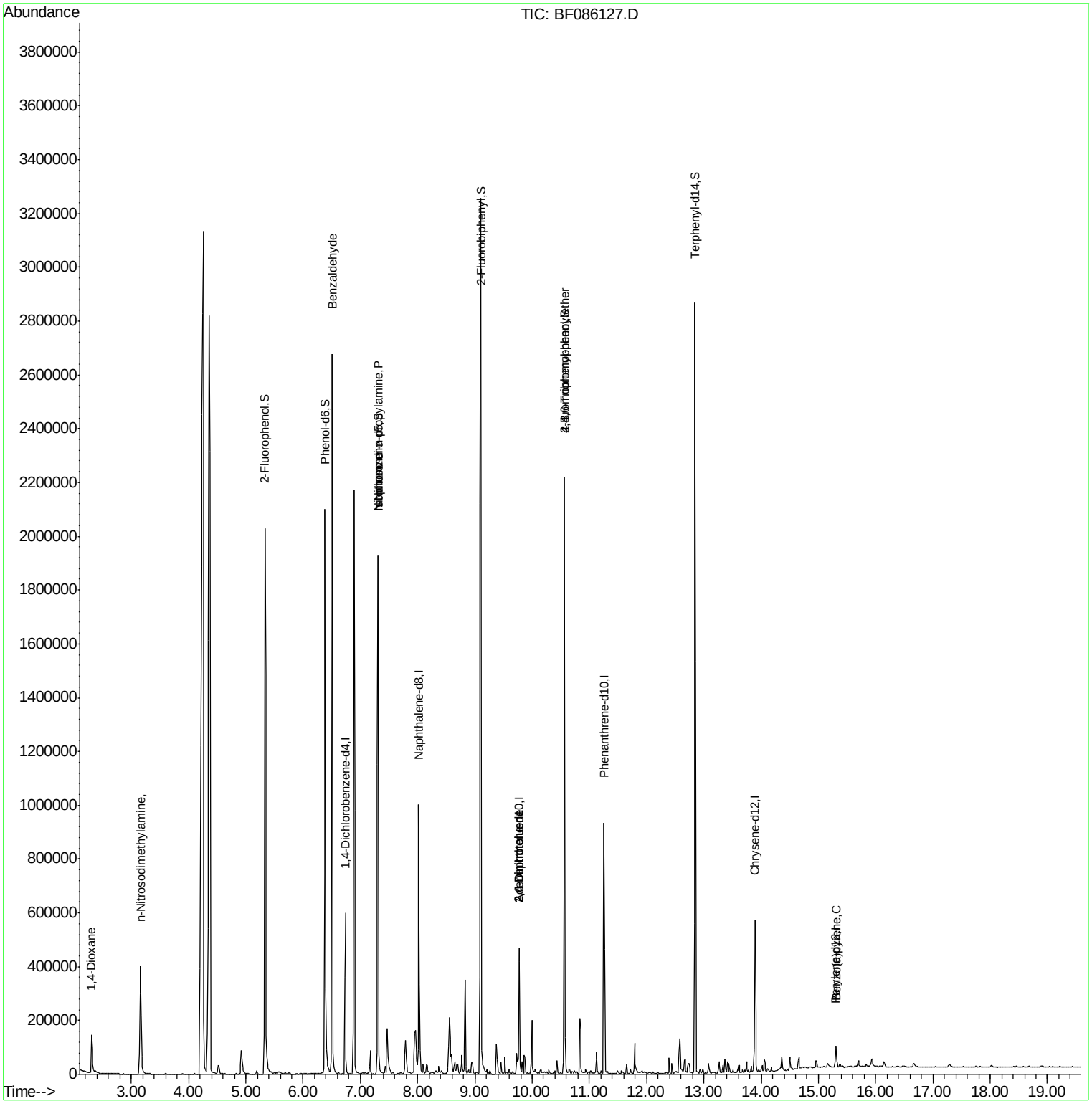
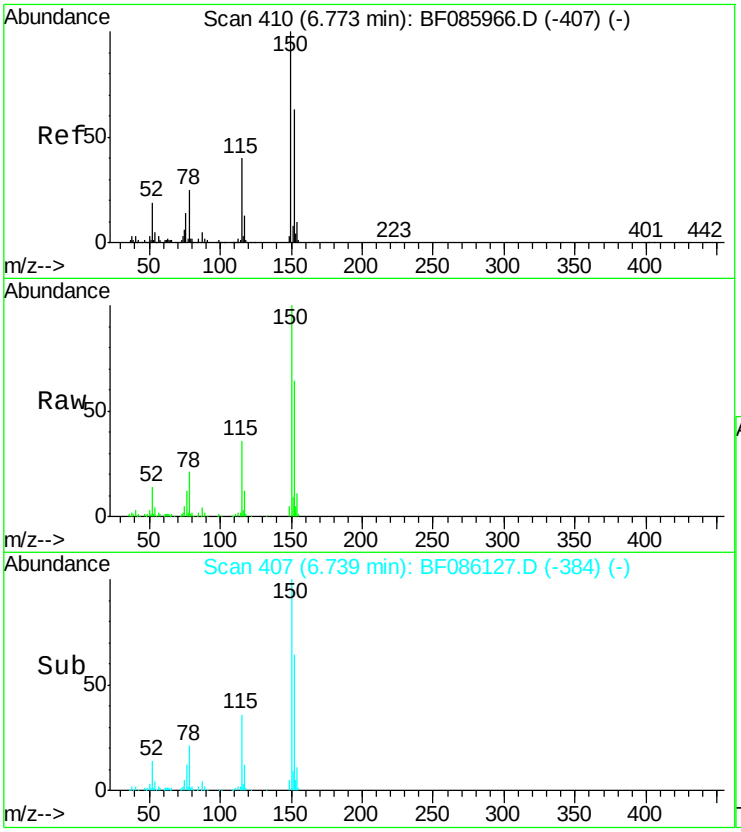


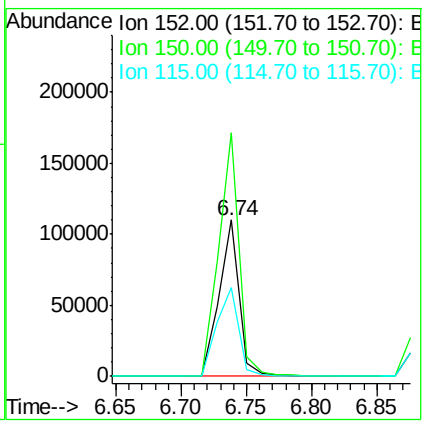


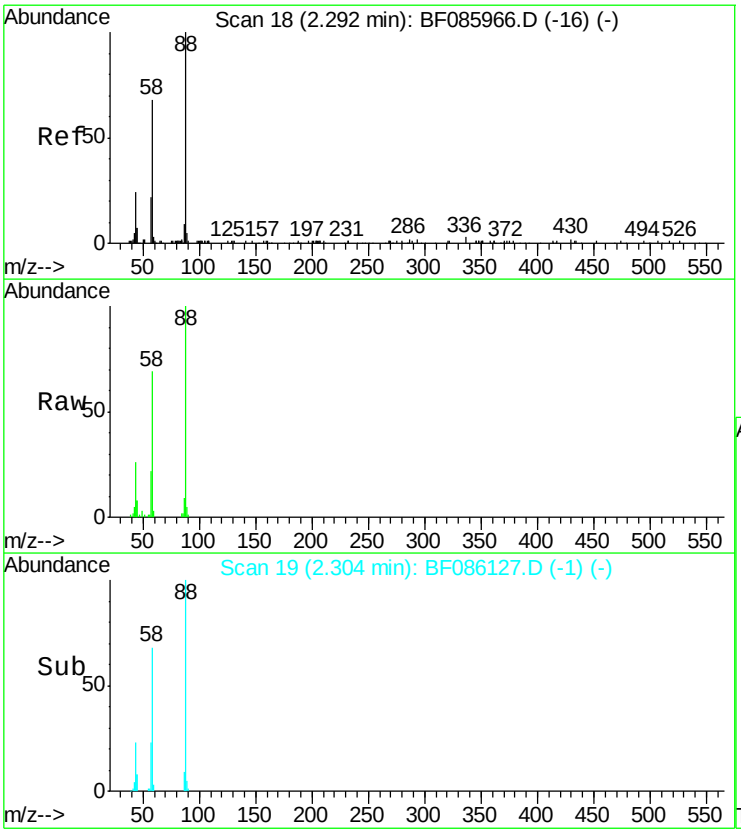
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:152 Resp: 118160

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	56.9	47.0	70.6

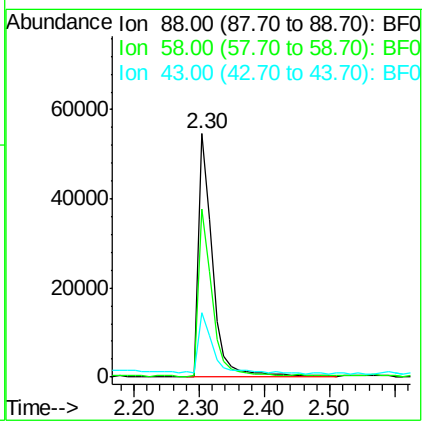


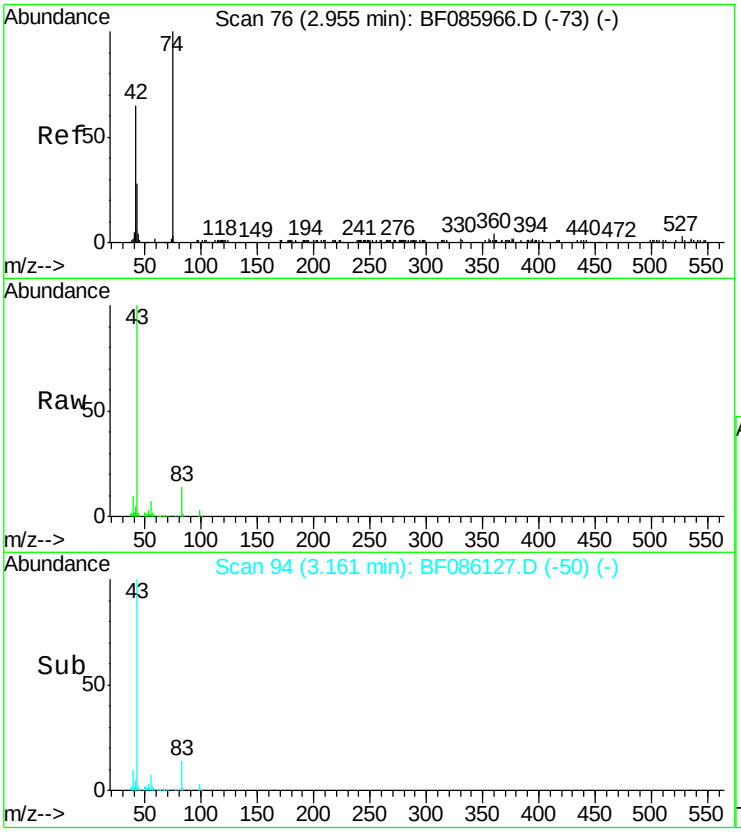


#2
1,4-Dioxane
Concen: 24.87 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion: 88 Resp: 81500

Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.2	81.2
43	27.2	19.3	28.9



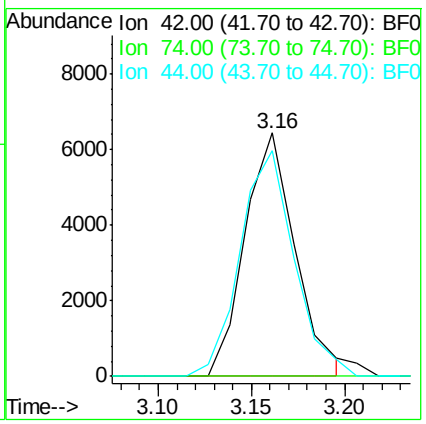


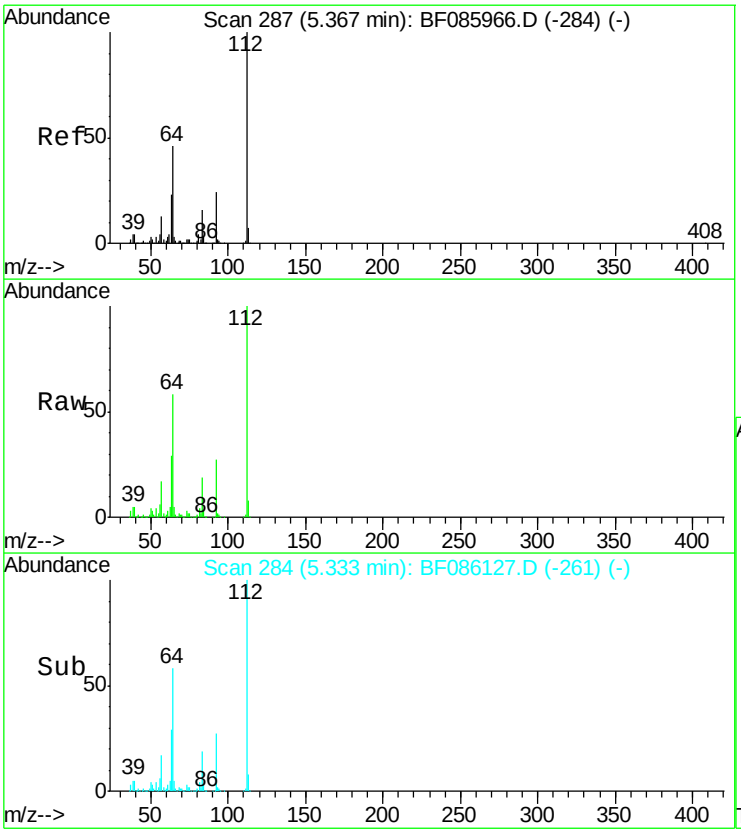
#4
n-Nitrosodimethylamine
Concen: 3.74 ng
RT: 3.16 min Scan# 94
Delta R.T. 0.21 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion: 42 Resp: 12068

Ion	Ratio	Lower	Upper
42	100		
74	0.0	121.4	182.2#
44	92.6	5.6	8.4#

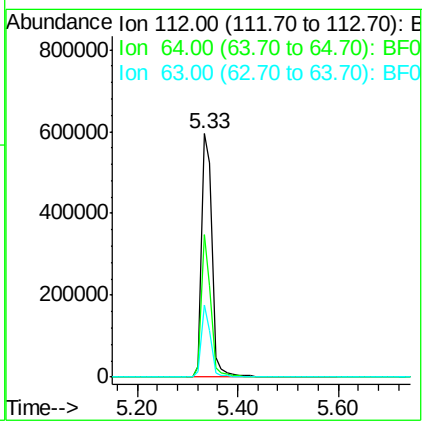


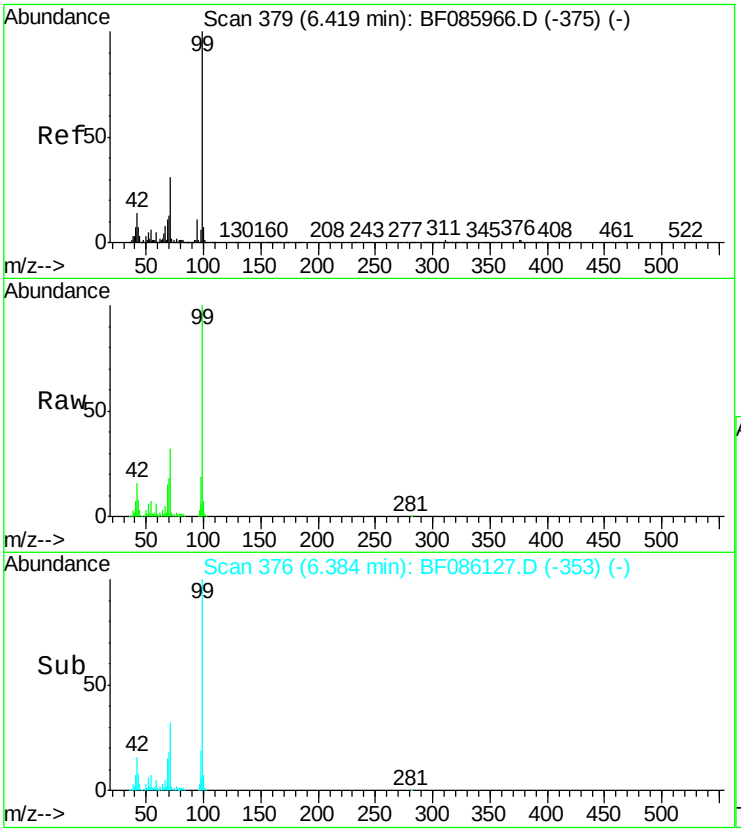


#5
2-Fluorophenol
Concen: 125.07 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:112 Resp: 864596

Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.4	20.2	30.2



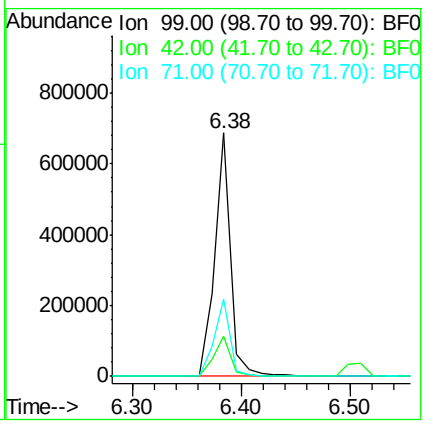


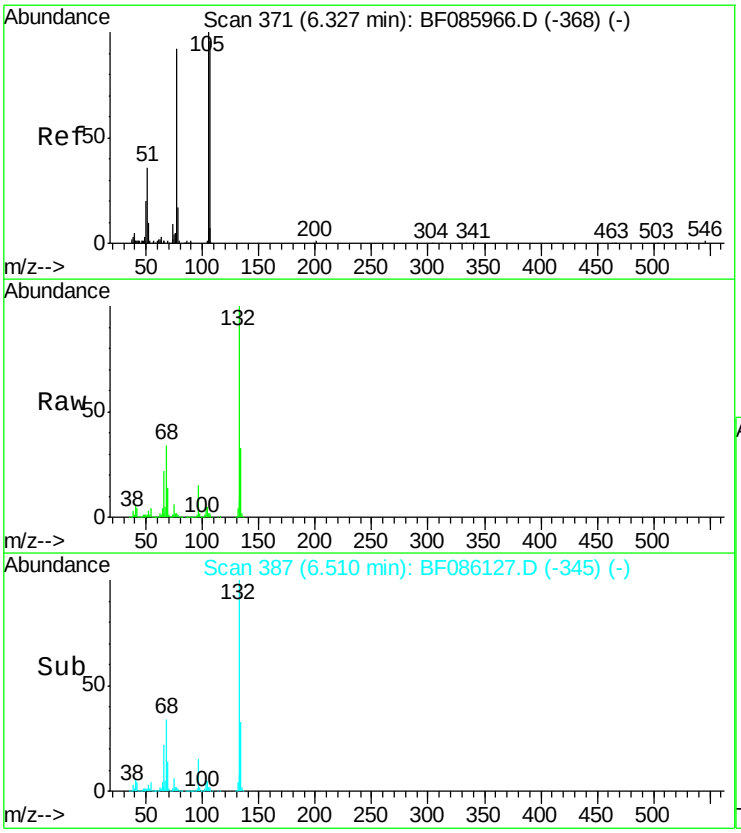
#7
Phenol-d6
Concen: 80.21 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion: 99 Resp: 704295

Ion	Ratio	Lower	Upper
99	100		
42	16.4	11.1	16.7
71	31.7	24.9	37.3

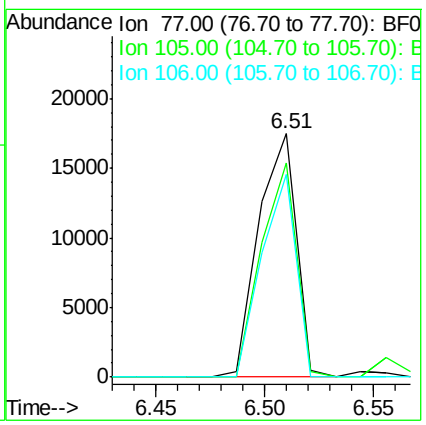


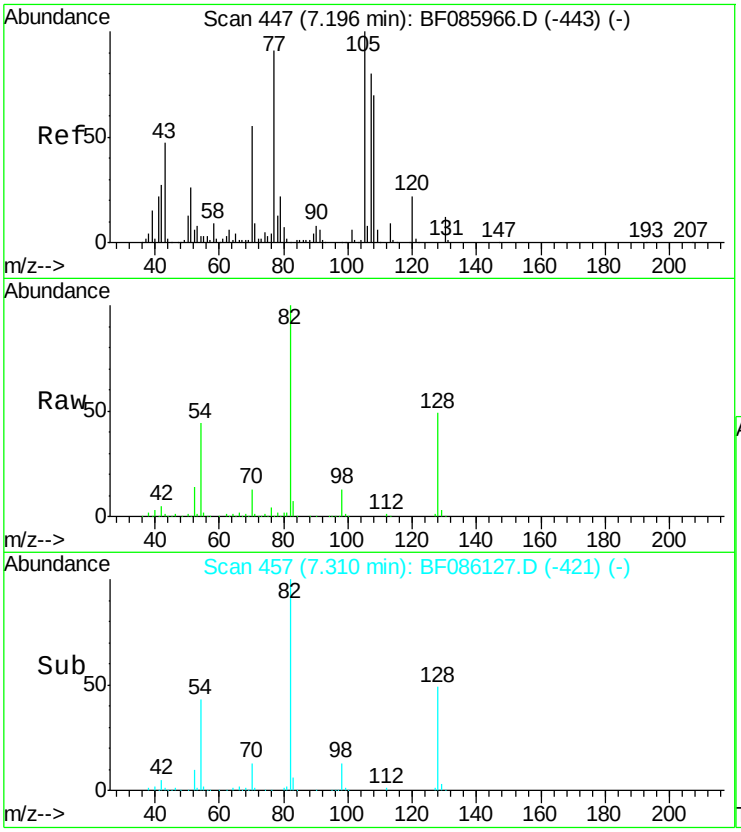


#9
Benzaldehyde
Concen: 4.51 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.18 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion: 77 Resp: 21288

Ion	Ratio	Lower	Upper
77	100		
105	88.2	80.1	120.1
106	83.4	75.0	115.0



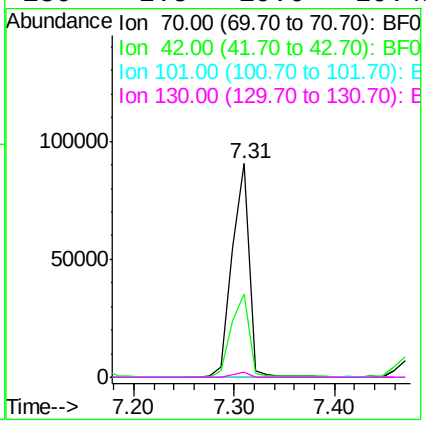


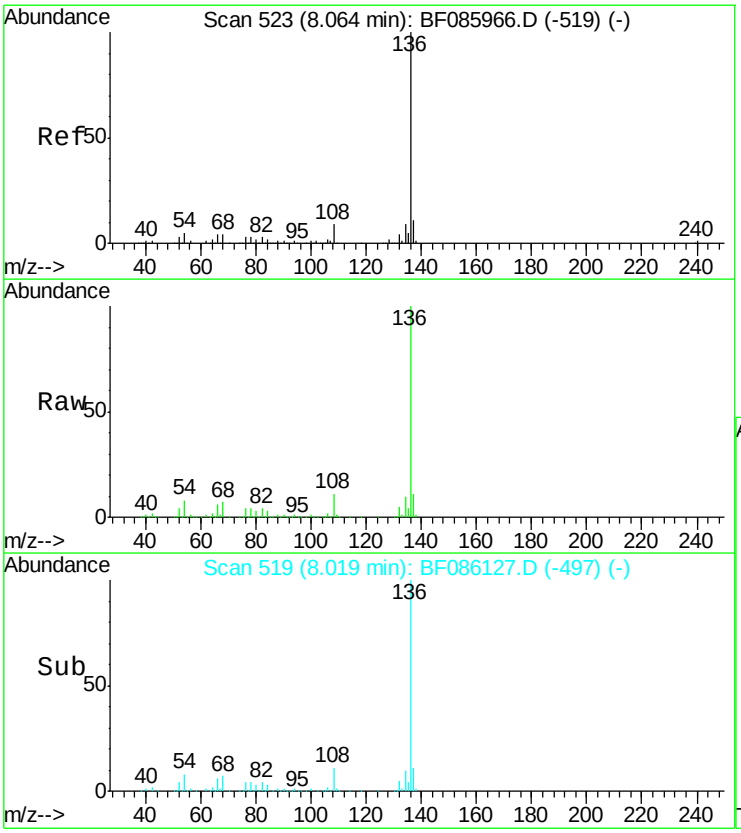
#19
n-Nitroso-di-n-propylamine
Concen: 19.66 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion: 70 Resp: 106981

Ion	Ratio	Lower	Upper
70	100		
42	39.1	37.1	55.7
101	0.0	8.6	12.8#
130	2.5	19.6	29.4#

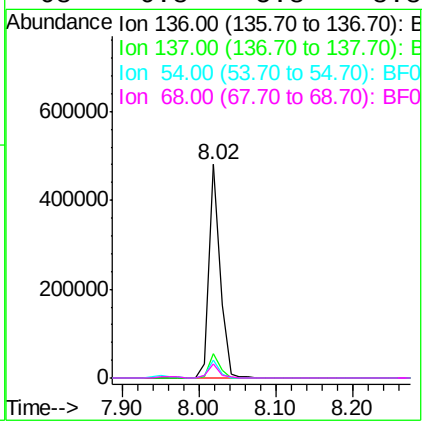


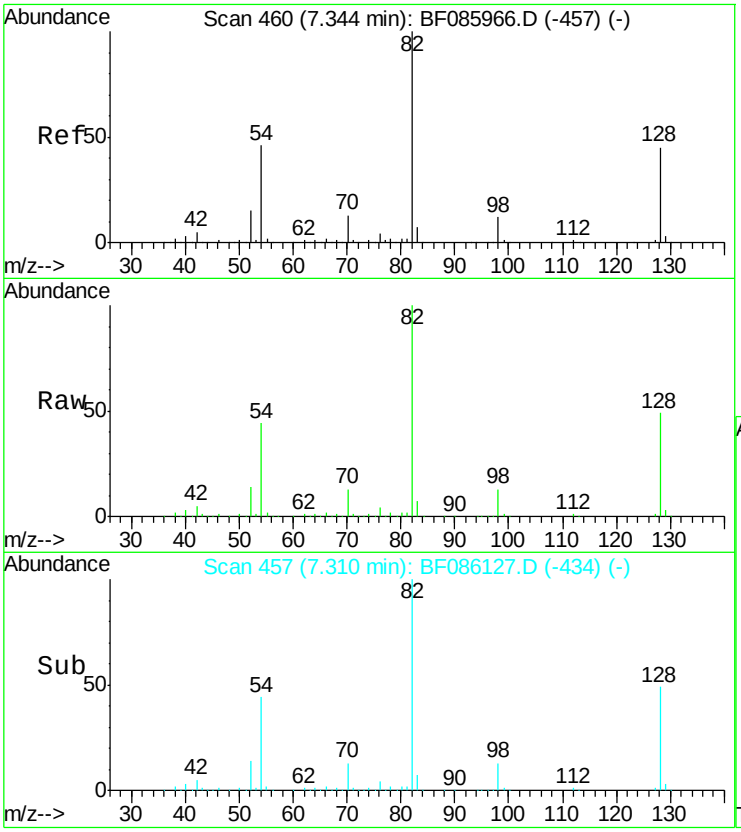


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:136 Resp: 475470

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	7.4	11.0
68	6.8	5.8	8.8



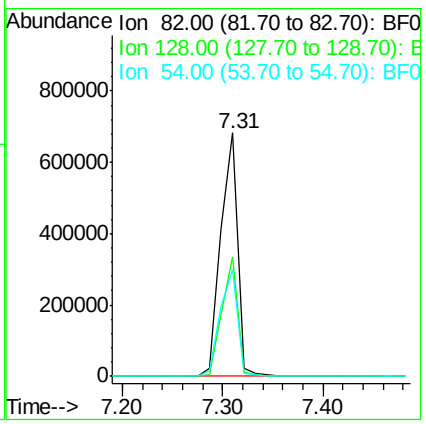


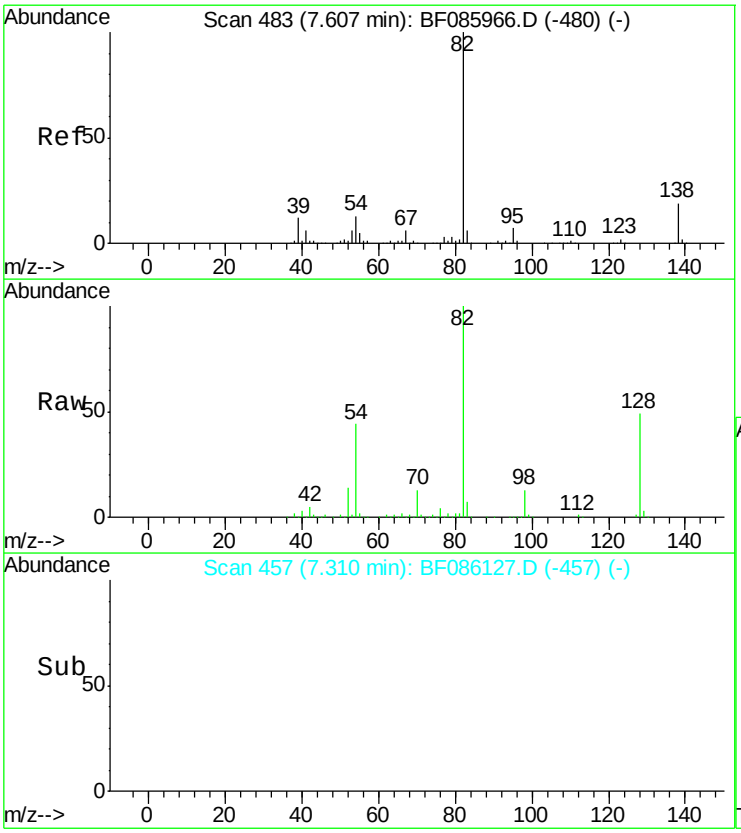
#23
Nitrobenzene-d5
Concen: 98.67 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion: 82 Resp: 795545

Ion	Ratio	Lower	Upper
82	100		
128	49.1	41.8	62.8
54	43.7	33.4	50.0

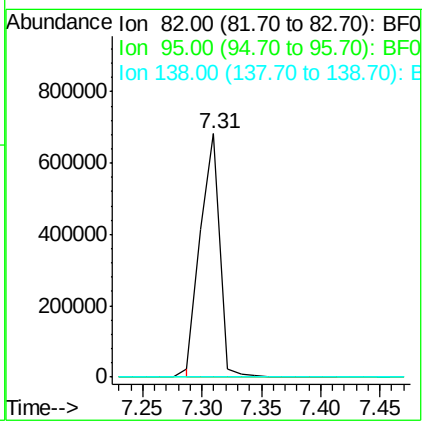


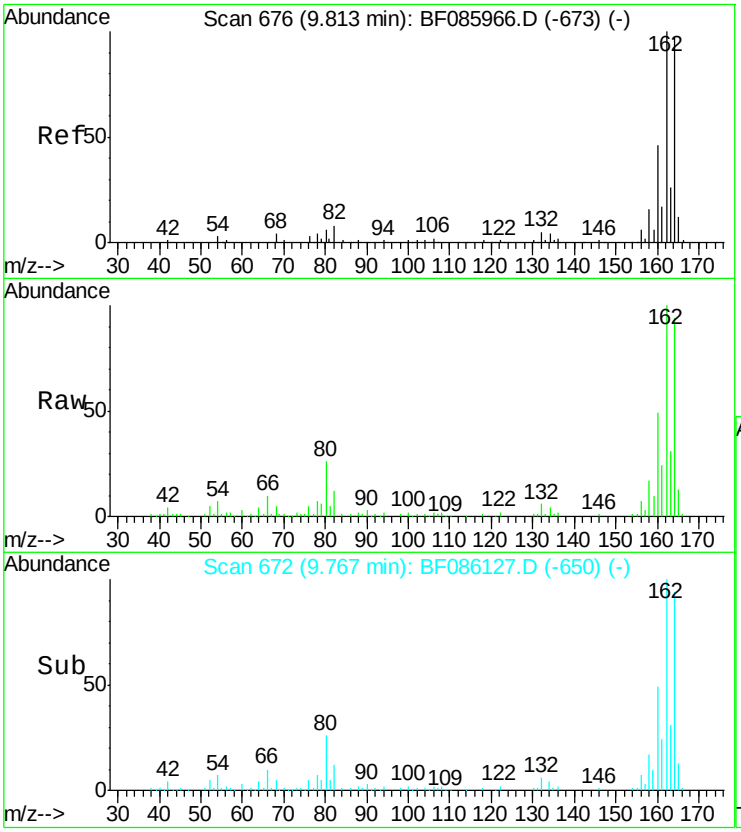


#25
Isophorone
Concen: 48.63 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion: 82 Resp: 773910

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	12.9	19.3#



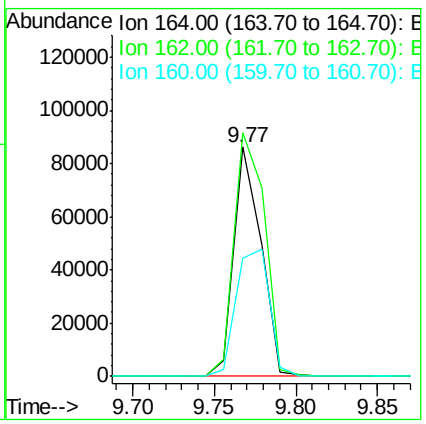


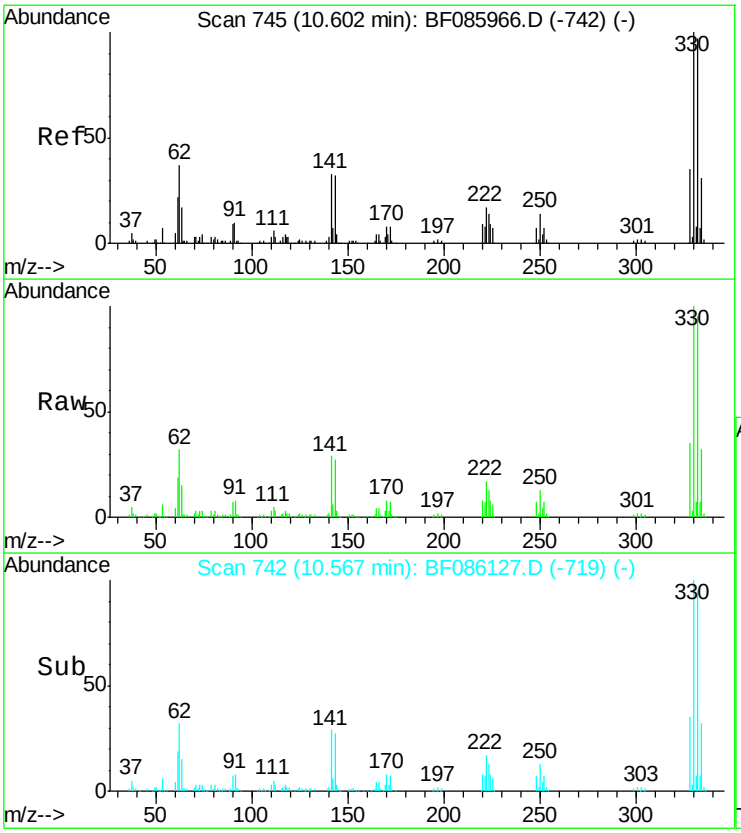
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:164 Resp: 98040

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.1	123.1
160	51.6	37.4	56.2

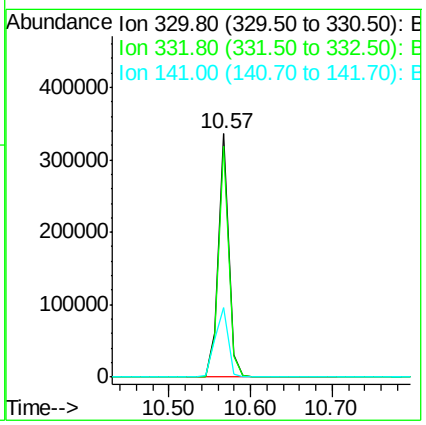


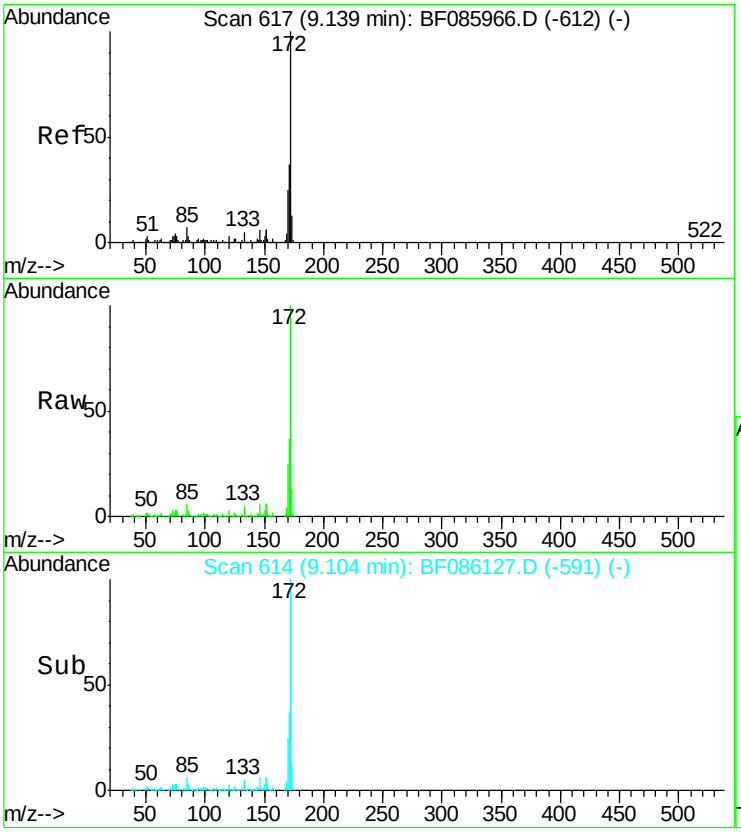


#41
2,4,6-Tribromophenol
Concen: 324.10 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:330 Resp: 298231

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.2	117.2
141	36.1	31.5	47.3



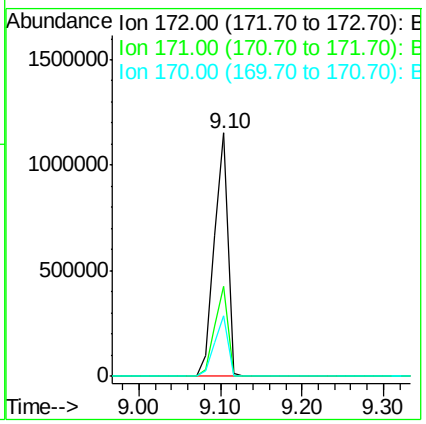


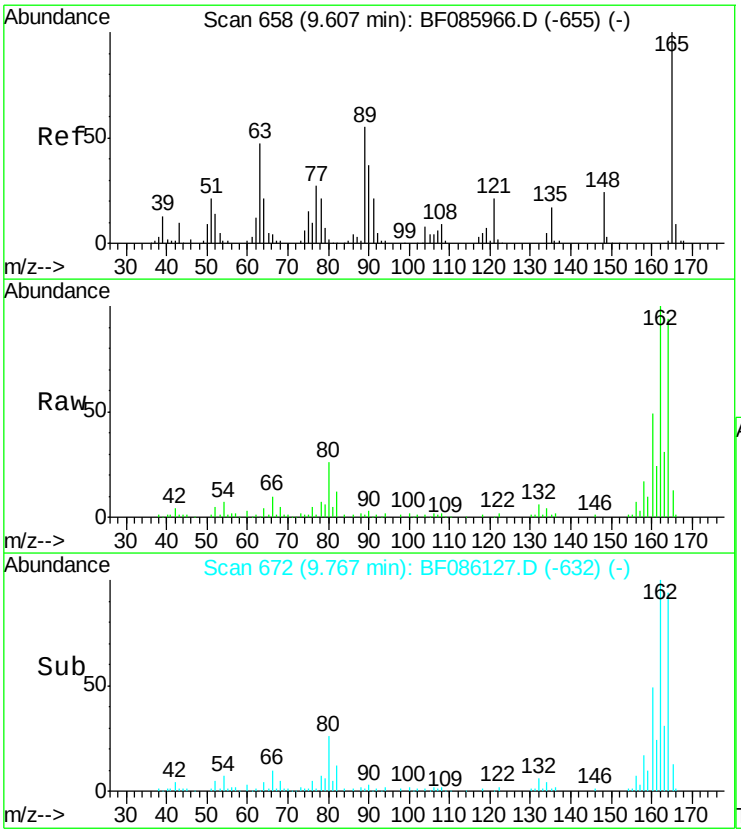
#44
2-Fluorobiphenyl
Concen: 226.06 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:172 Resp: 1332959

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	25.0	19.8	29.6

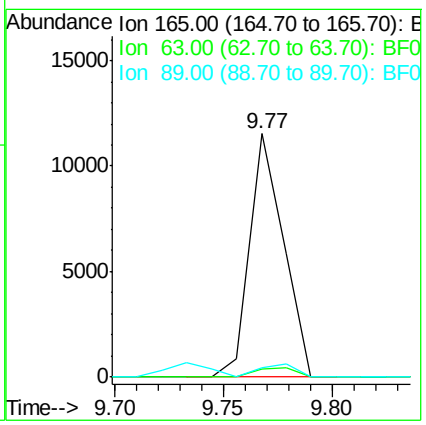


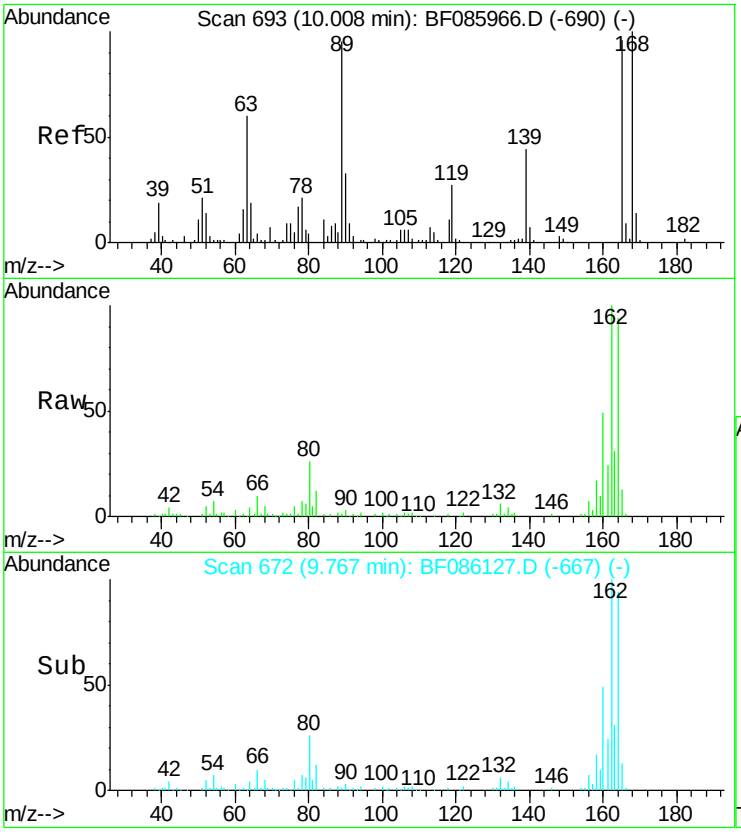


#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.16 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:165 Resp: 12516

Ion	Ratio	Lower	Upper
165	100		
63	3.1	51.8	77.8#
89	4.1	53.7	80.5#



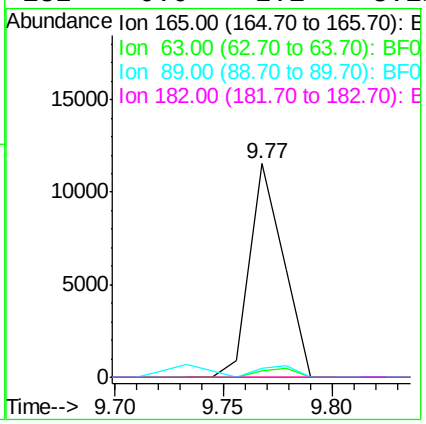


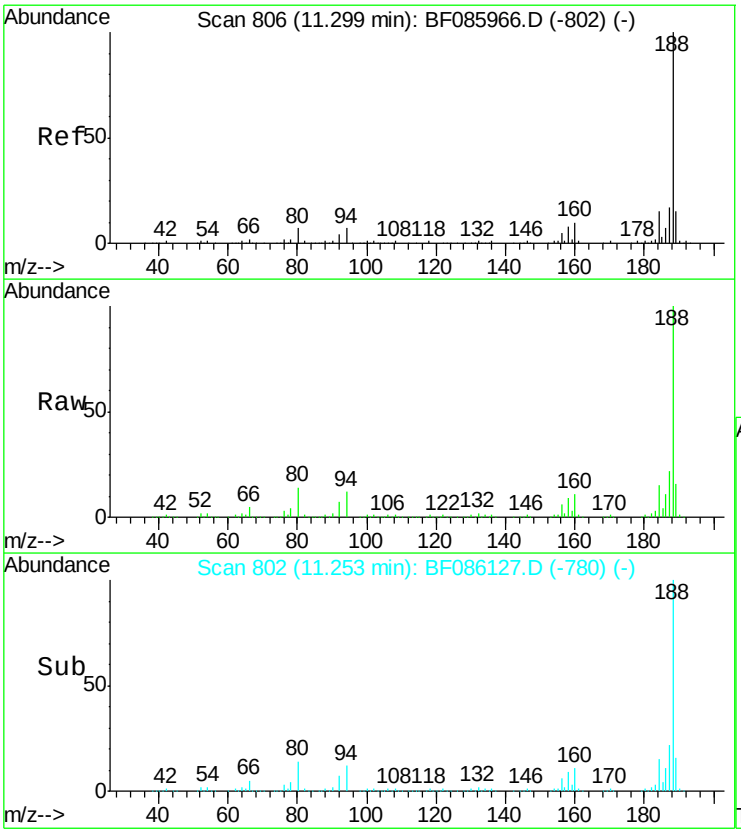
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:165 Resp: 12516

Ion	Ratio	Lower	Upper
165	100		
63	3.1	24.9	37.3#
89	4.1	41.0	61.6#
182	0.0	2.1	3.1#

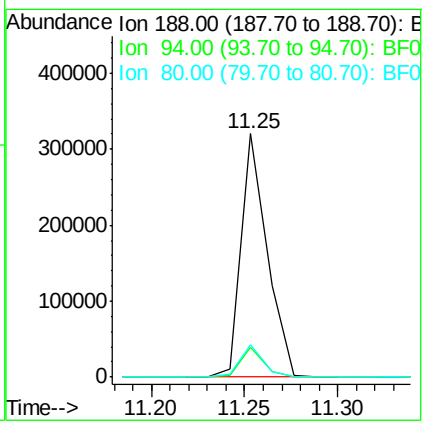


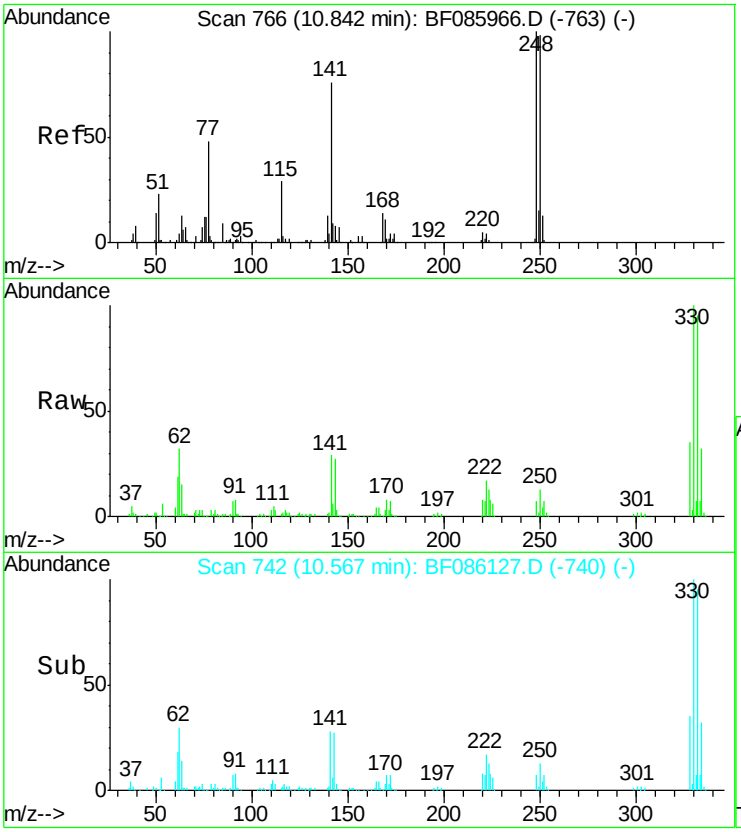


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:188 Resp: 312228

Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.4	8.0#
80	13.5	5.5	8.3#



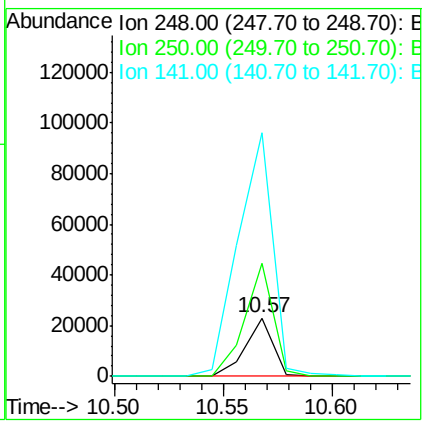


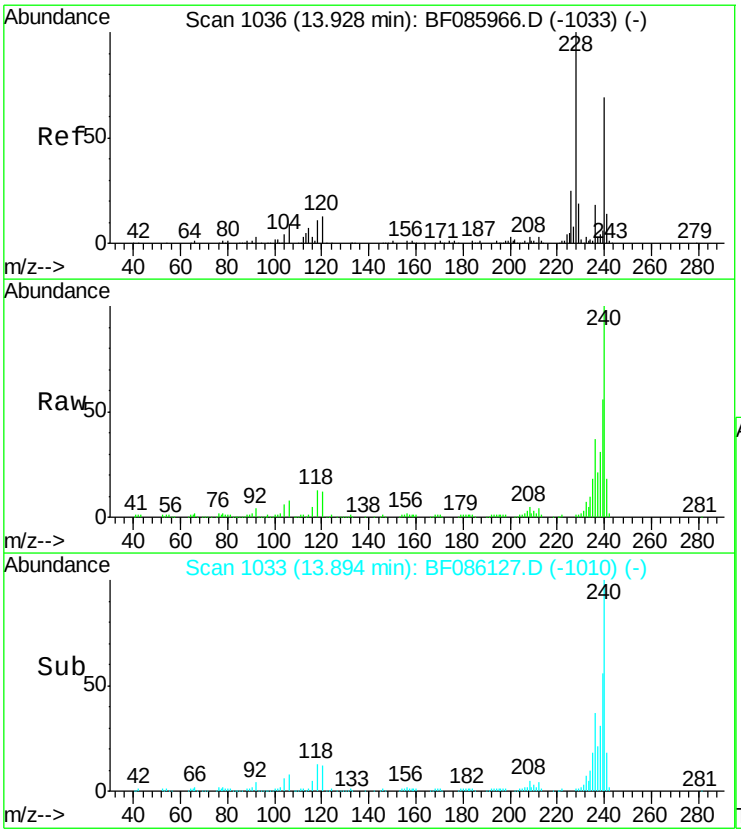
#66
4-Bromophenyl-phenylether
Concen: 6.40 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:248 Resp: 20406

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.4	116.0#
141	416.0	63.6	95.4#

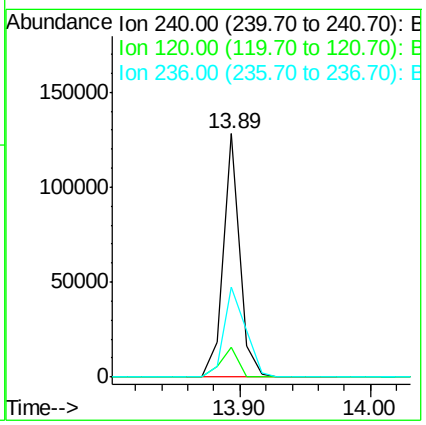


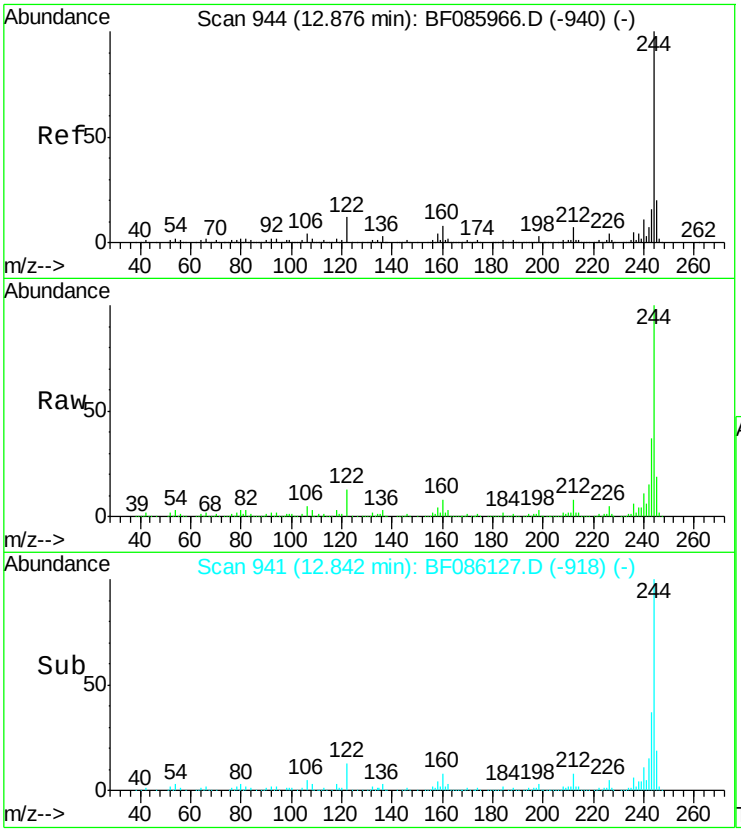


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:240 Resp: 113894

Ion	Ratio	Lower	Upper
240	100		
120	12.3	13.8	20.8#
236	36.8	20.6	30.8#



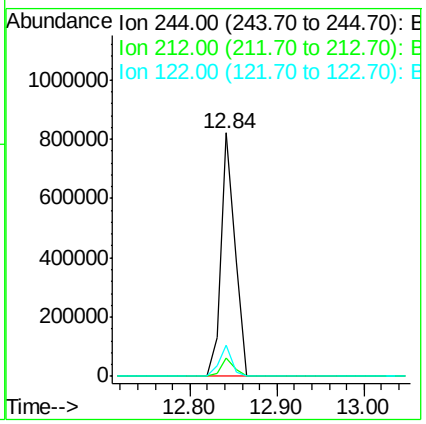


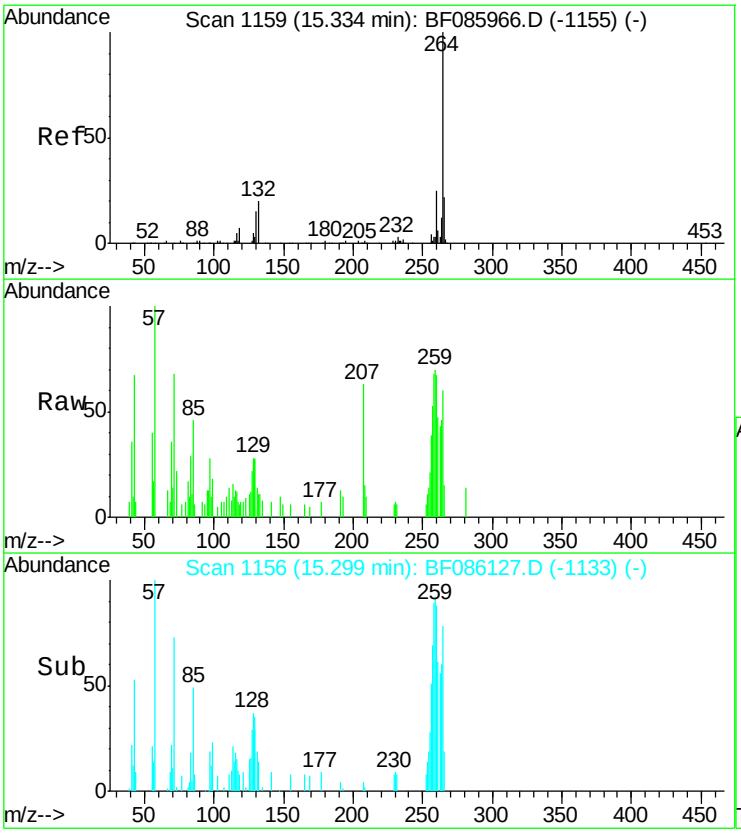
#78
Terphenyl-d14
Concen: 190.80 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:244 Resp: 924445

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.9	10.2	15.4

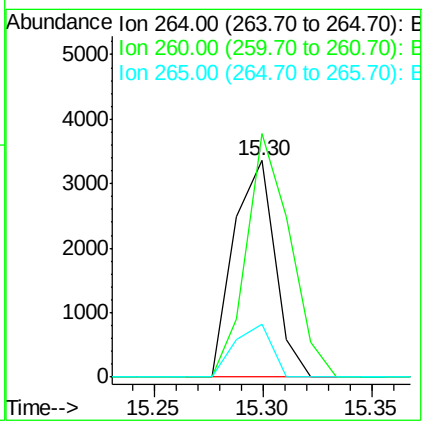


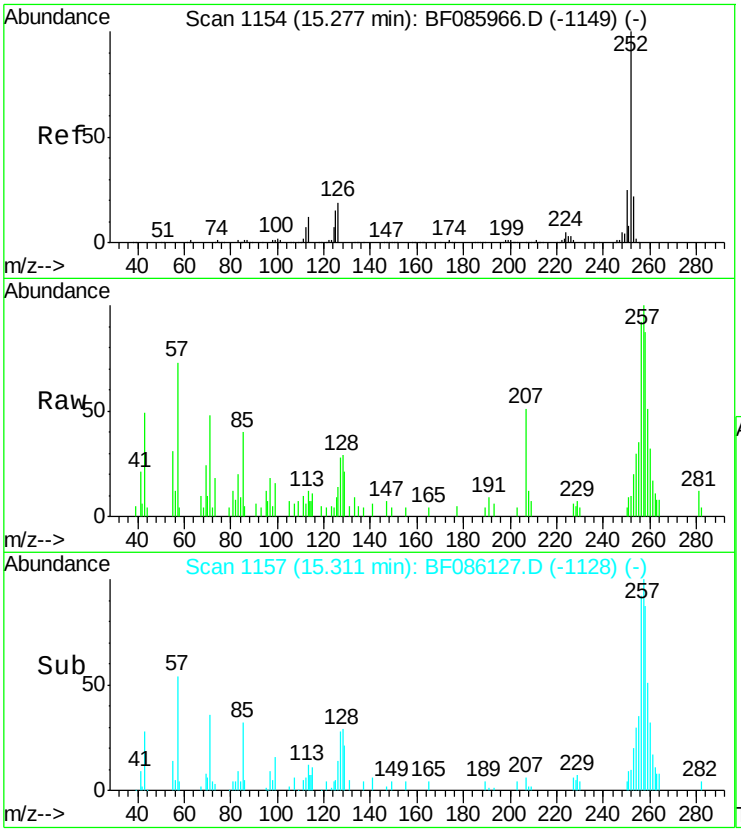


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Tgt Ion:264 Resp: 4412

Ion	Ratio	Lower	Upper
264	100		
260	112.6	19.4	29.2#
265	24.5	17.2	25.8





#89
Benzo(a)pyrene
Concen: 4.24 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.03 min
Lab File: BF086127.D
Acq: 7 Apr 2016 12:52

Instrument :
BNA_F
ClientSampleId :
PEN-IDW-040116-WATER

Tgt Ion:252 Resp: 1042

Ion	Ratio	Lower	Upper
252	100		
253	197.3	17.4	26.0#
125	91.6	10.3	15.5#