Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080061.D
Acq On : 19 Jun 2015 17:00
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
apatel
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Quant Time: Jun 22 12:51:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39902	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	168655	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	92091	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	194580	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	209372	20.00	ng	0.01
86) Perylene-d12	16.75	264	200494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	265732	117.89	ng	0.00
7) Phenol-d6	6.93	99	329599	109.88	ng	-0.01
23) Nitrobenzene-d5	7.89	82	201299	69.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	93993	104.38	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	420758	65.16	ng	-0.01
78) Terphenyl-d14	13.59	244	592707	66.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	2641	2.46	ng	# 73
3) Pyridine	4.15	79	6733	2.36	ng	# 80
4) n-Nitrosodimethylamine	3.99	42	4306	3.18	ng	# 64
25) Isophorone	8.14	82	17772	3.05	ng	# 84
32) Benzoic acid	8.28	122	755m	0.48	ng	
40) Hexachlorocyclopentadiene	9.50	237	2317	7.80	ng	82
53) 2,4-Dinitrophenol	10.44	184	362	6.43	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.97	198	1373	5.25	ng	# 77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080061.D
Acq On : 19 Jun 2015 17:00
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SVOC-WATER-5PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 22 12:51:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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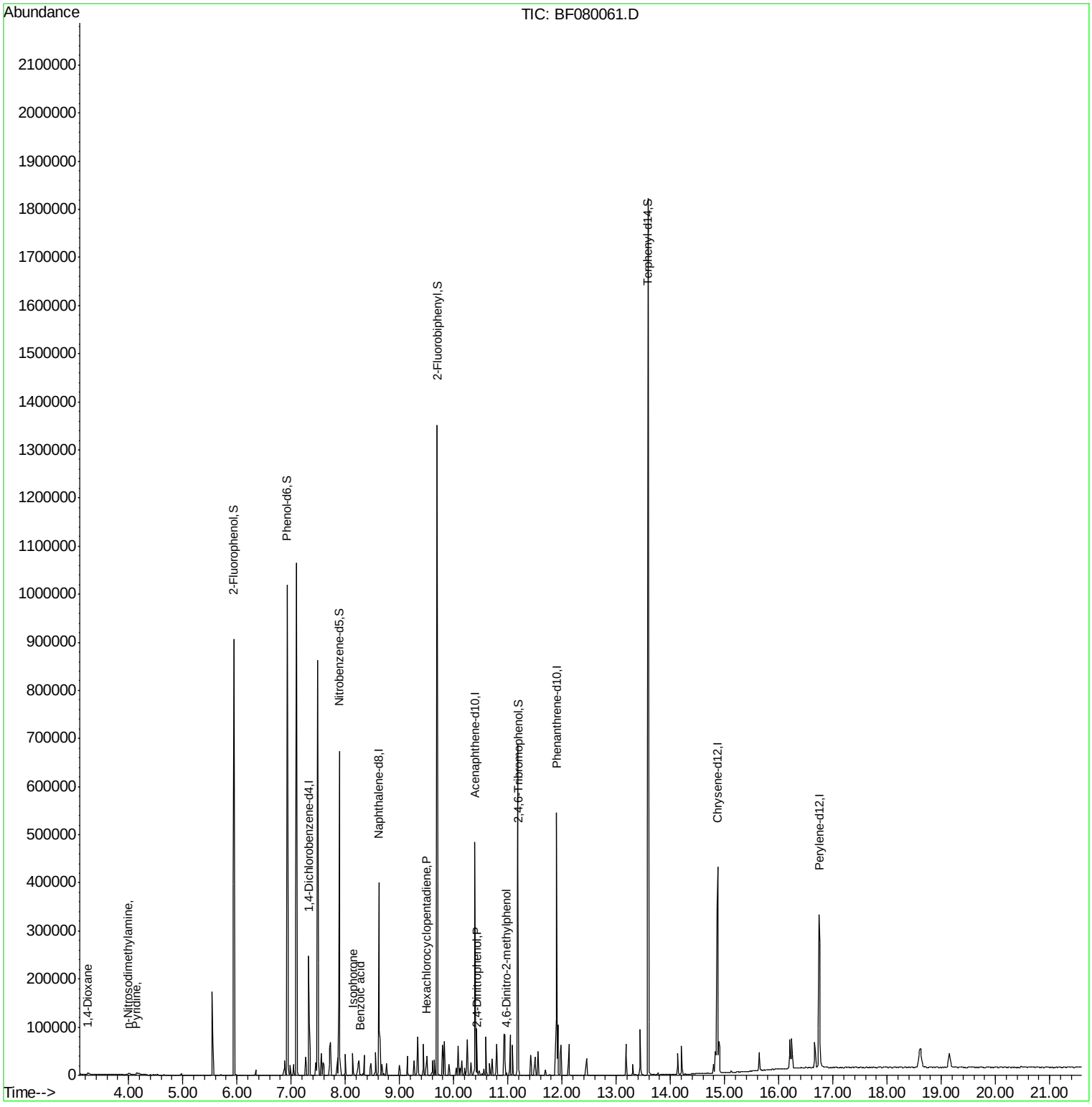
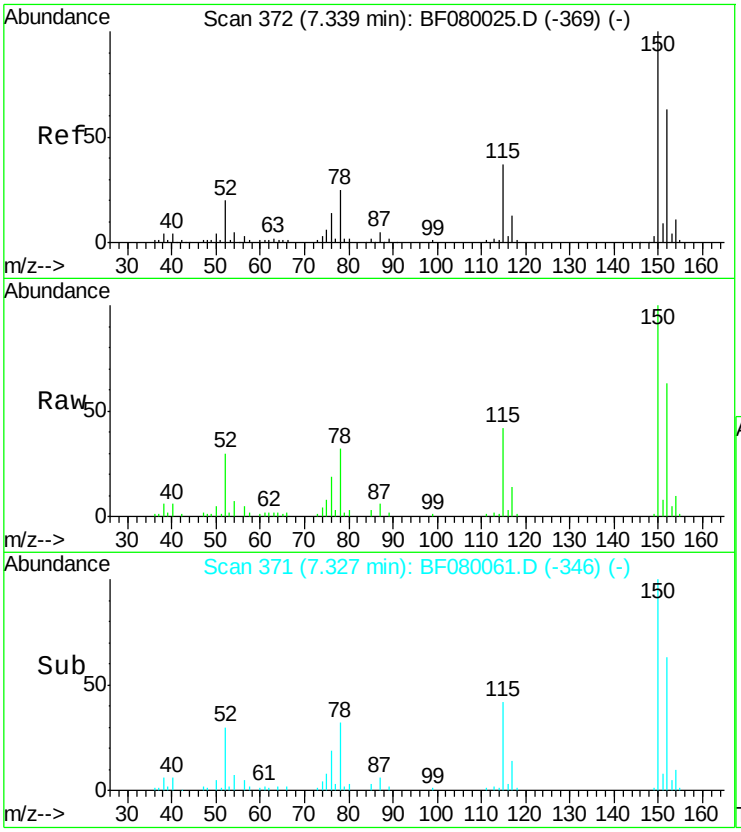
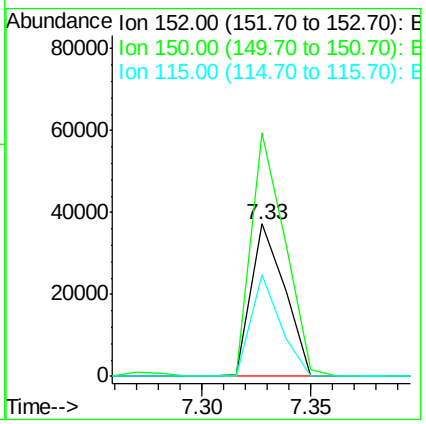




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:152 Resp: 39902

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	66.9	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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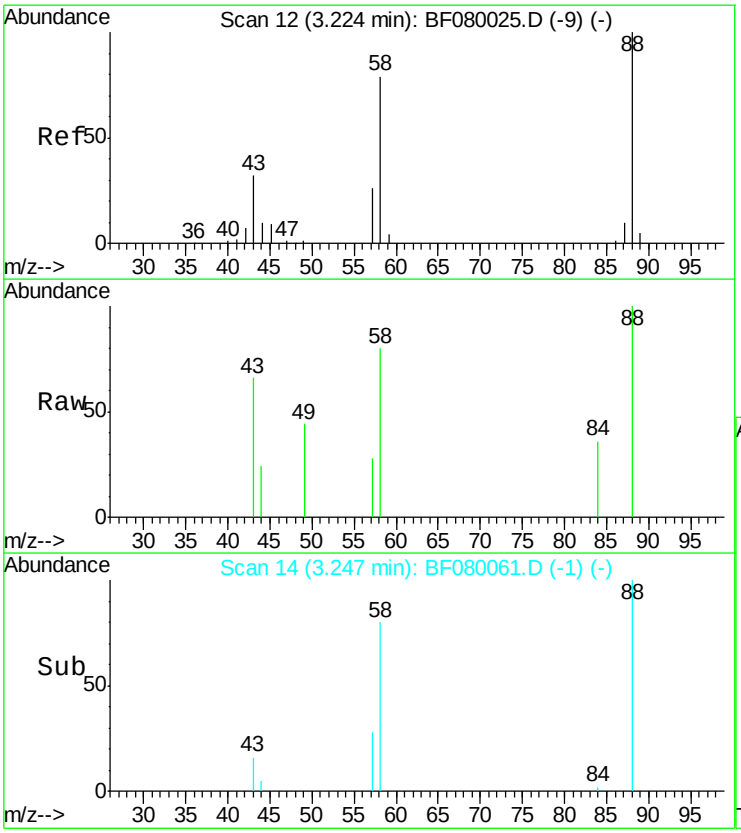
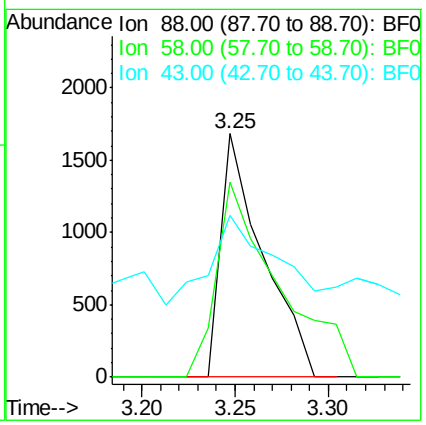
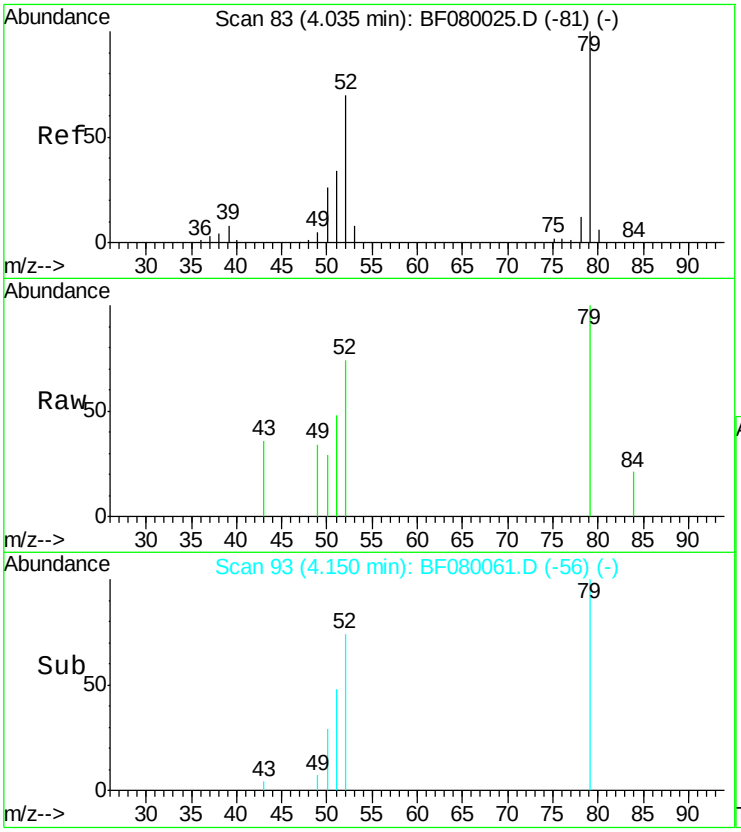


#2
1,4-Dioxane
Concen: 2.46 ng
RT: 3.25 min Scan# 14
Delta R.T. 0.02 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 88 Resp: 2641

Ion	Ratio	Lower	Upper
88	100		
58	118.4	77.7	116.5#
43	57.9	26.6	40.0#

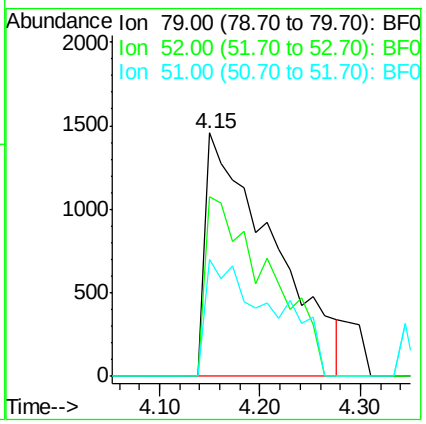




#3
Pyridine
Concen: 2.36 ng
RT: 4.15 min Scan# 93
Delta R.T. 0.13 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 79 Resp: 6733

Ion	Ratio	Lower	Upper
79	100		
52	73.9	76.8	115.2#
51	48.2	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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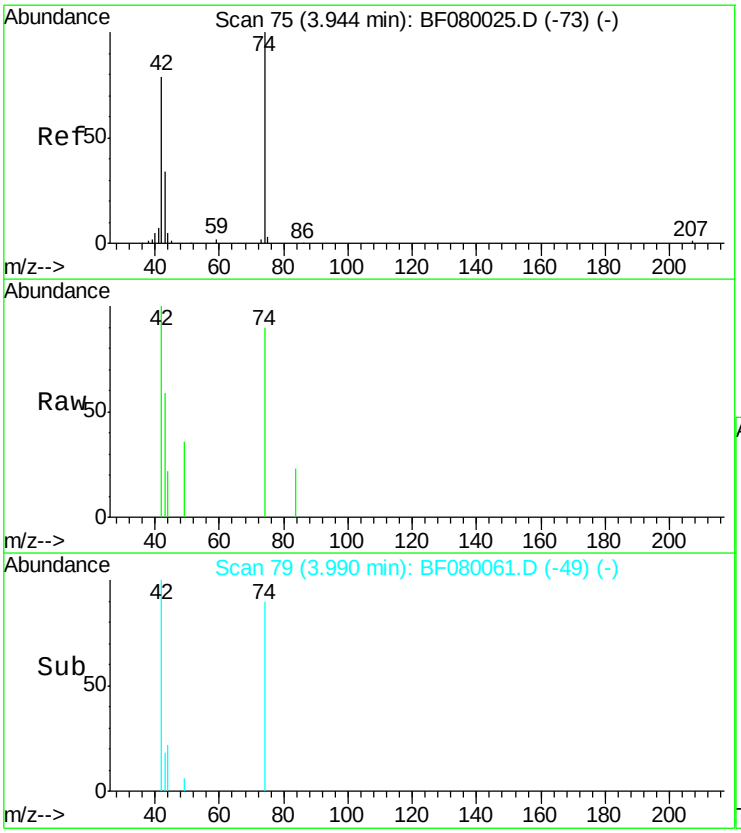
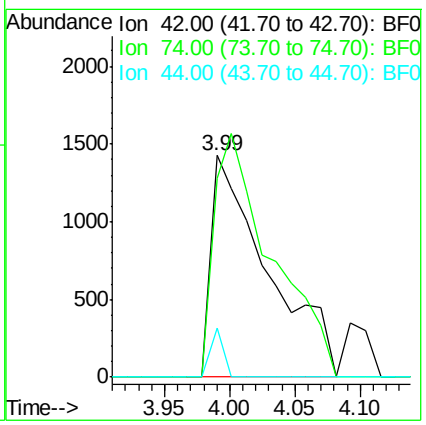
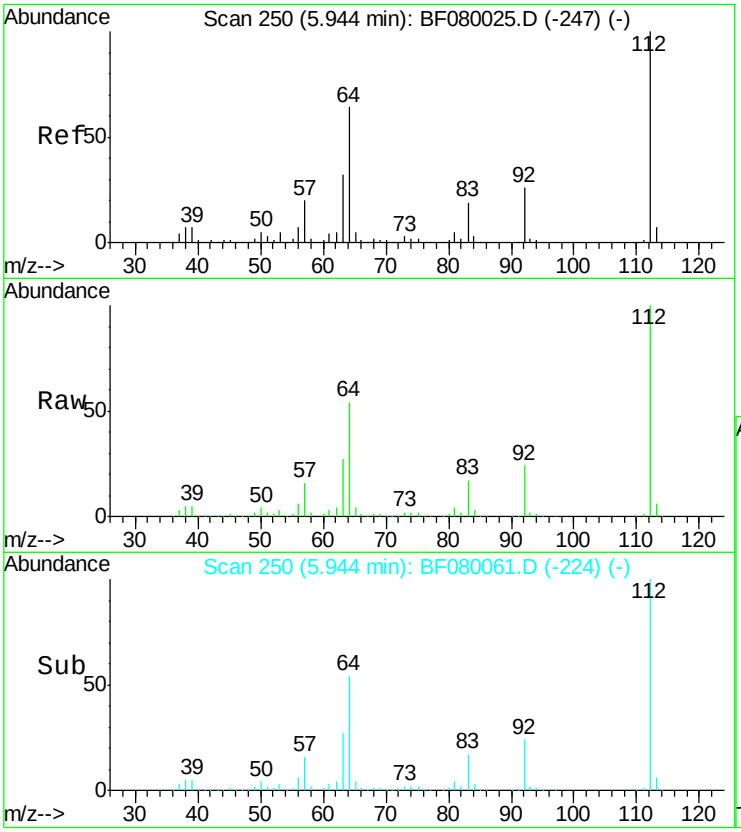


#4
n-Nitrosodimethylamine
Concen: 3.18 ng
RT: 3.99 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 42 Resp: 4306

Ion	Ratio	Lower	Upper
42	100		
74	89.8	105.0	157.6#
44	22.3	6.6	10.0#





#5
2-Fluorophenol
Concen: 117.89 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:112 Resp: 265732

Ion	Ratio	Lower	Upper
112	100		
64	54.1	39.7	59.5
63	27.1	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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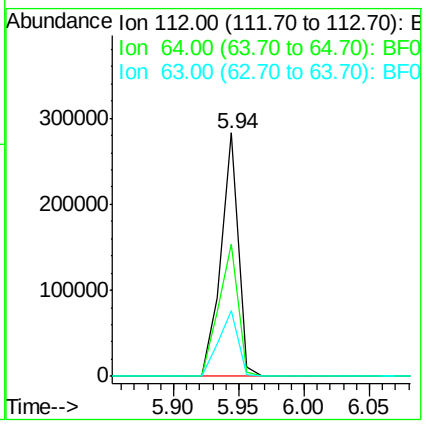
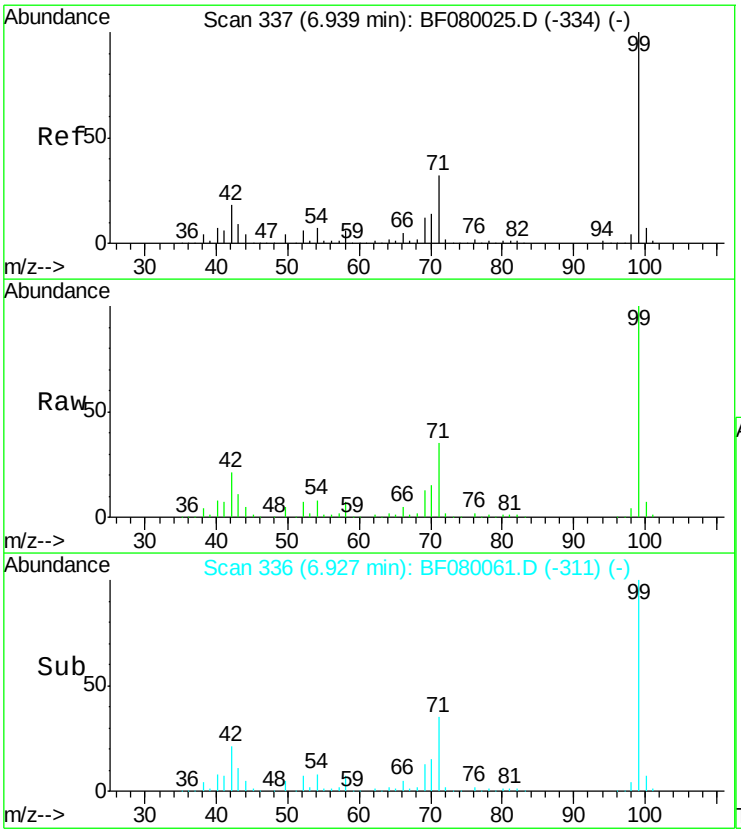
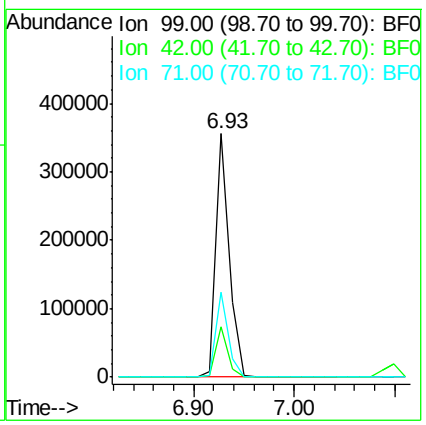


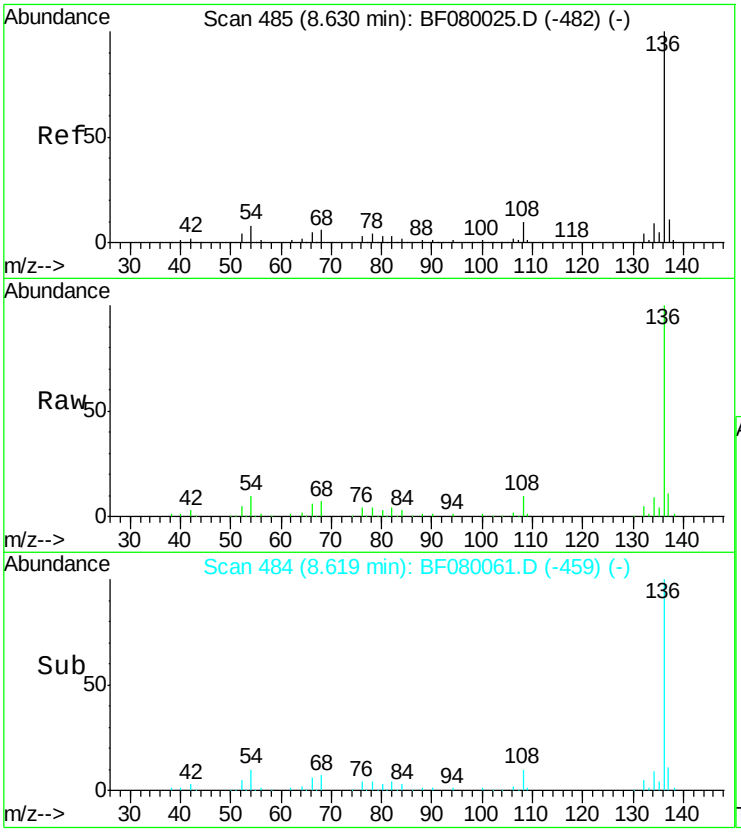


#7
Phenol-d6
Concen: 109.88 ng
RT: 6.93 min Scan# 336
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 99 Resp: 329599

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.7	20.5#
71	34.9	14.2	21.2#

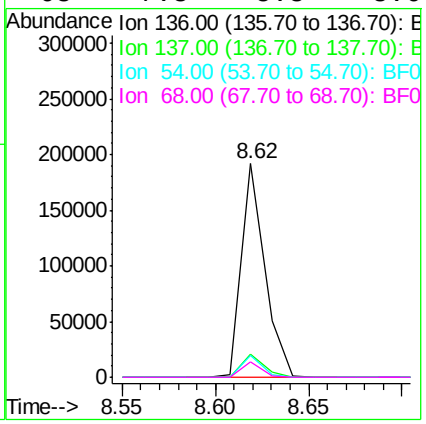




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:136 Resp: 168655

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.9	8.2	12.2
68	7.3	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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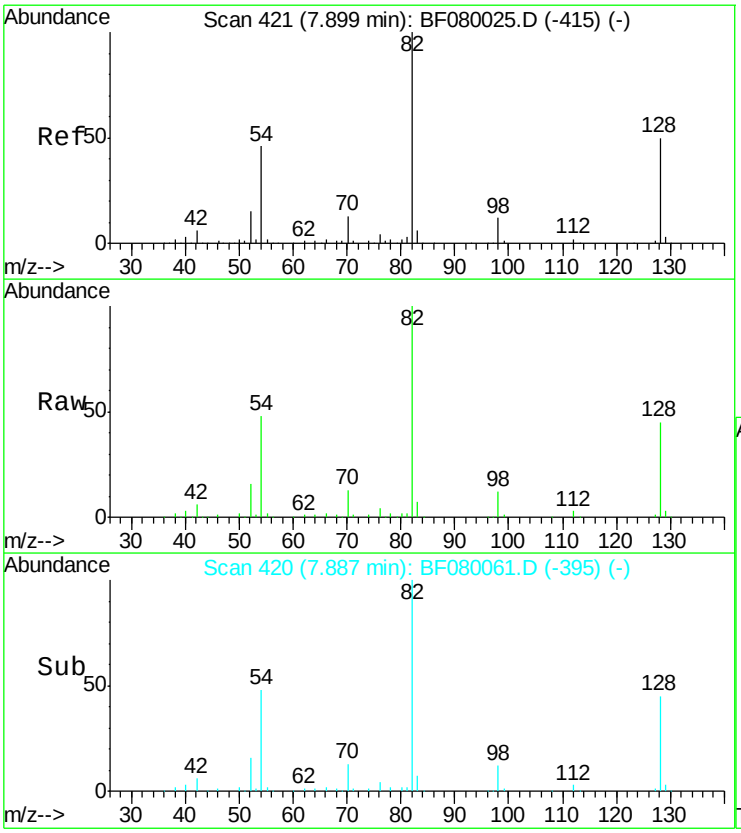
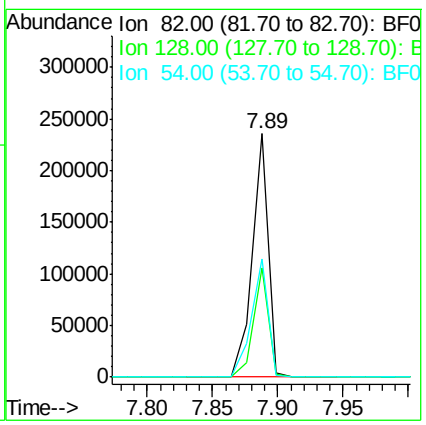
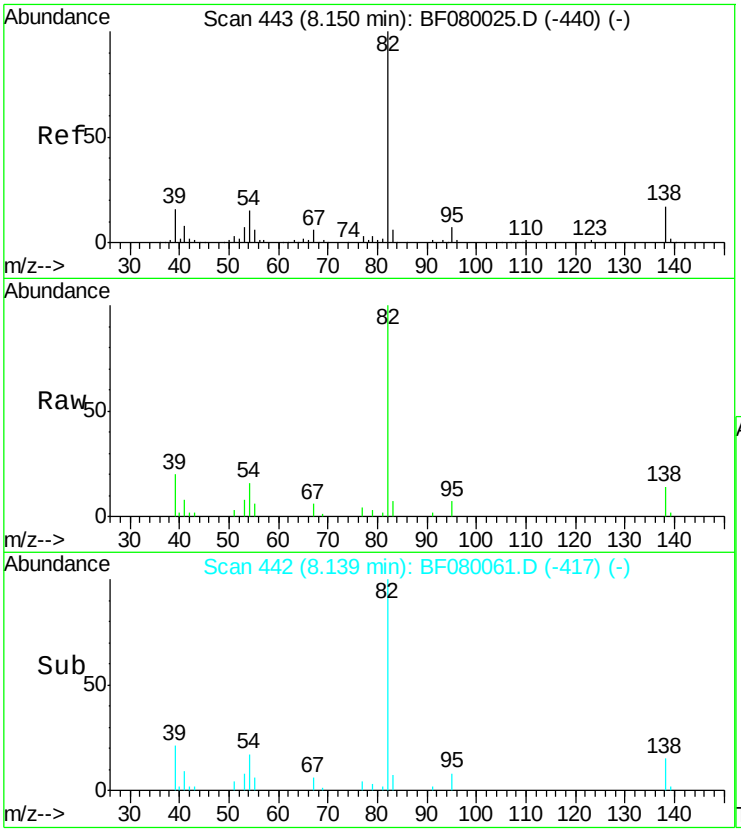


#23
Nitrobenzene-d5
Concen: 69.48 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 82 Resp: 201299

Ion	Ratio	Lower	Upper
82	100		
128	44.8	51.0	76.6#
54	48.5	47.5	71.3

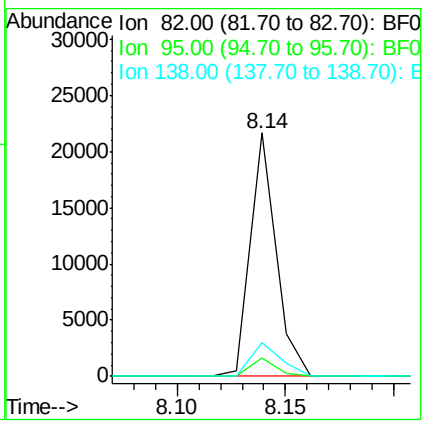




#25
Isophorone
Concen: 3.05 ng
RT: 8.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion: 82 Resp: 17772

Ion	Ratio	Lower	Upper
82	100		
95	7.3	4.0	6.0#
138	14.1	18.3	27.5#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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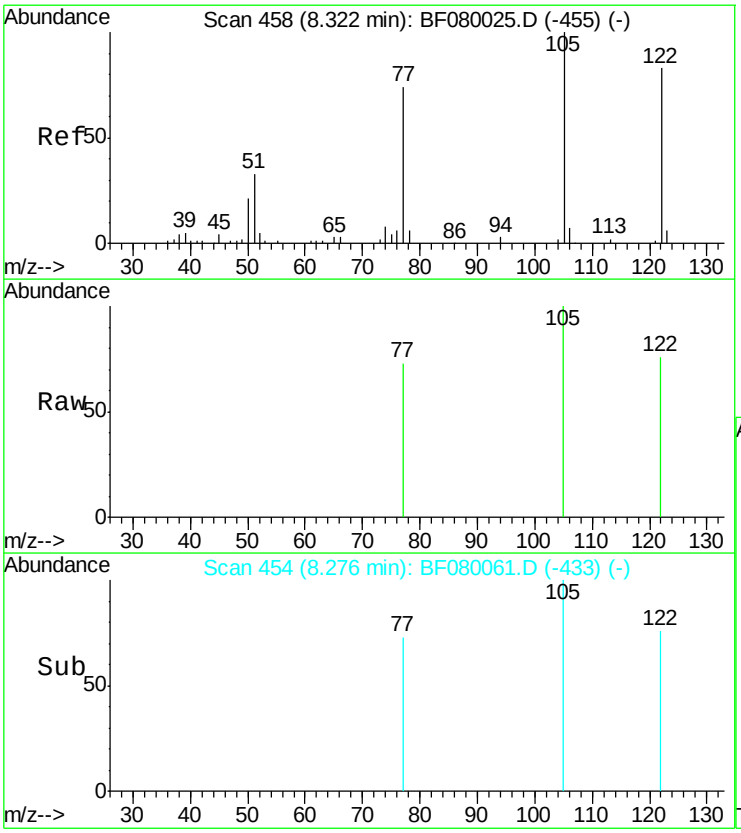
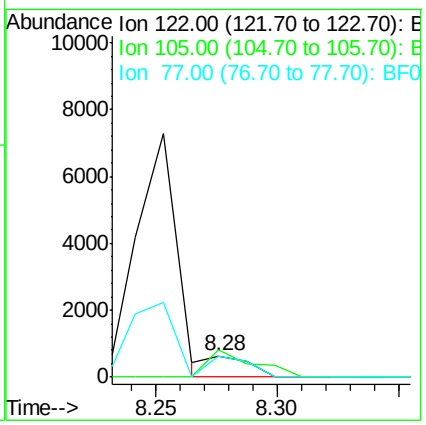
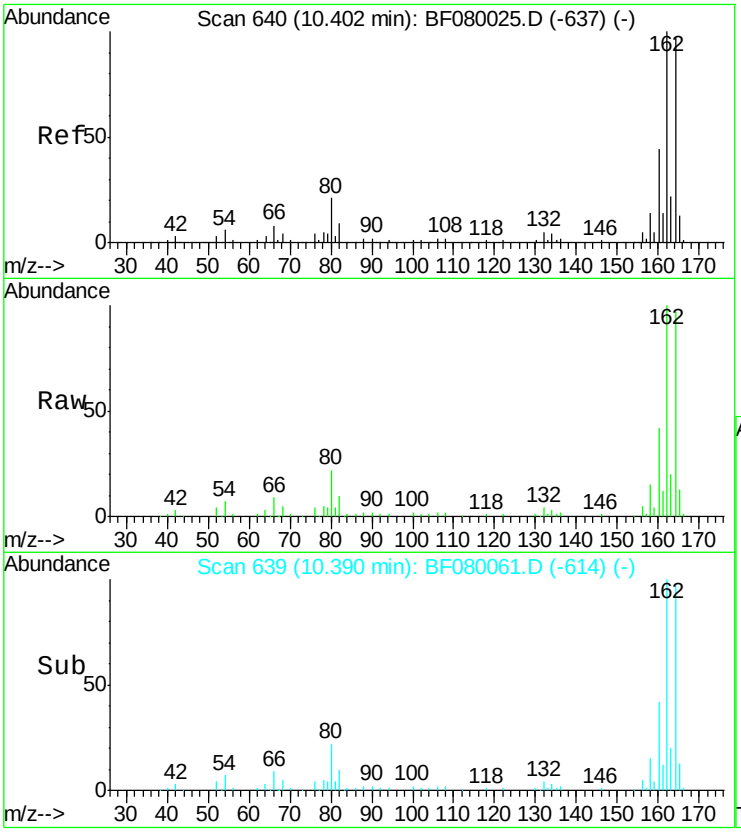


#32
Benzoic acid
Concen: 0.48 ng m
RT: 8.28 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:122 Resp: 755

Ion	Ratio	Lower	Upper
122	100		
105	131.6	76.1	116.1#
77	96.5	40.5	80.5#

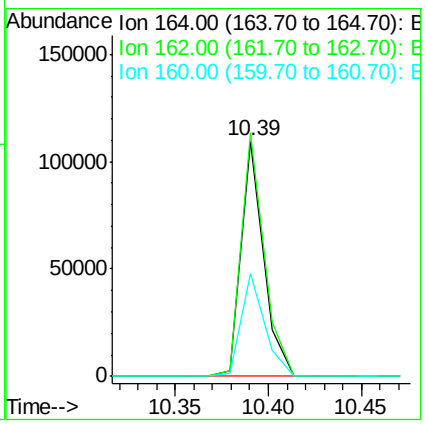




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:164 Resp: 92091

Ion	Ratio	Lower	Upper
164	100		
162	103.5	75.2	112.8
160	43.9	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

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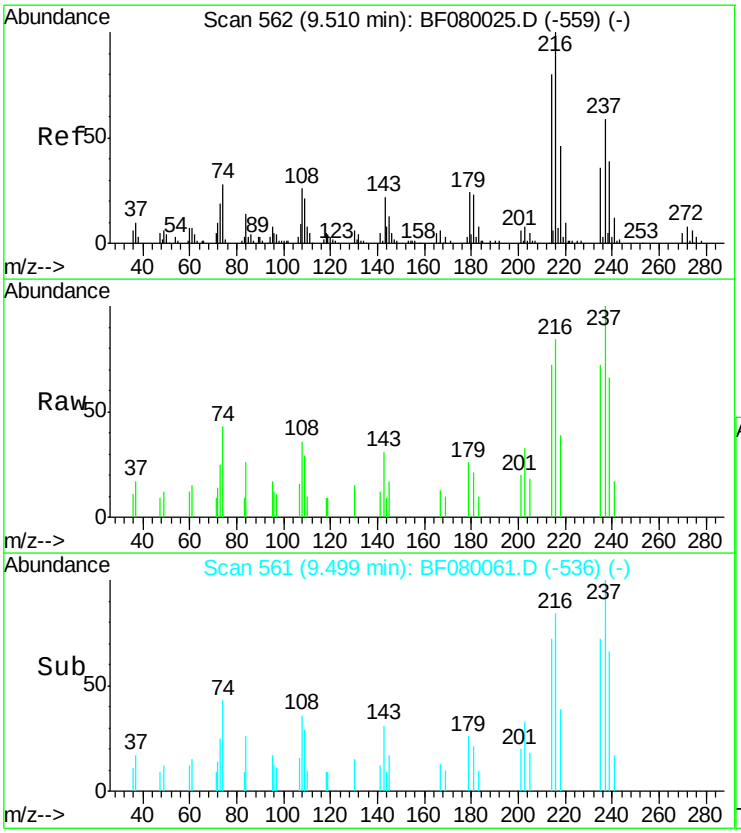
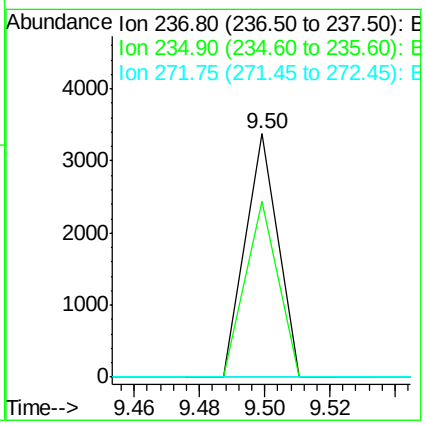
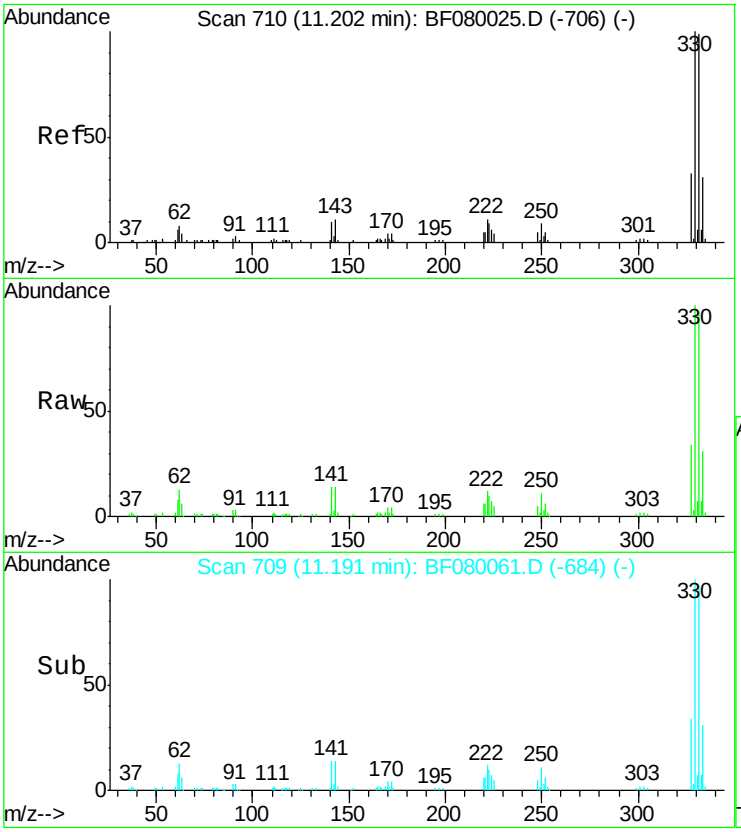


#40
Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 9.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:237 Resp: 2317

Ion	Ratio	Lower	Upper
237	100		
235	72.2	42.0	82.0
272	0.0	0.0	36.1

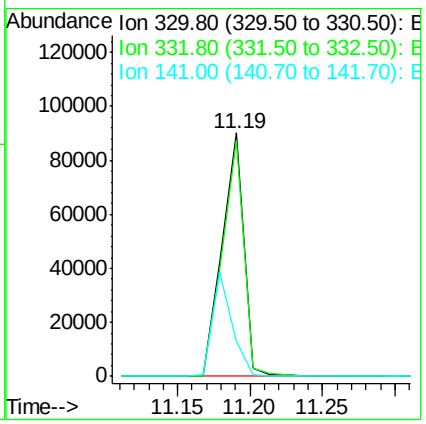




#41
2,4,6-Tribromophenol
Concen: 104.38 ng
RT: 11.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:330 Resp: 93993

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	38.4	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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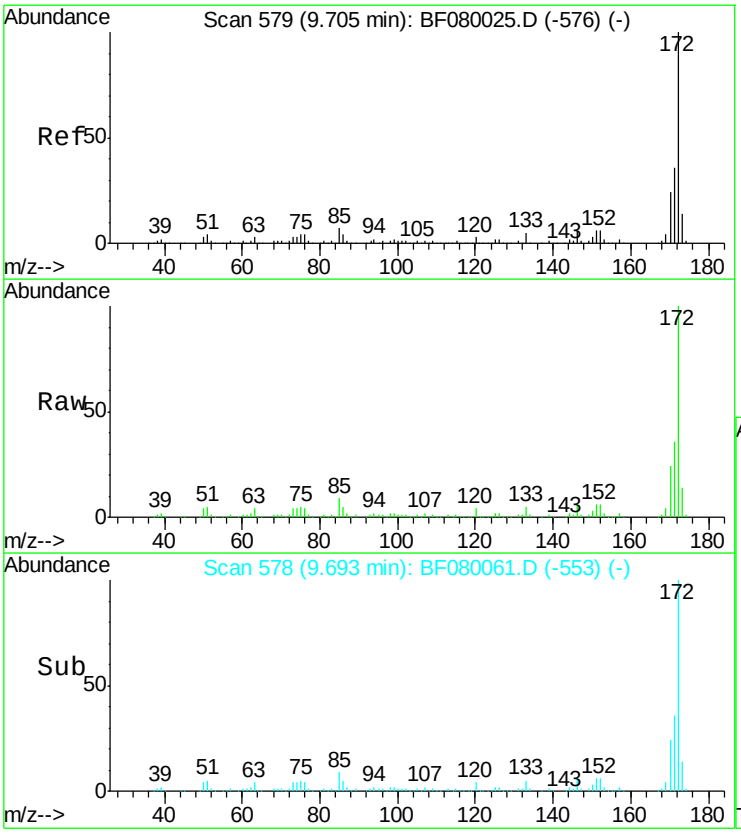
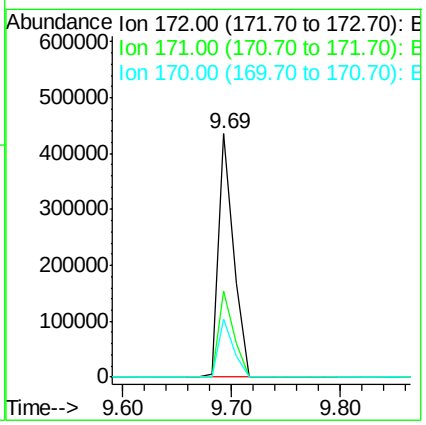
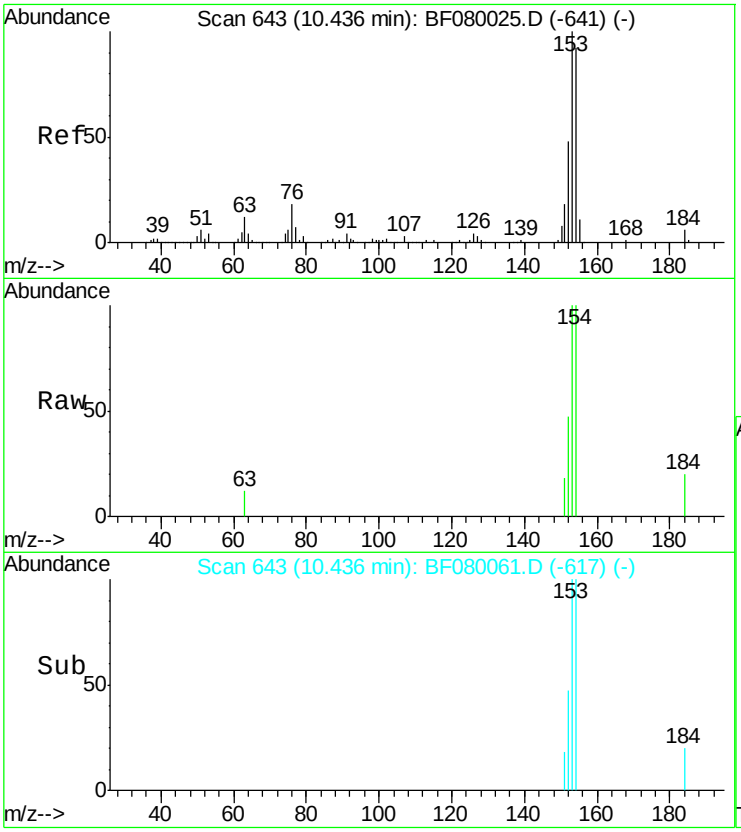


#44
2-Fluorobiphenyl
Concen: 65.16 ng
RT: 9.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:172 Resp: 420758

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.9	17.4	26.2





#53
2,4-Dinitrophenol
Concen: 6.43 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:184 Resp: 362

Ion	Ratio	Lower	Upper
184	100		
63	59.7	35.4	53.2#
154	503.6	32.2	48.4#

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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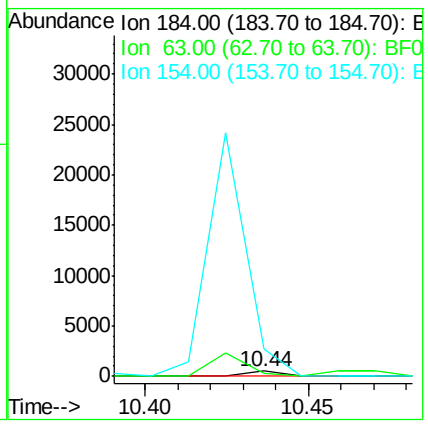
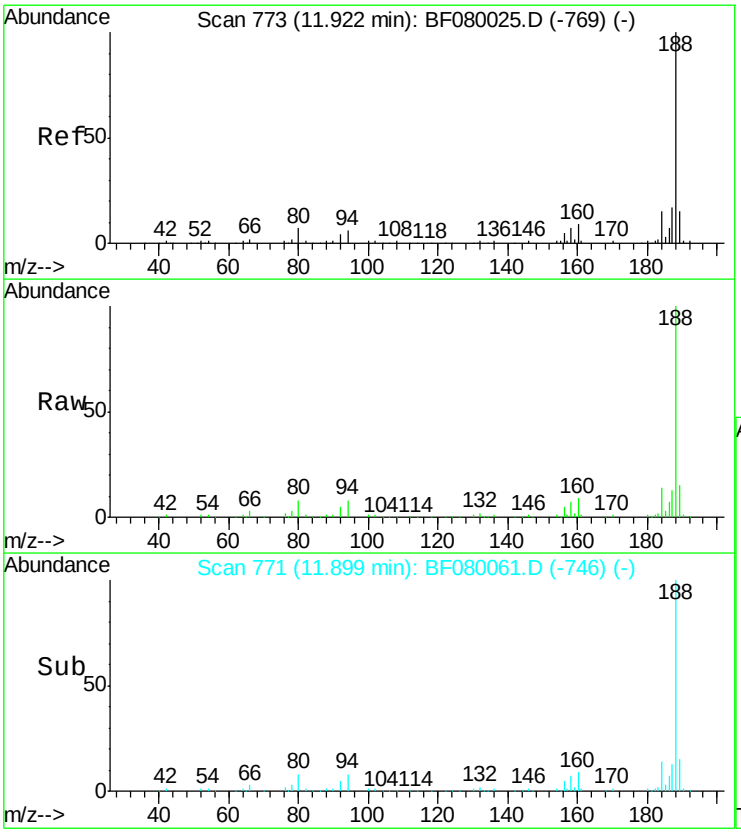
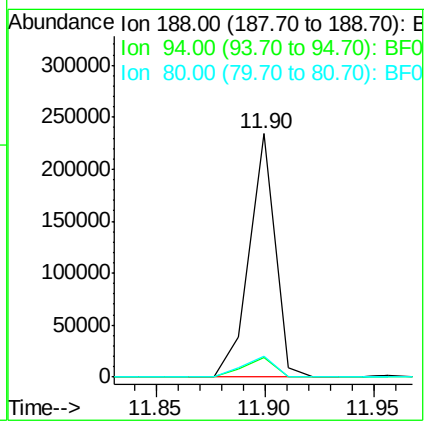


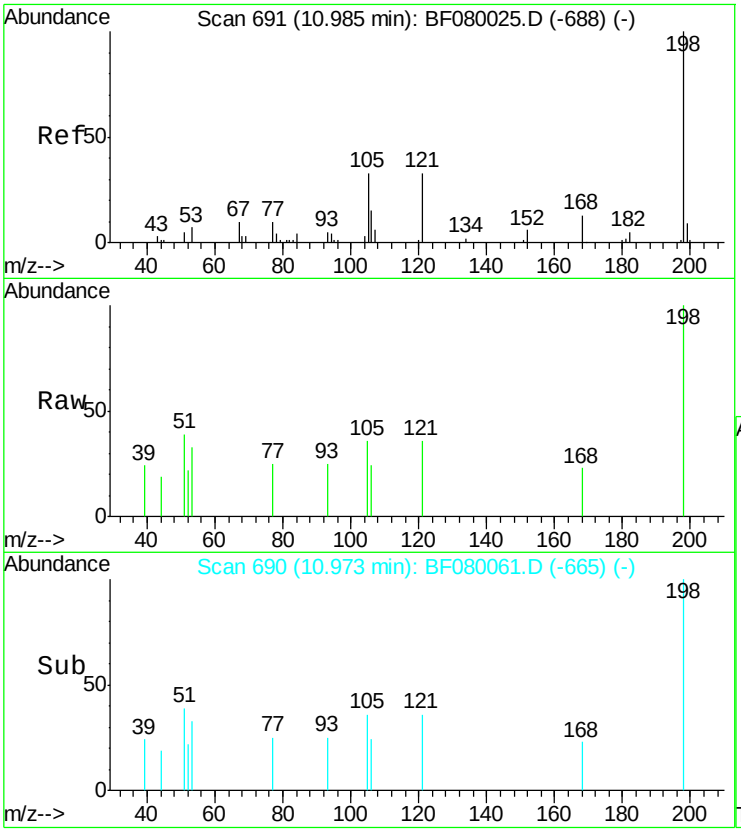


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:188 Resp: 194580

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	8.5	11.0	16.4#





#64
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:198 Resp: 1373

Ion	Ratio	Lower	Upper
198	100		
51	38.9	39.6	79.6#
105	36.0	28.5	68.5

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
apatel
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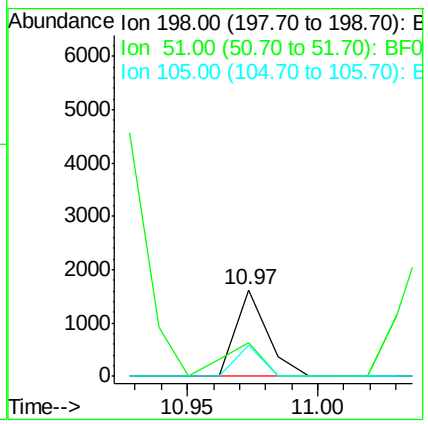
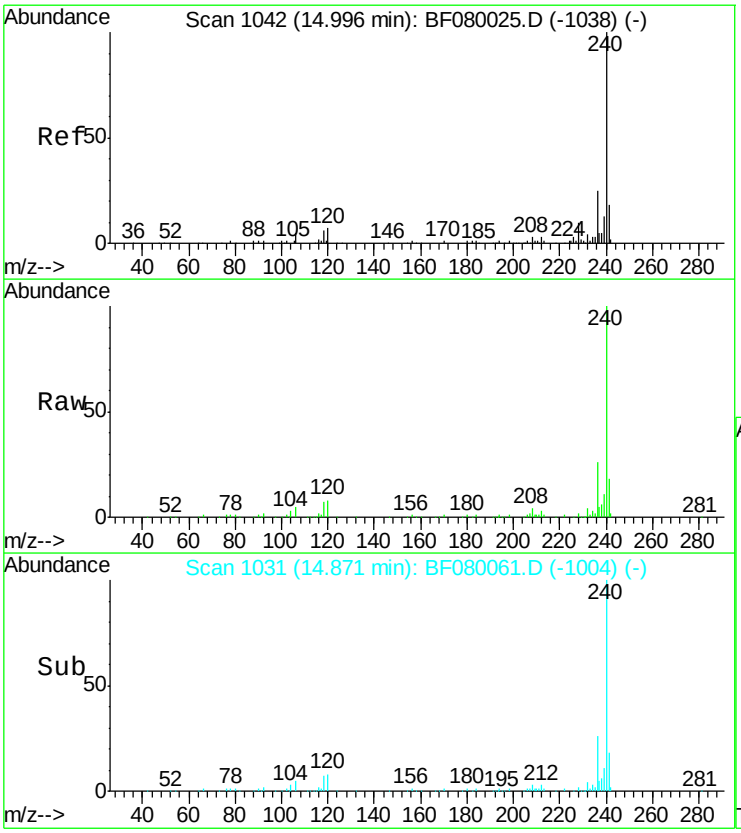
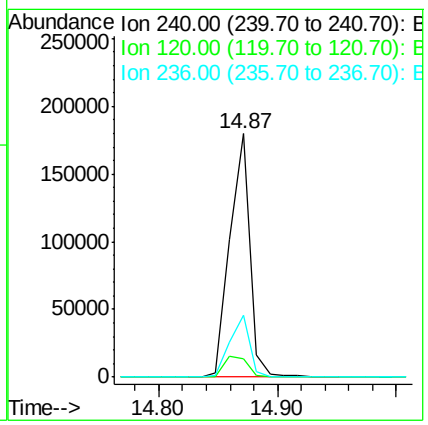


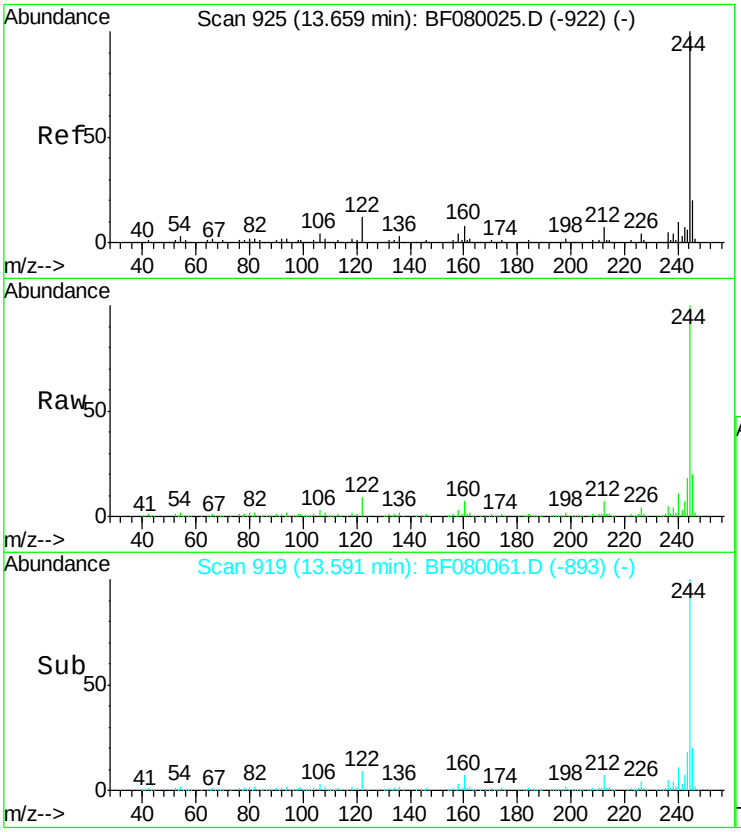


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:240 Resp: 209372

Ion	Ratio	Lower	Upper
240	100		
120	7.6	16.2	24.2#
236	25.6	18.4	27.6

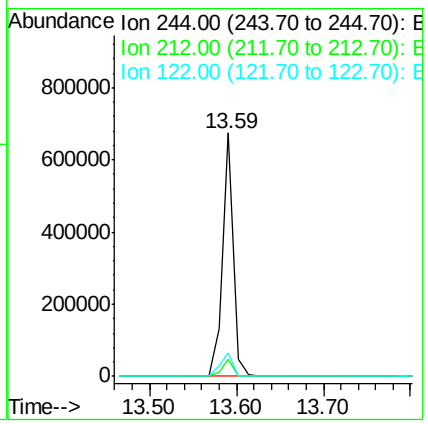




#78
Terphenyl-d14
Concen: 66.11 ng
RT: 13.59 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

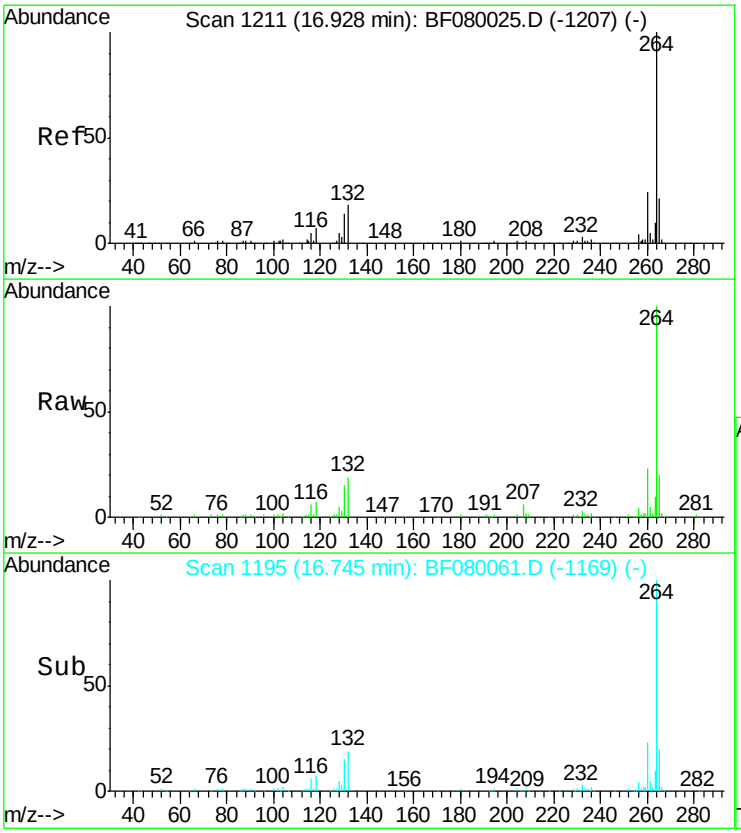
Tgt Ion:244 Resp: 592707

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	9.5	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
apatel
6/22/2015 2:40:24 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.75 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF080061.D
Acq: 19 Jun 2015 17:00

Tgt Ion:264 Resp: 200494

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	20.3	17.2	25.8