Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091641.D
Acq On : 15 Dec 2016 21:09
Operator : UM/SJ
Sample : H6029-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-WATER-01

Quant Time: Dec 16 00:15:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	298005	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	1131124	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	587598	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	766868	20.00	ng		-0.03
75) Chrysene-d12	13.94	240	592654	20.00	ng		-0.02
86) Perylene-d12	15.35	264	567710	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1320611	74.66	ng		-0.02
7) Phenol-d6	6.42	99	999857	45.34	ng		-0.03
23) Nitrobenzene-d5	7.36	82	2122743	104.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	533635	109.34	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	2605556	76.62	ng		-0.03
78) Terphenyl-d14	12.89	244	2087911	79.94	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	53428	3.52	ng		86
15) Benzyl Alcohol	6.94	79	35366	2.03	ng	#	29
19) n-Nitroso-di-n-propylamine	7.36	70	286650	20.79	ng	#	58
20) 3+4-Methylphenols	7.21	107	239	Below Cal		#	6
25) Isophorone	7.36	82	1938165	53.80	ng	#	67
32) Benzoic acid	7.73	122	261	4.92	ng	#	1
56) 2,4-Dinitrotoluene	9.82	165	75985	7.42	ng	#	34
57) Fluorene	10.50	166	976	Below Cal		#	8
64) 4,6-Dinitro-2-methylphenol	10.61	198	1420	3.23	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	36713	4.67	ng	#	1
73) Di-n-butylphthalate	11.87	149	93153	2.23	ng		99

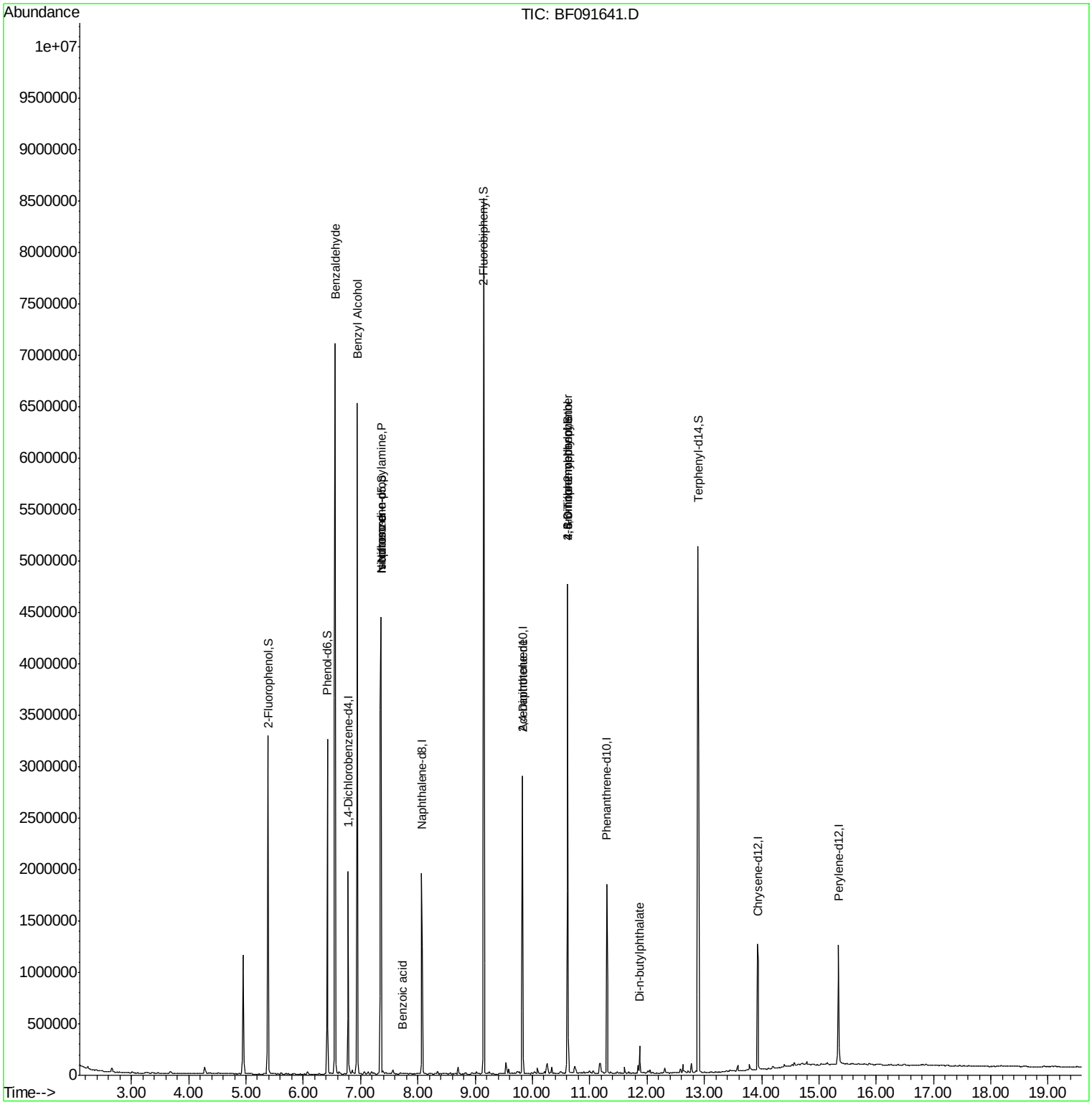
(#) = qualifier out of range (m) = manual integration (+) = signals summed

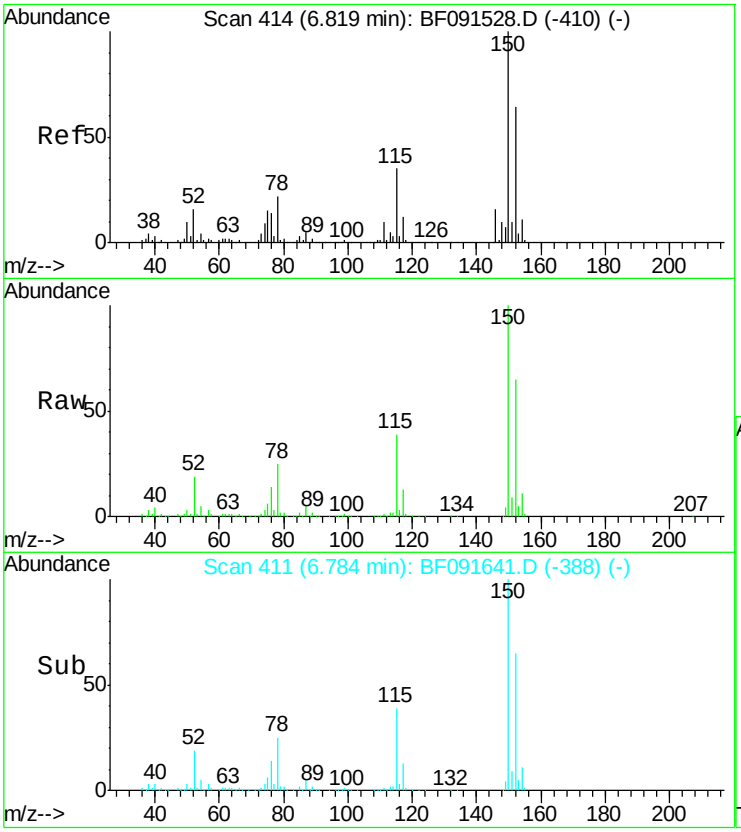
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091641.D
Acq On : 15 Dec 2016 21:09
Operator : UM/SJ
Sample : H6029-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Quant Time: Dec 16 00:15:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



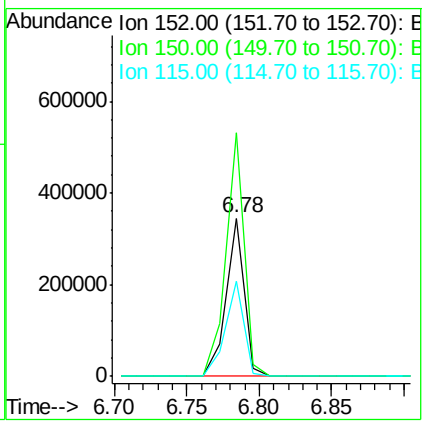


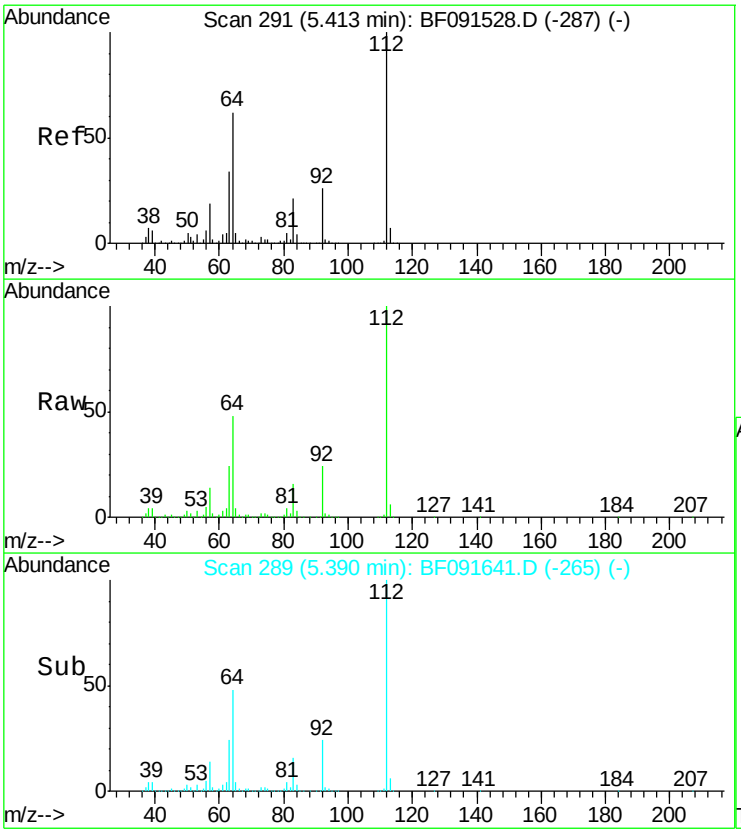
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:152 Resp: 298005

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.5	183.7
115	60.4	51.8	77.8

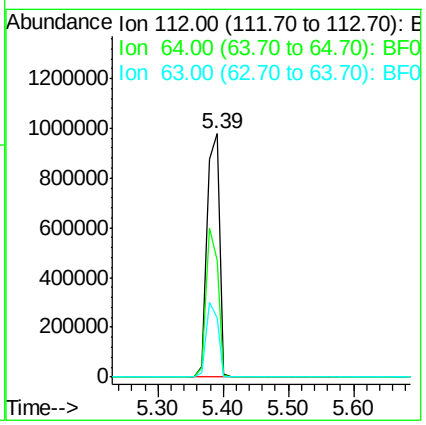


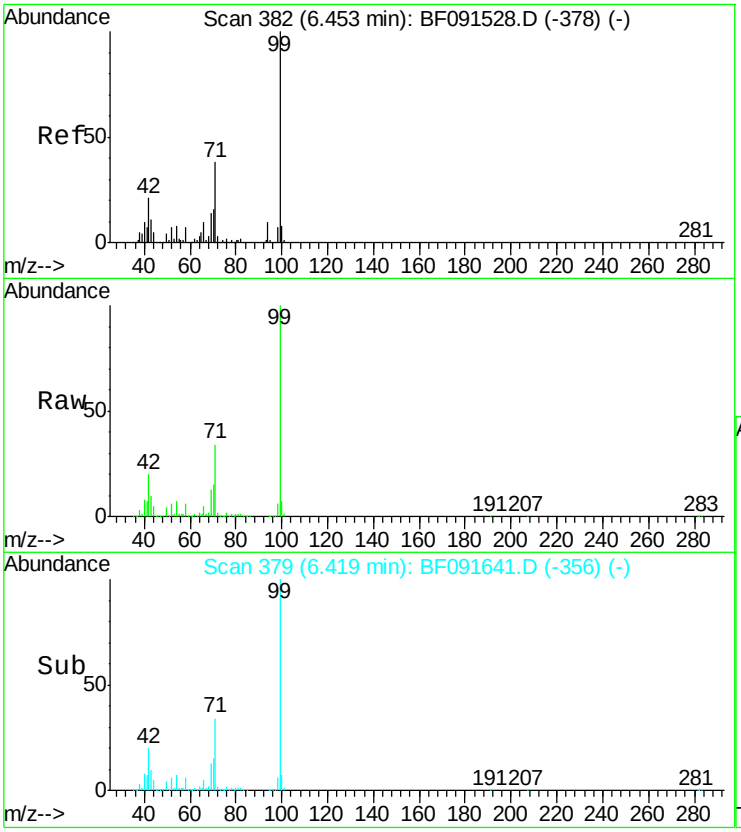


#5
2-Fluorophenol
Concen: 74.66 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:112 Resp: 1320611

Ion	Ratio	Lower	Upper
112	100		
64	48.2	61.5	92.3#
63	24.4	33.3	49.9#



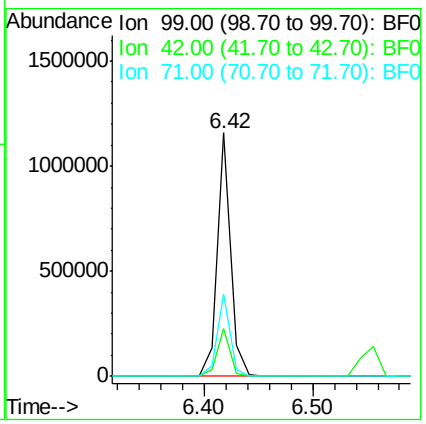


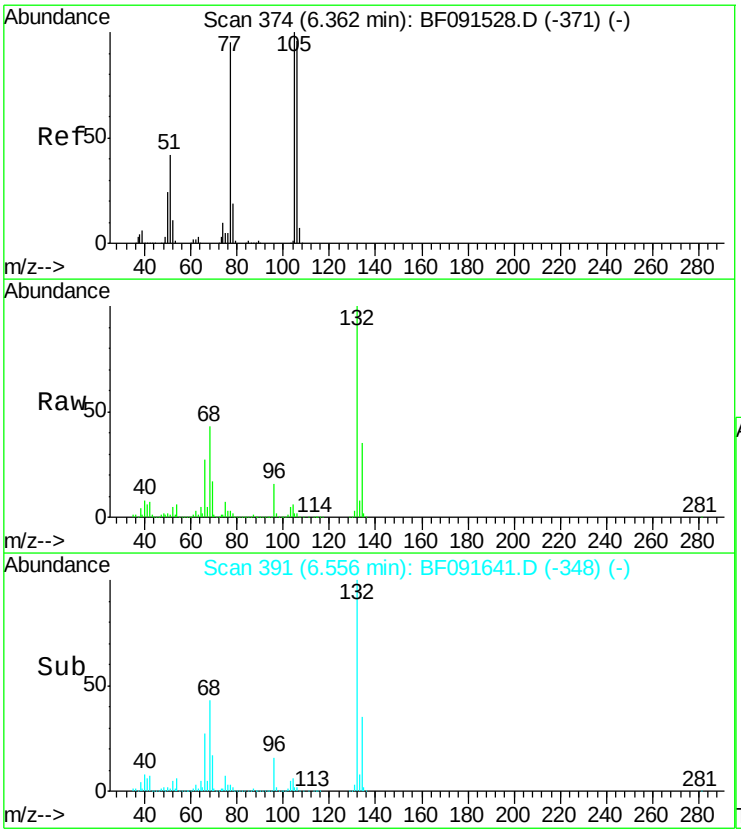
#7
Phenol-d6
Concen: 45.34 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion: 99 Resp: 999857

Ion	Ratio	Lower	Upper
99	100		
42	19.7	20.6	31.0#
71	33.7	29.9	44.9

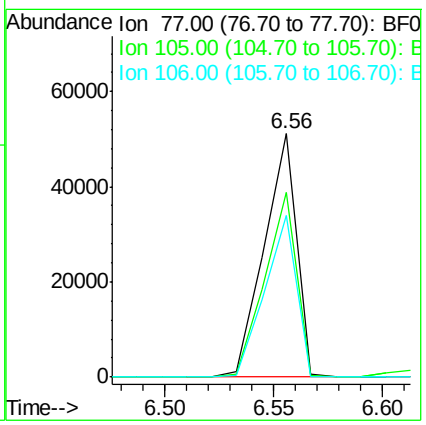


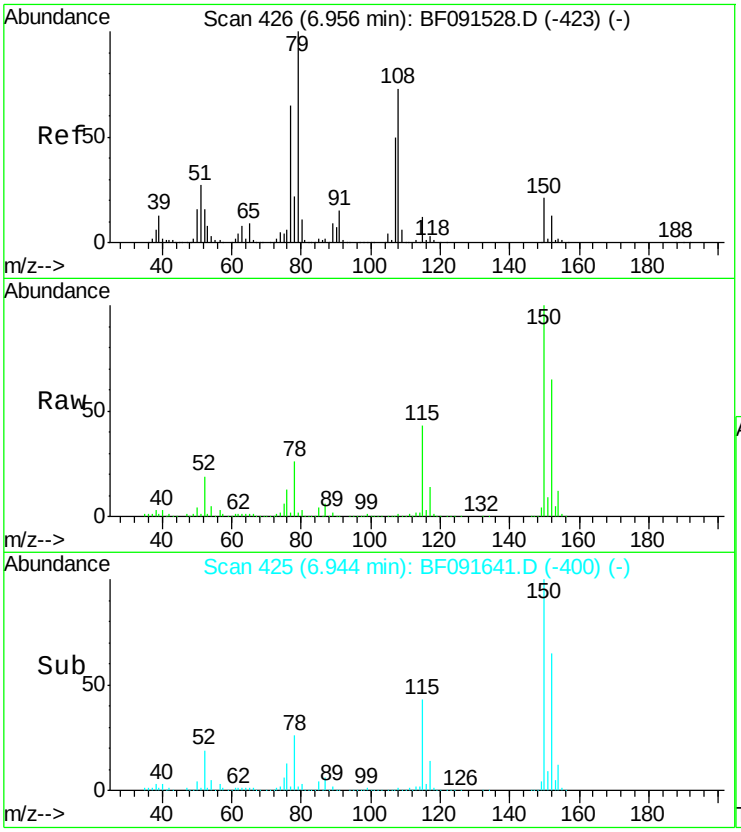


#9
Benzaldehyde
Concen: 3.52 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.19 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion: 77 Resp: 53428

Ion	Ratio	Lower	Upper
77	100		
105	75.7	66.4	106.4
106	66.2	60.9	100.9



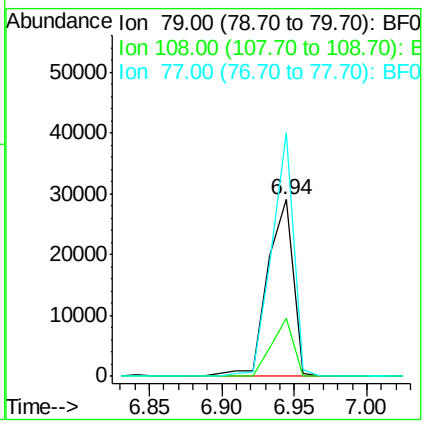


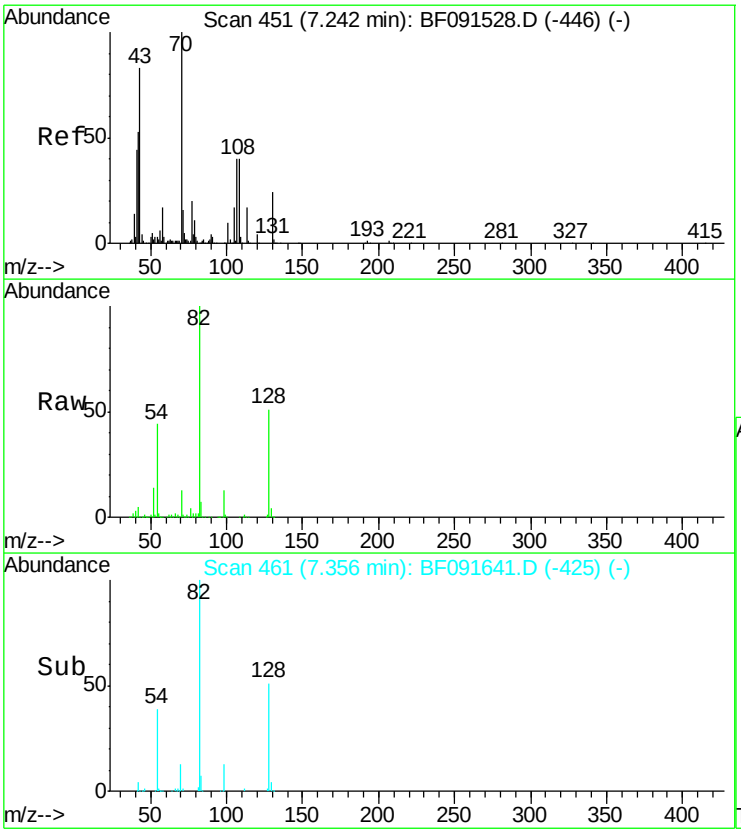
#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion: 79 Resp: 35366

Ion	Ratio	Lower	Upper
79	100		
108	32.6	62.7	94.1#
77	137.6	51.7	77.5#

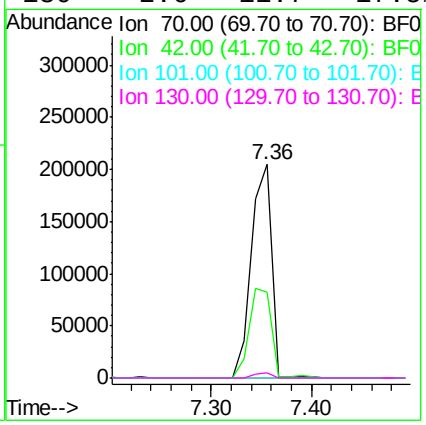


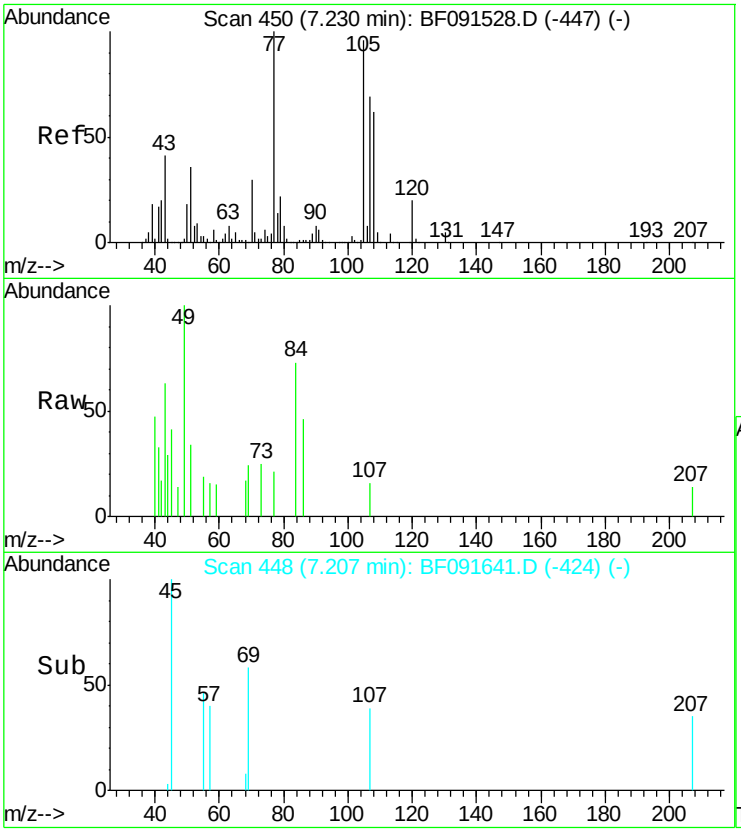


#19
n-Nitroso-di-n-propylamine
Concen: 20.79 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion: 70 Resp: 286650

Ion	Ratio	Lower	Upper
70	100		
42	40.4	64.8	97.2#
101	0.0	6.2	9.4#
130	2.6	11.7	17.5#



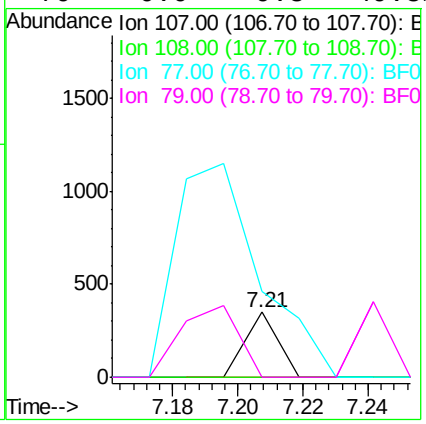


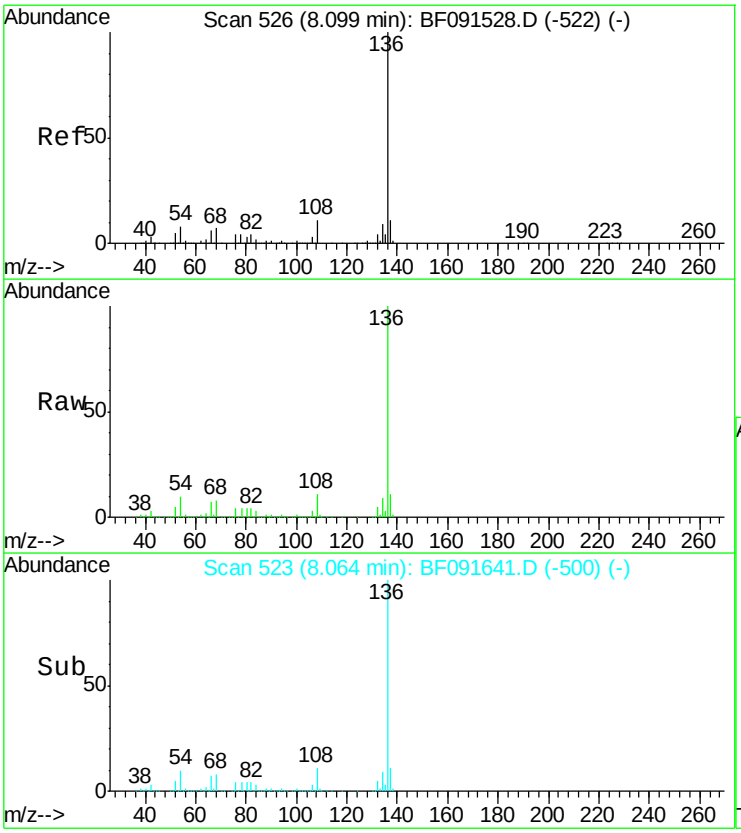
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:107 Resp: 239

Ion	Ratio	Lower	Upper
107	100		
108	0.0	64.6	104.6#
77	133.0	30.9	70.9#
79	0.0	9.3	49.3#

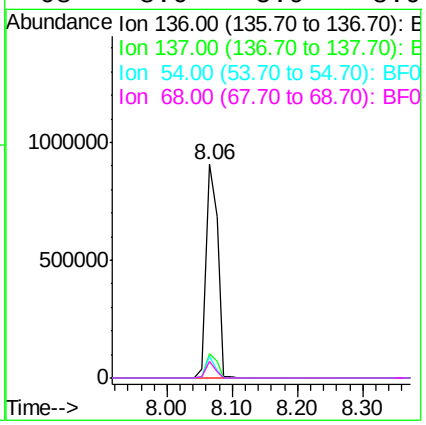


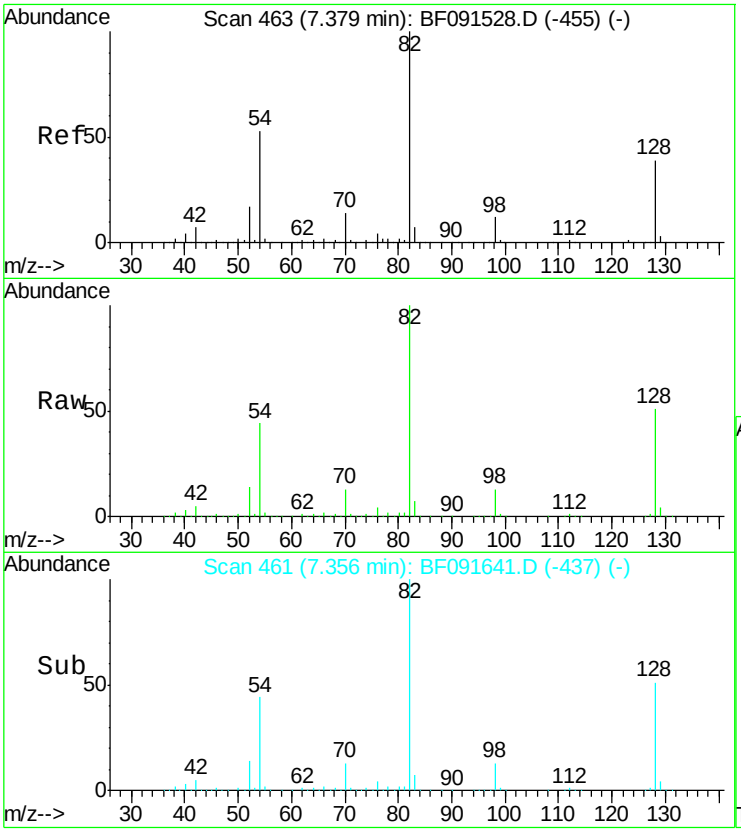


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:136 Resp: 1131124

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	9.1	13.7
68	8.0	5.9	8.9



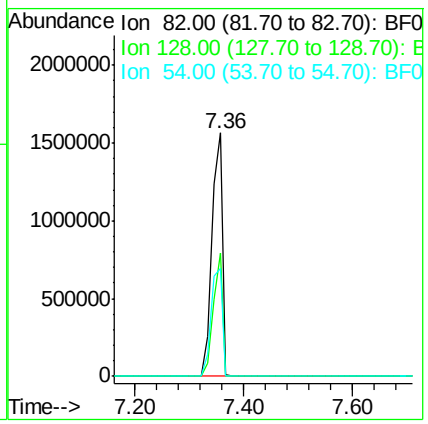


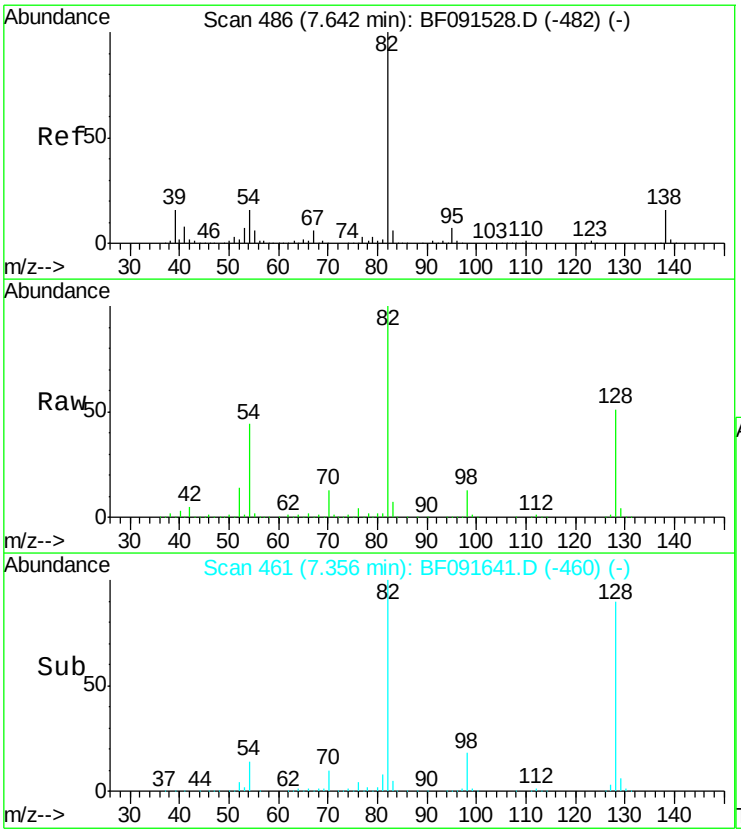
#23
Nitrobenzene-d5
Concen: 104.74 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion: 82 Resp: 2122743

Ion	Ratio	Lower	Upper
82	100		
128	50.6	31.8	47.6#
54	44.1	49.1	73.7#

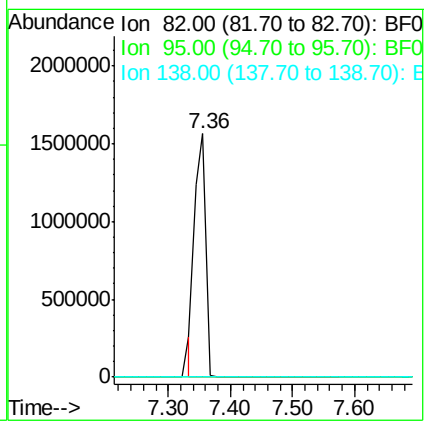


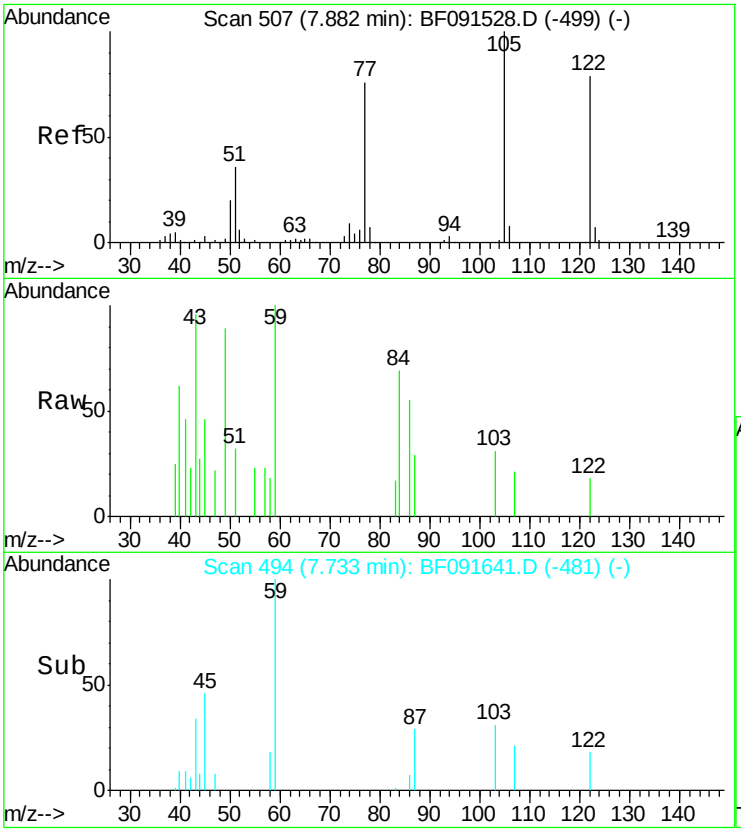


#25
Isophorone
Concen: 53.80 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.29 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion: 82 Resp: 1938165

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



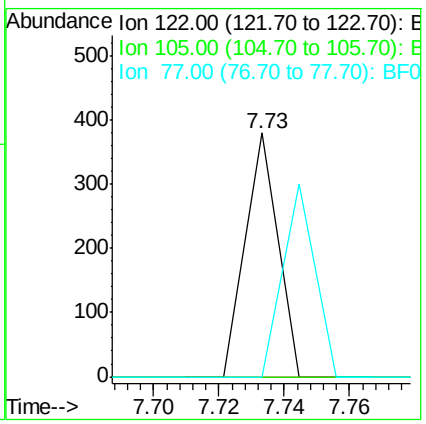


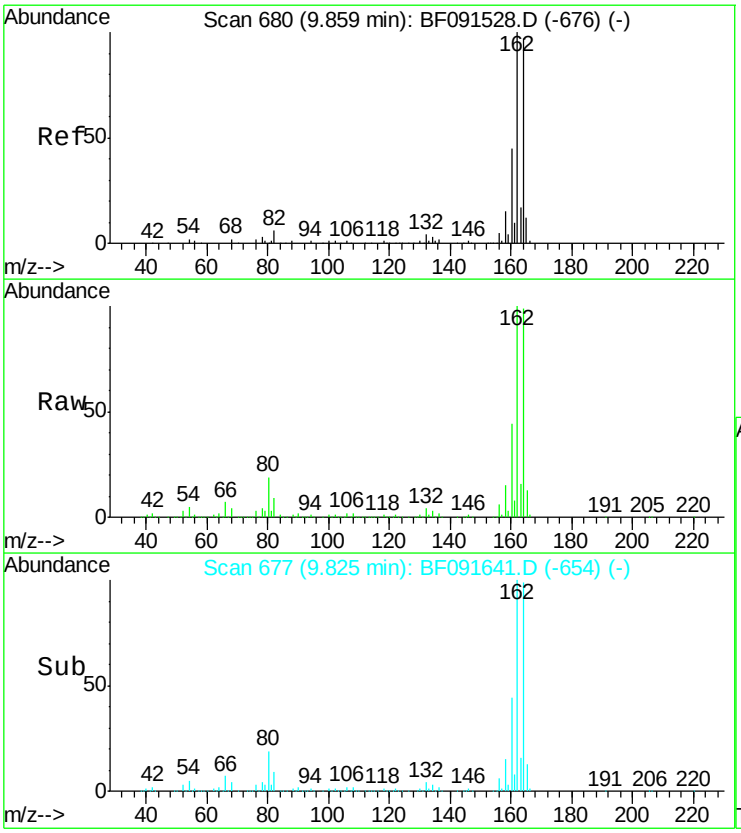
#32
Benzoic acid
Concen: 4.92 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.15 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:122 Resp: 261

Ion	Ratio	Lower	Upper
122	100		
105	0.0	113.0	153.0#
77	0.0	82.0	122.0#

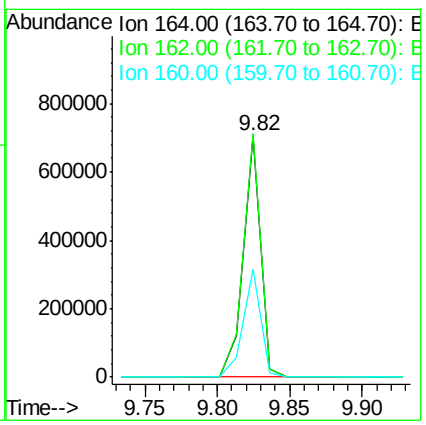


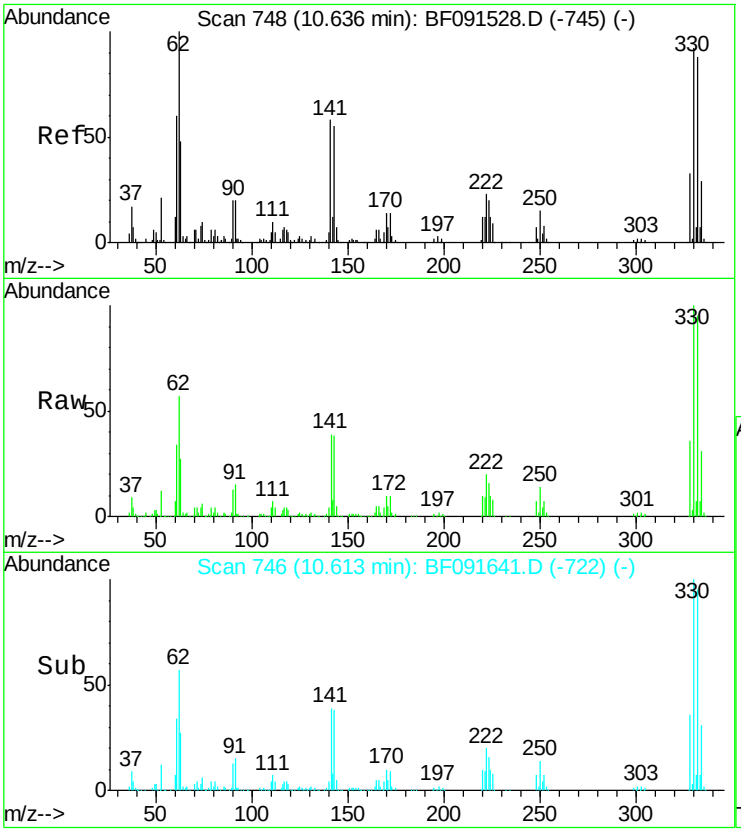


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:164 Resp: 587598

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	124.0
160	44.5	36.7	55.1



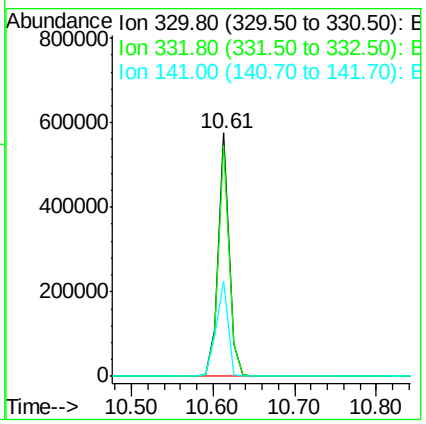


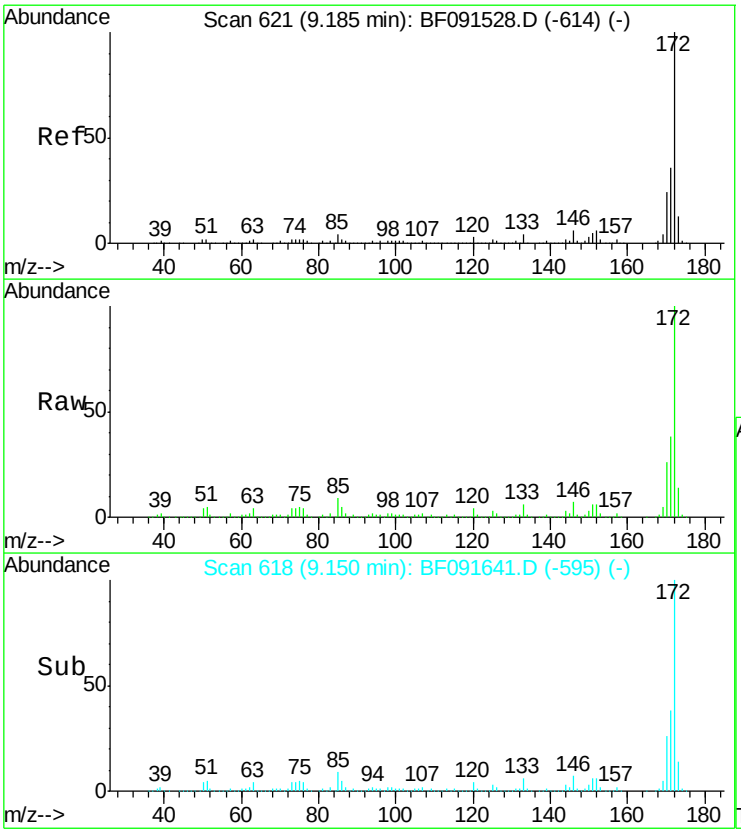
#41
2,4,6-Tribromophenol
Concen: 109.34 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:330 Resp: 533635

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	42.7	33.6	50.4

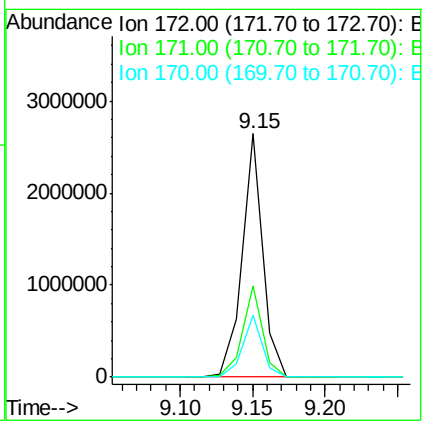


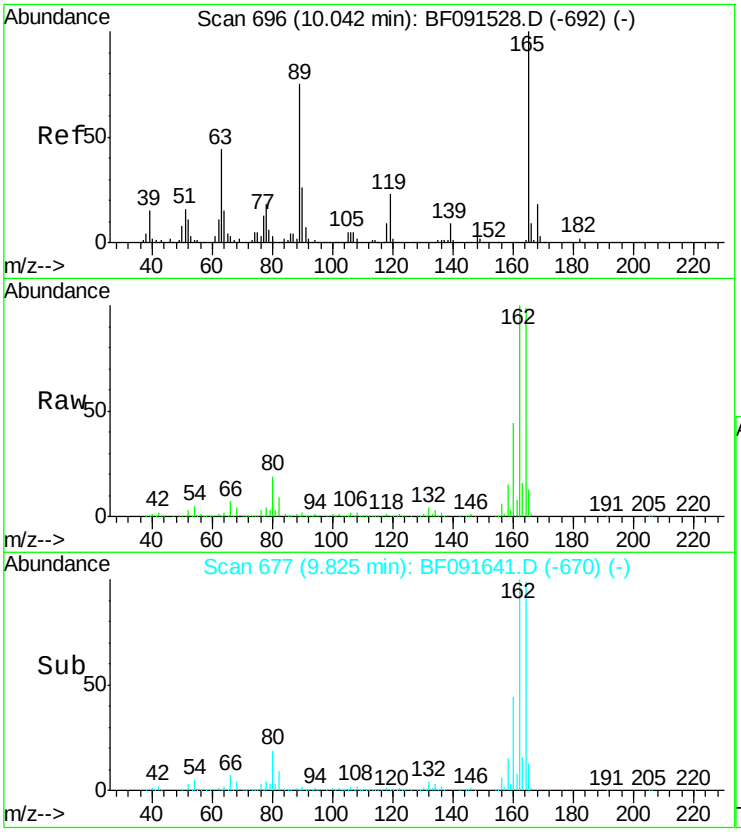


#44
2-Fluorobiphenyl
Concen: 76.62 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:172 Resp: 2605556

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.0
170	25.6	19.7	29.5



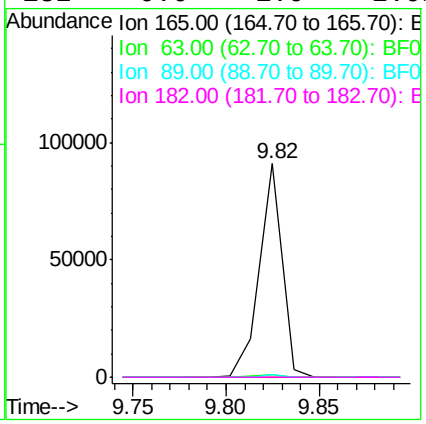


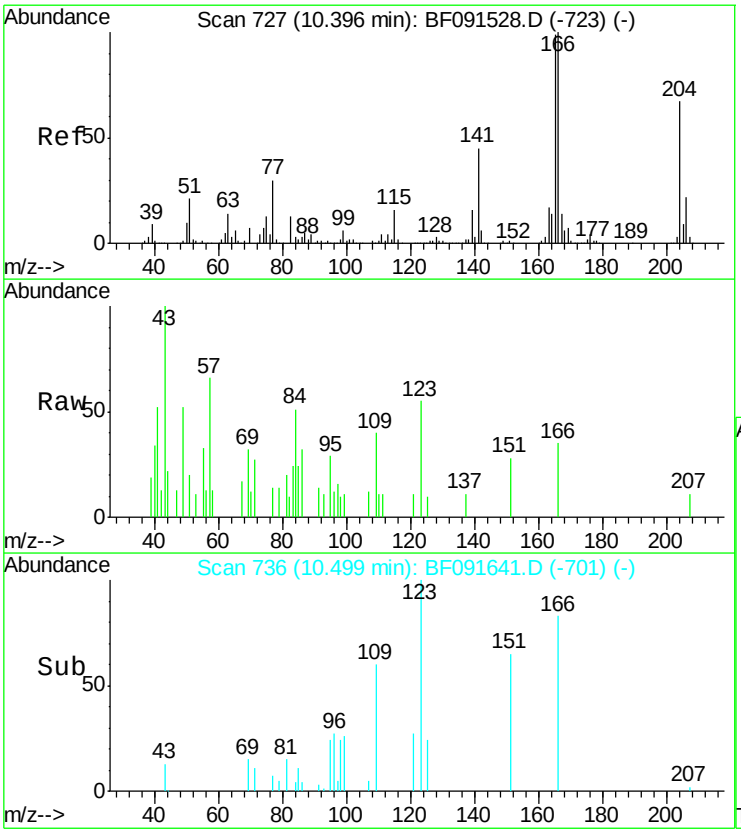
#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:165 Resp: 75985

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

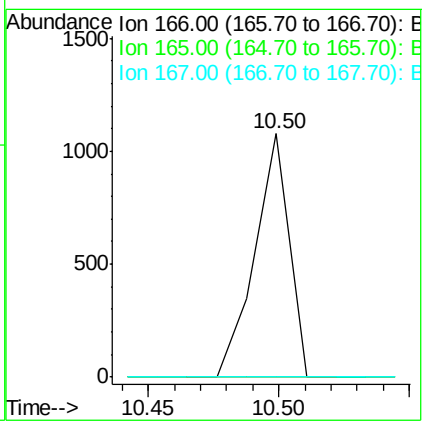


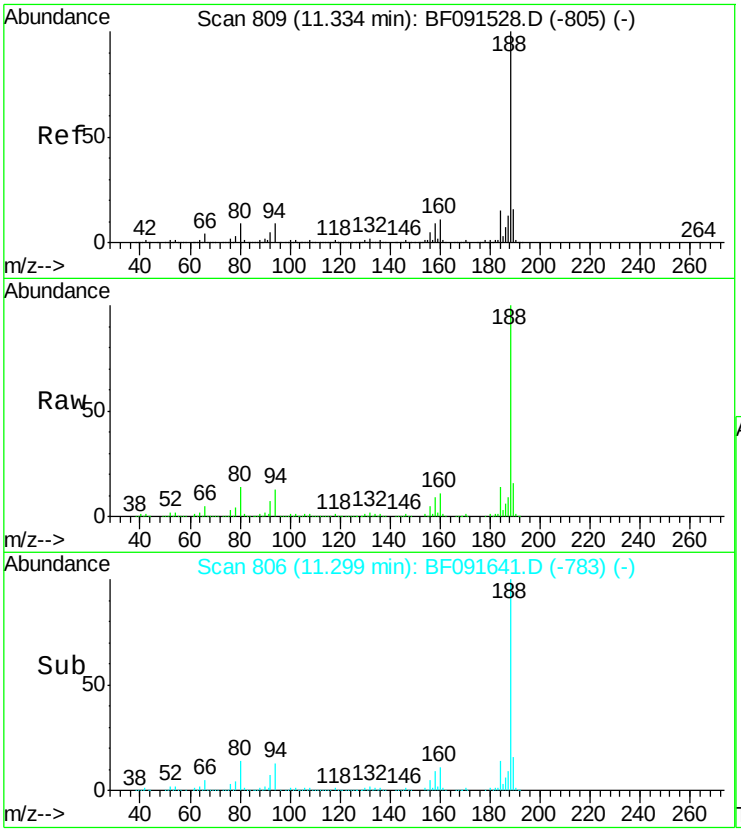


#57
Fluorene
Concen: Below Cal
RT: 10.50 min Scan# 736
Delta R.T. 0.10 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:166 Resp: 976

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.0	120.0#
167	0.0	10.8	16.2#



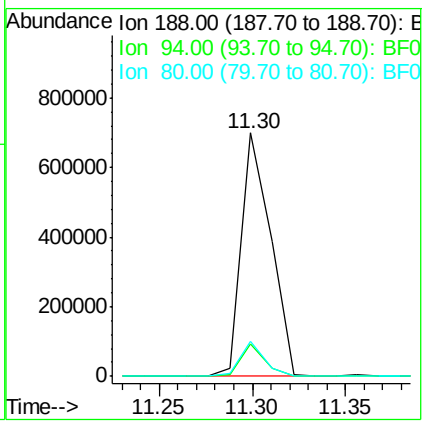


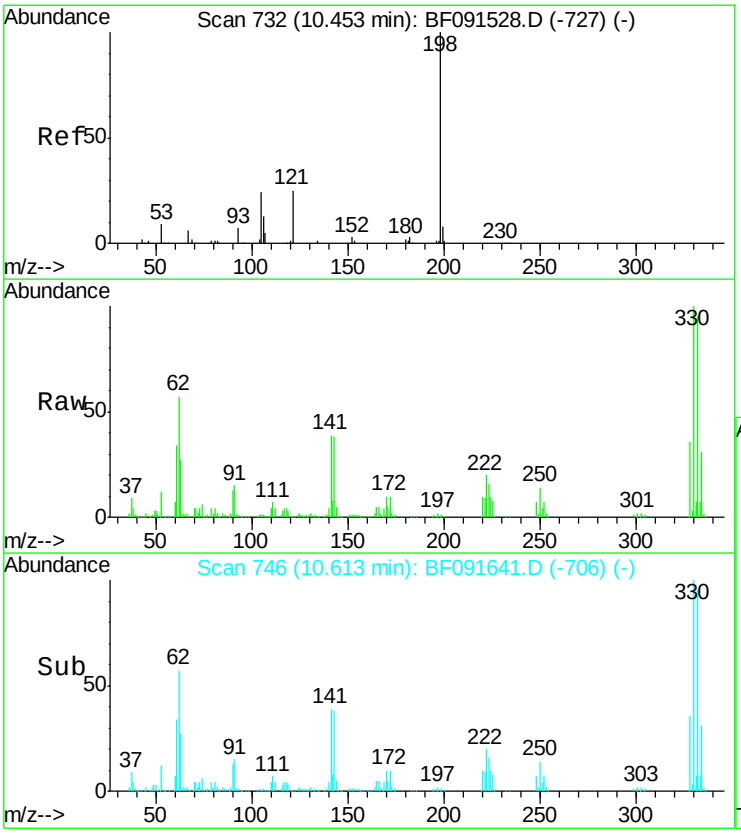
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:188 Resp: 766868

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.2	13.8
80	14.3	10.5	15.7

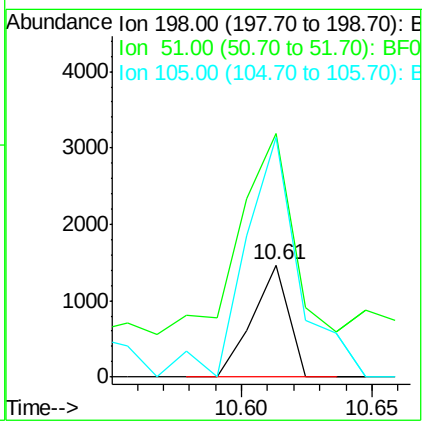


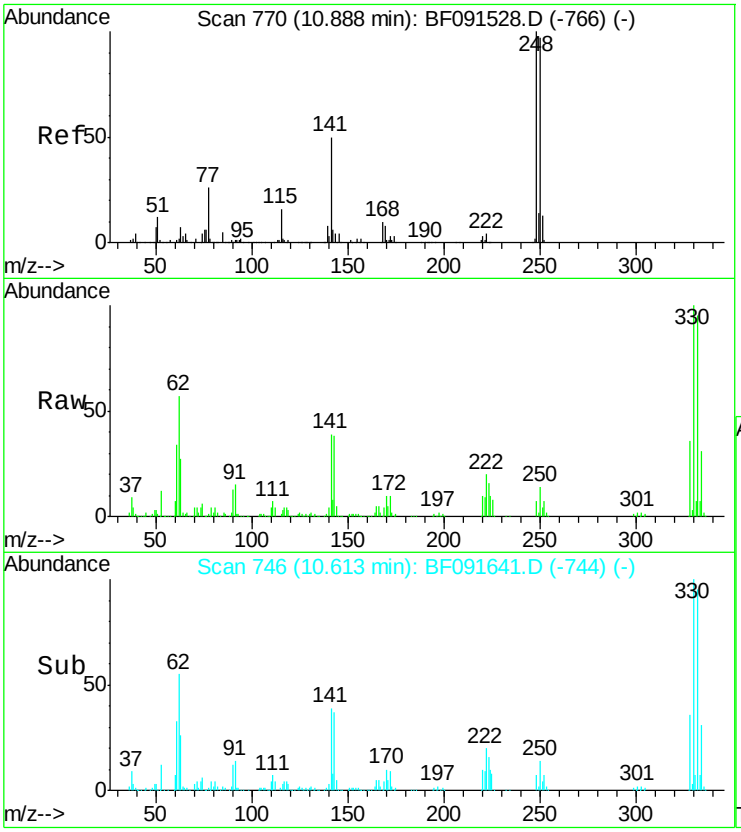


#64
4,6-Dinitro-2-methylphenol
Concen: 3.23 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:198 Resp: 1420

Ion	Ratio	Lower	Upper
198	100		
51	217.5	77.1	117.1#
105	213.9	44.8	84.8#



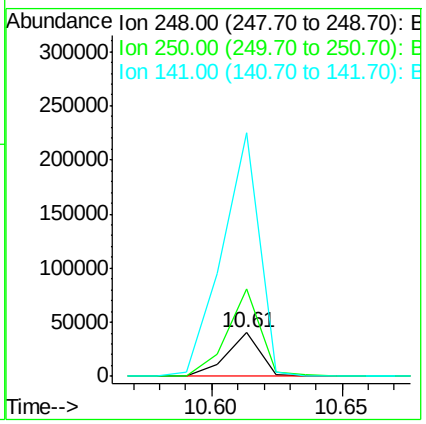


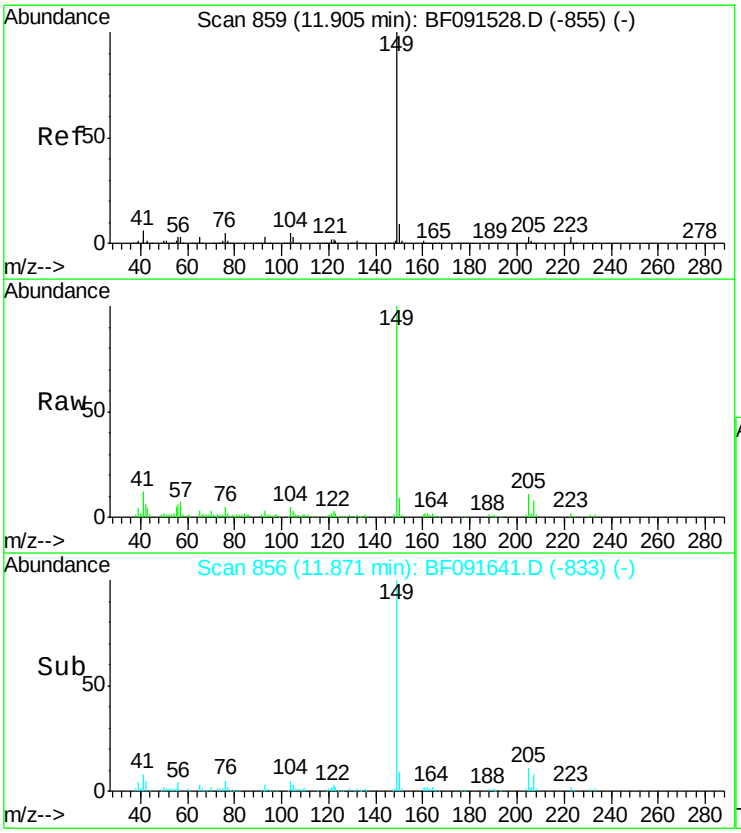
#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.27 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:248 Resp: 36713

Ion	Ratio	Lower	Upper
248	100		
250	200.0	78.2	117.4#
141	556.8	71.9	107.9#

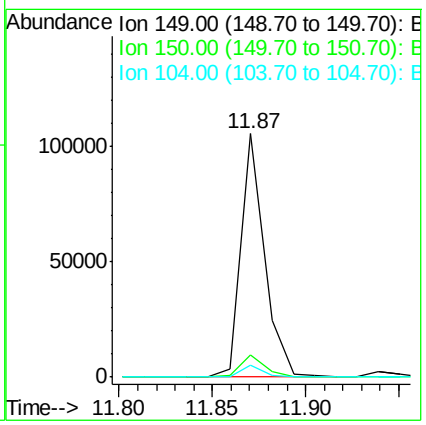


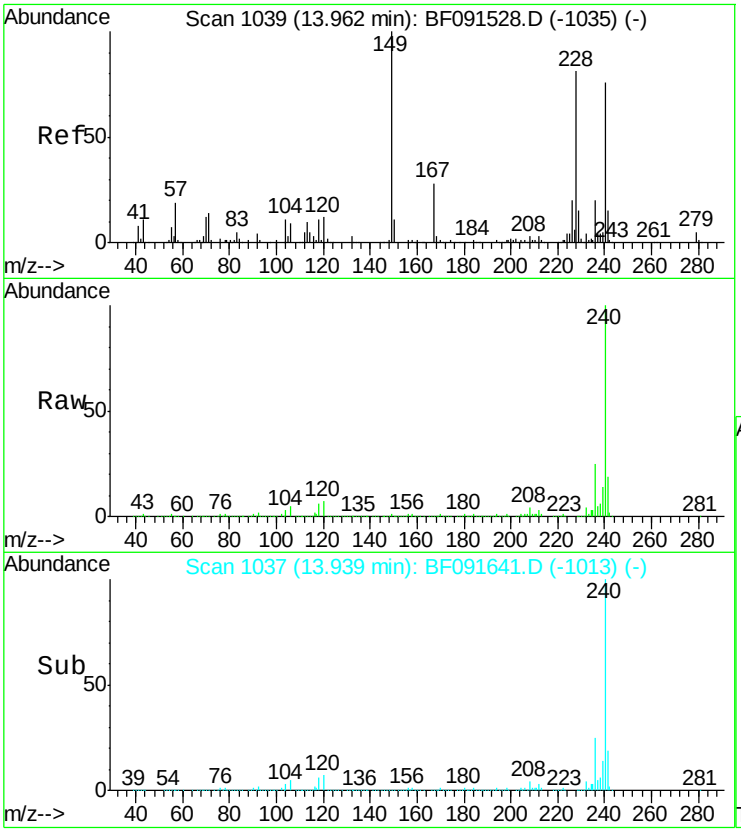


#73
Di-n-butylphthalate
Concen: 2.23 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:149 Resp: 93153

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.8	4.0	6.0



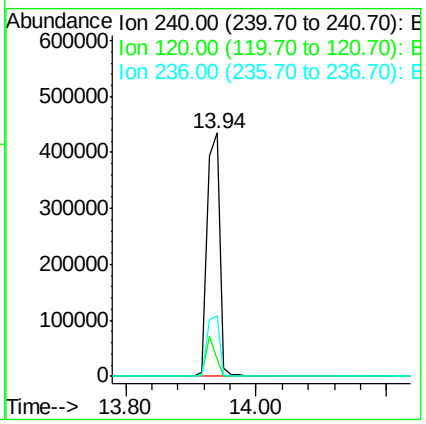


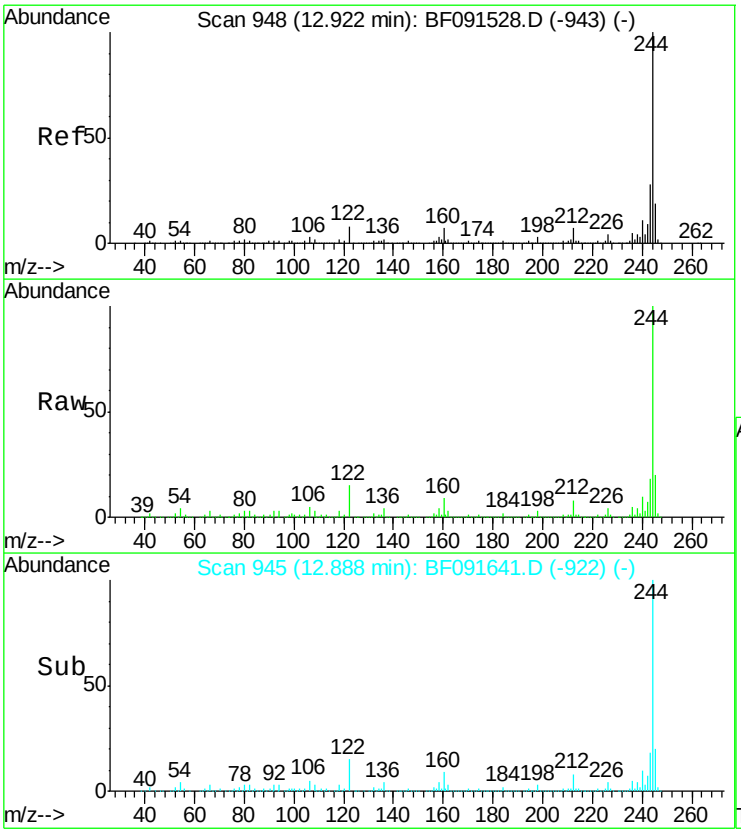
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:240 Resp: 592654

Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.1	18.1#
236	24.8	21.0	31.6

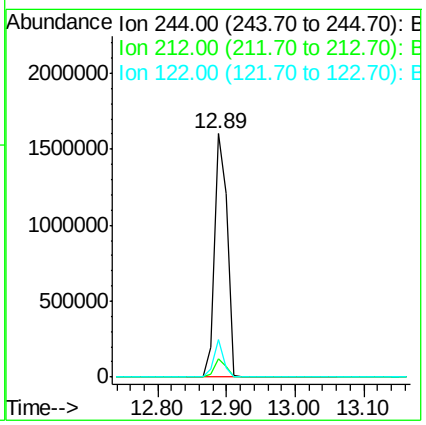


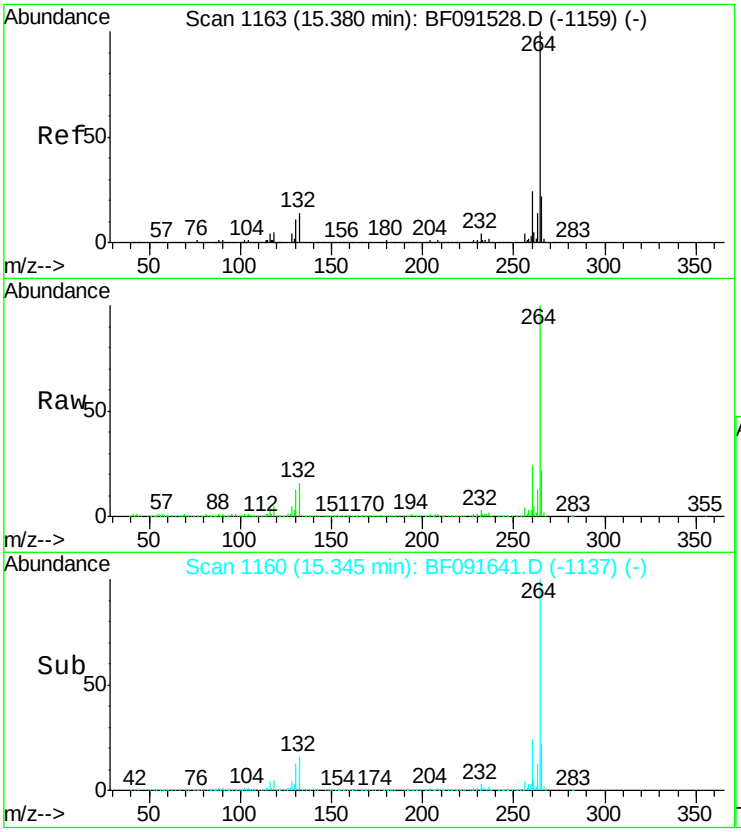


#78
Terphenyl-d14
Concen: 79.94 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Tgt Ion:244 Resp: 2087911

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	15.4	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091641.D
Acq: 15 Dec 2016 21:09

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-01

Tgt Ion:264 Resp: 567710

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.0	17.0	25.6