Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091915.D
Acq On : 23 Dec 2016 9:36
Operator : UM/SJ
Sample : H6200-07RE
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
SOHIL
12/23/2016 5:54:01 PM

Quant Time: Dec 23 12:25:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184137	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	437297	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	288350	20.00	ng		0.02
63) Phenanthrene-d10	11.29	188	376521	20.00	ng		0.02
75) Chrysene-d12	13.91	240	290965	20.00	ng		0.00
86) Perylene-d12	15.31	264	288648	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1446340	131.15	ng		0.07
7) Phenol-d6	6.49	99	811991	60.31	ng		0.08
23) Nitrobenzene-d5	7.32	82	1263376	160.65	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	294889	123.58	ng		0.02
44) 2-Fluorobiphenyl	9.14	172	1750350	131.42	ng		0.02
78) Terphenyl-d14	12.87	244	1166779	97.25	ng		0.01
Target Compounds							Qvalue
31) Naphthalene	8.06	128	326740	16.33	ng	#	80
37) 2-Methylnaphthalene	8.80	142	457057m	34.81	ng		
45) 1,1'-Biphenyl	9.24	154	152760	7.74	ng		98
57) Fluorene	10.35	166	50228	3.14	ng	#	55
70) Phenanthrene	11.31	178	63631	3.12	ng	#	66
77) Pyrene	12.72	202	46541	2.18	ng	#	92
83) Bis(2-ethylhexyl)phthalate	13.89	149	931017	81.42	ng		99

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

Quantitation Report (QT Reviewed)

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Sample : H6200-07RE
Misc :
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Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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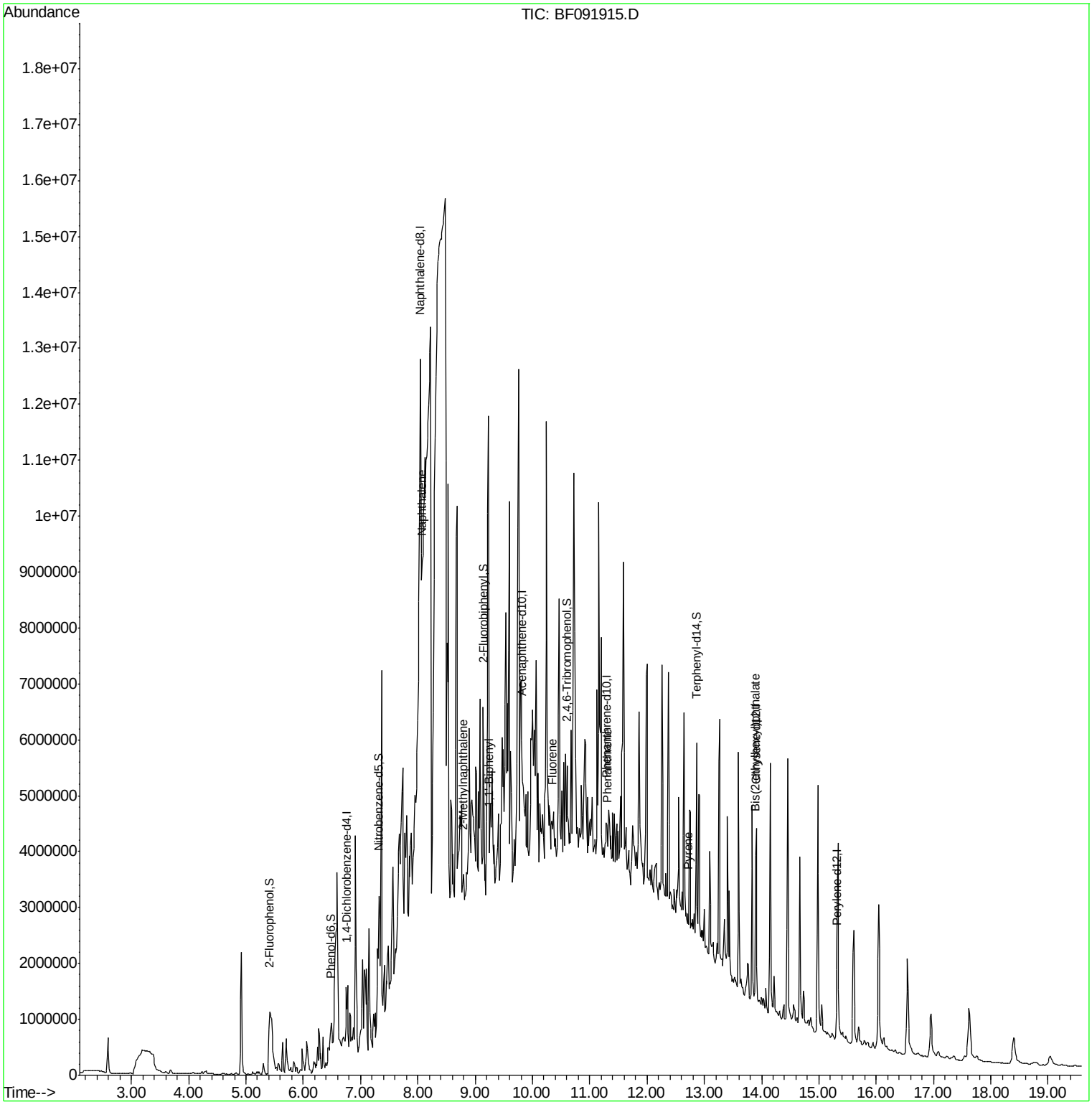
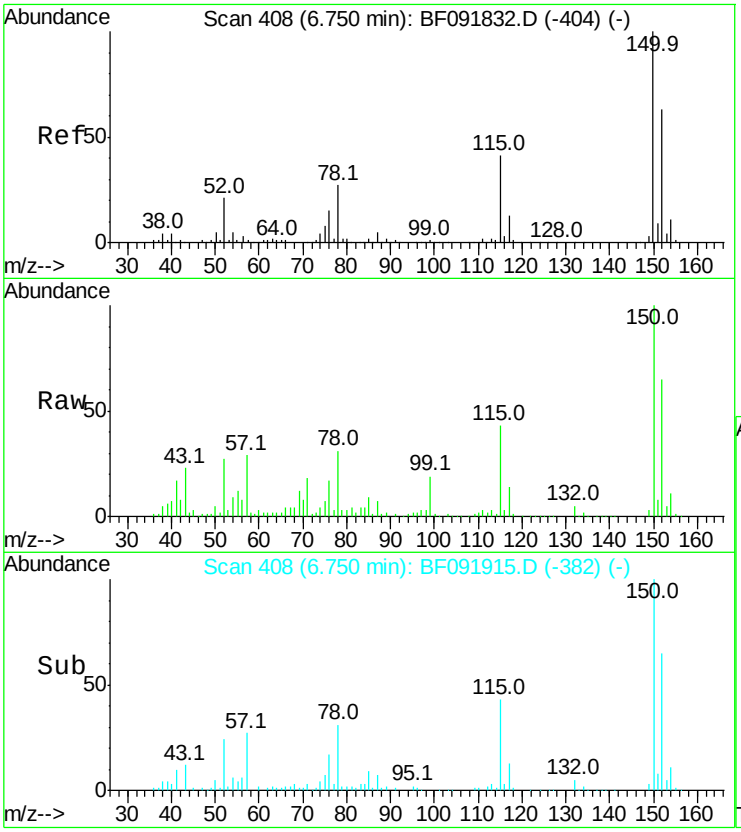
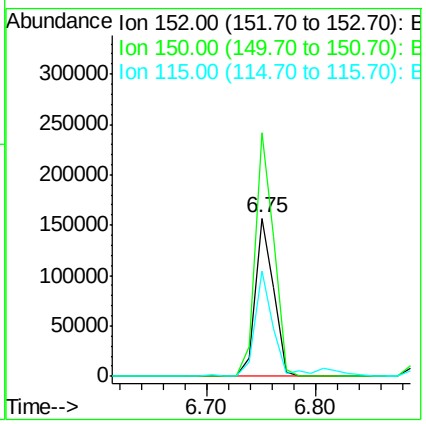




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:152 Resp: 184137

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.9	187.3
115	66.9	46.0	69.0



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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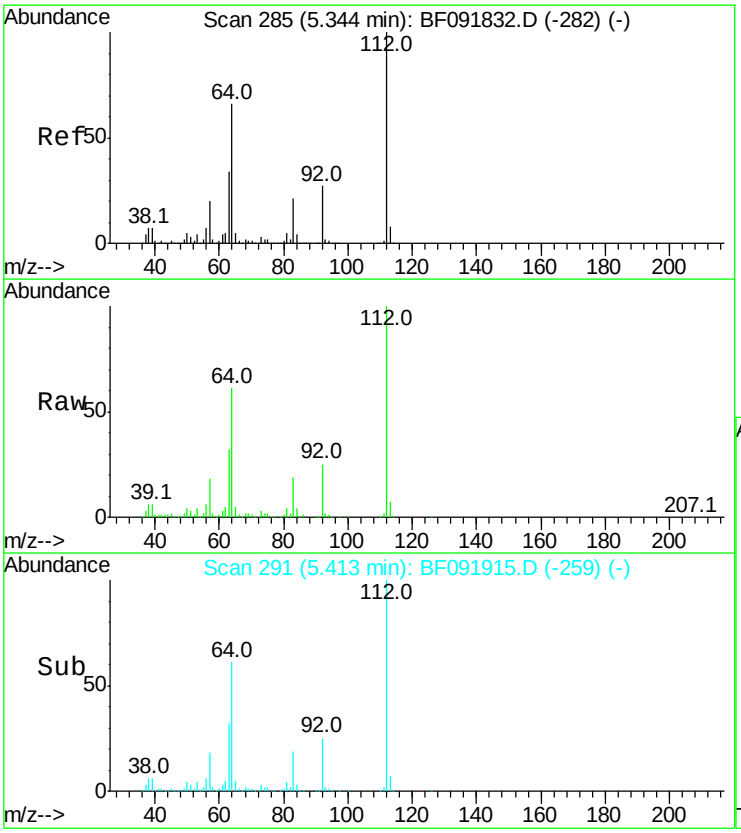
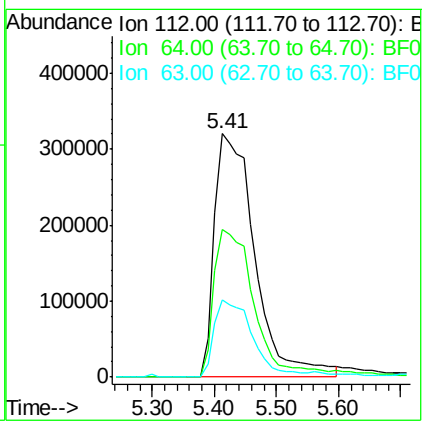
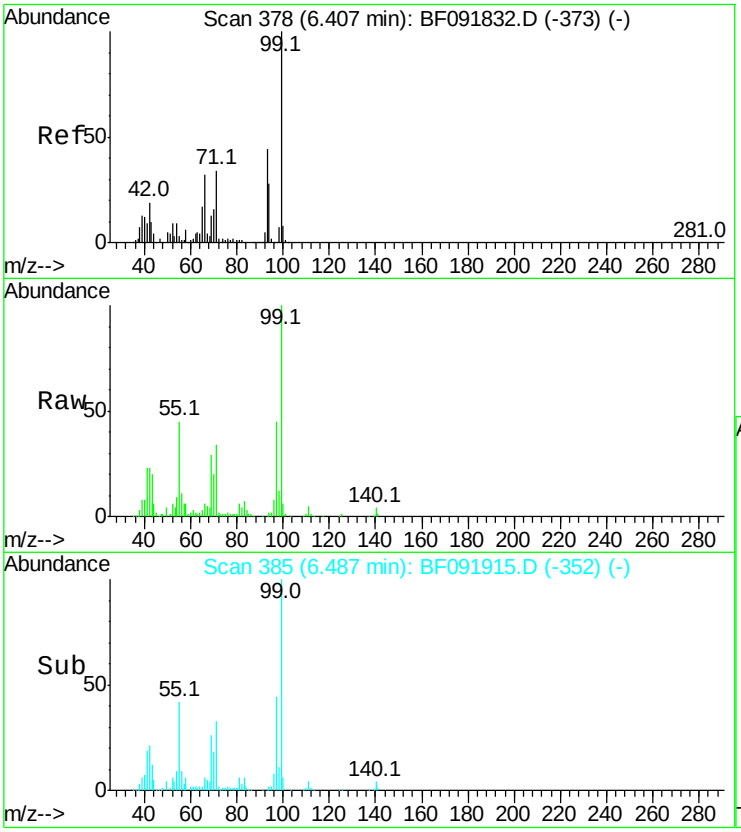


#5
2-Fluorophenol
Concen: 131.15 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:112 Resp: 1446340

Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.1	69.1
63	31.6	23.8	35.6

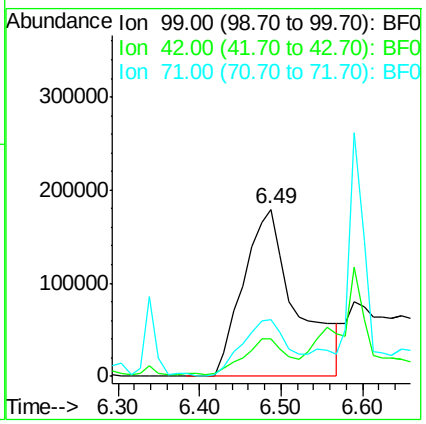




#7
Phenol-d6
Concen: 60.31 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.08 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion: 99 Resp: 811991

Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.6	23.4
71	33.7	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

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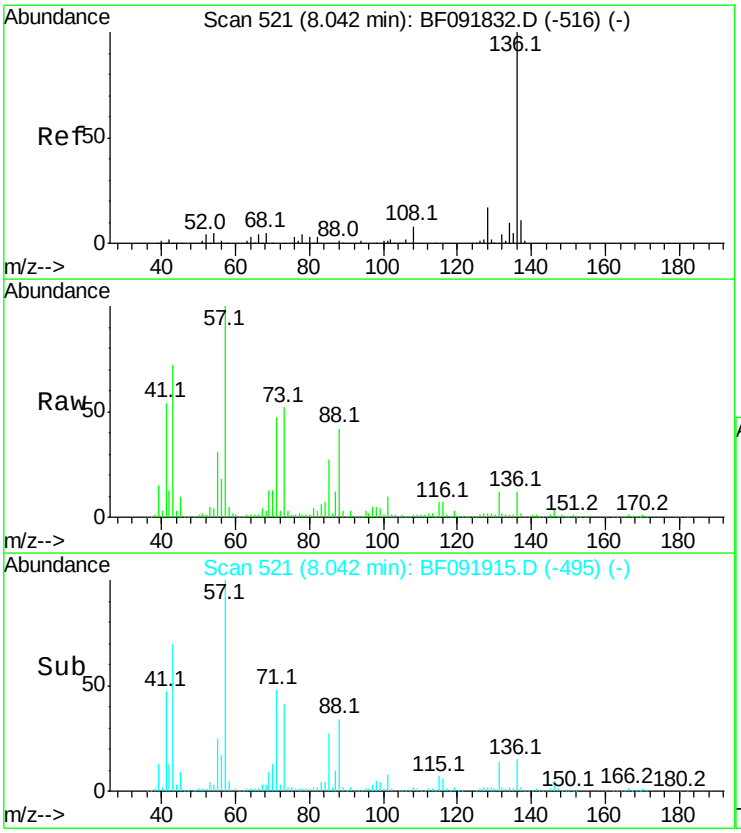
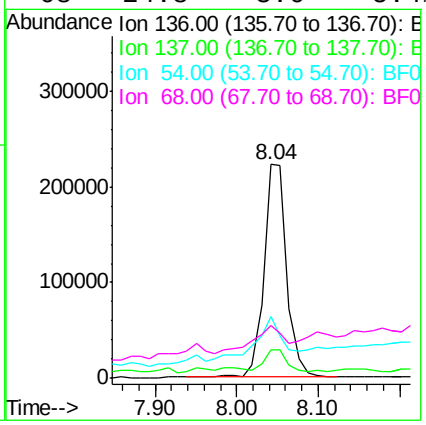
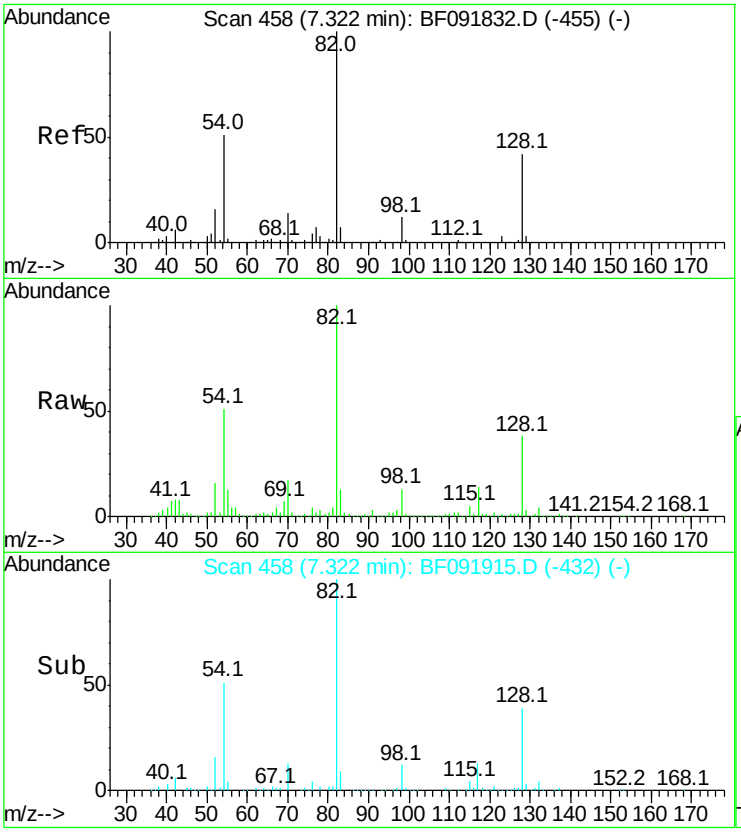


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:136 Resp: 437297

Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.4	12.6#
54	28.6	4.5	6.7#
68	24.8	3.6	5.4#

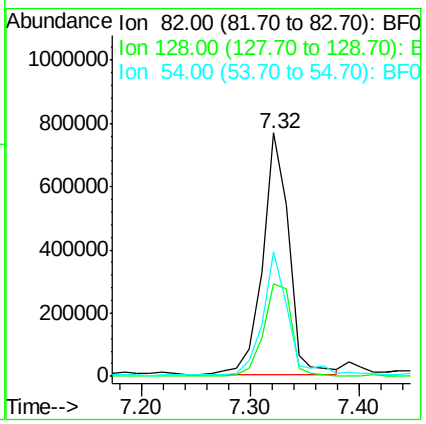




#23
Nitrobenzene-d5
Concen: 160.65 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion: 82 Resp: 1263376

Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.6	52.0
54	51.0	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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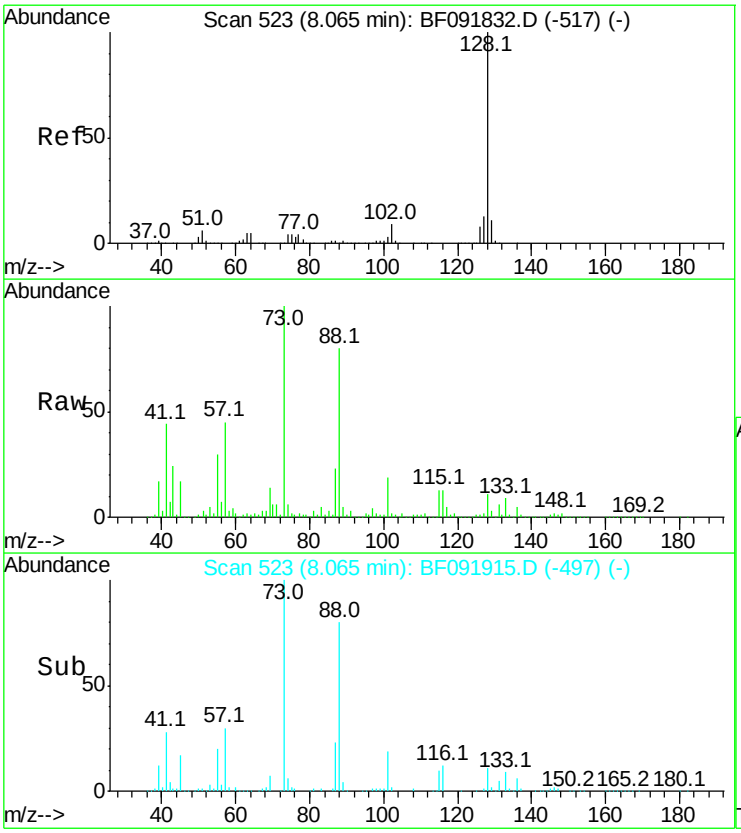
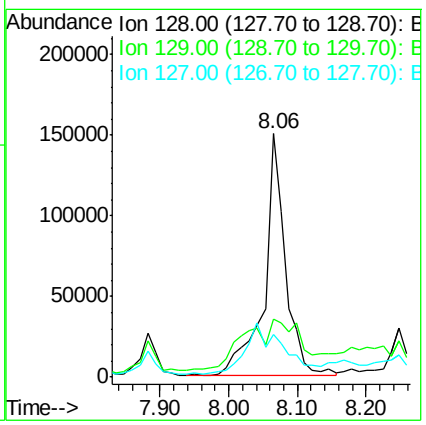
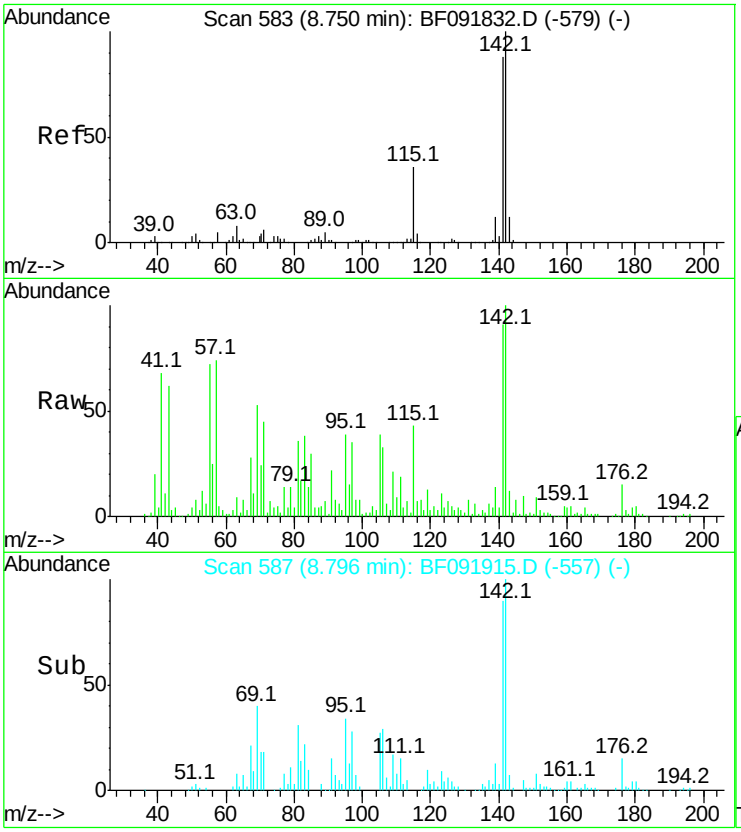


#31
Naphthalene
Concen: 16.33 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:128 Resp: 326740

Ion	Ratio	Lower	Upper
128	100		
129	23.9	9.5	14.3#
127	17.6	10.8	16.2#

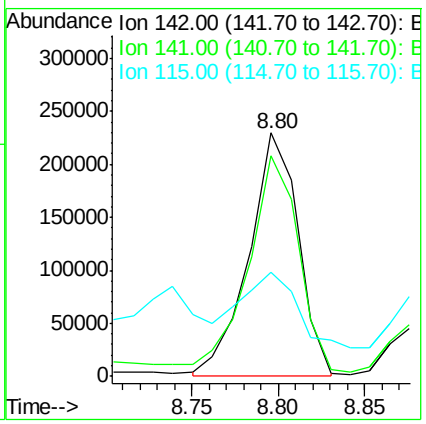




#37
2-Methylnaphthalene
Concen: 34.81 ng m
RT: 8.80 min Scan# 587
Delta R.T. 0.05 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:142 Resp: 457057

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.0	106.6
115	42.9	28.3	42.5#



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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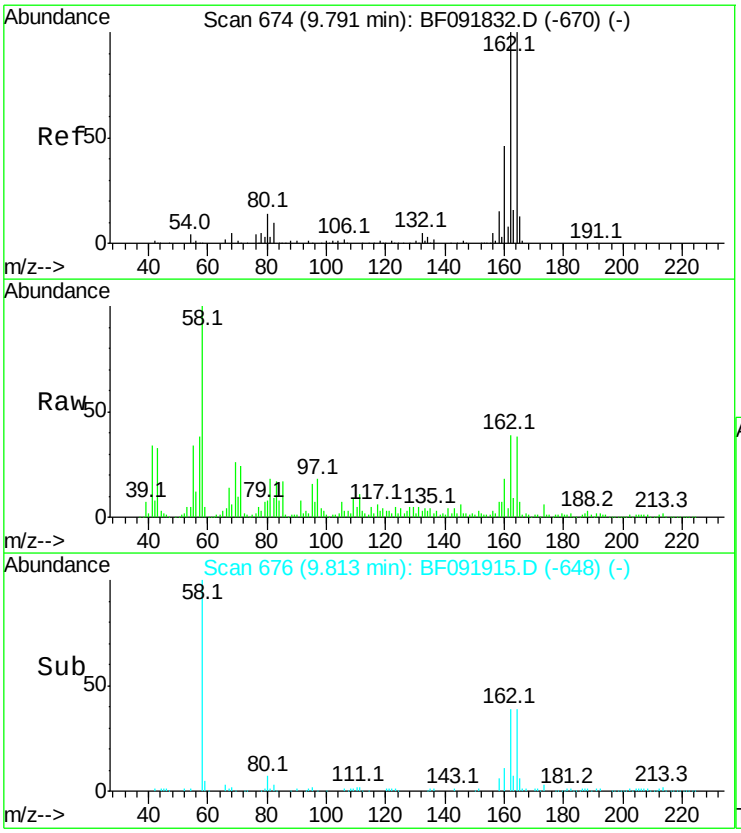
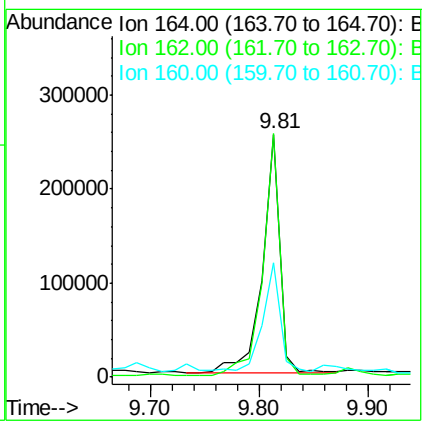
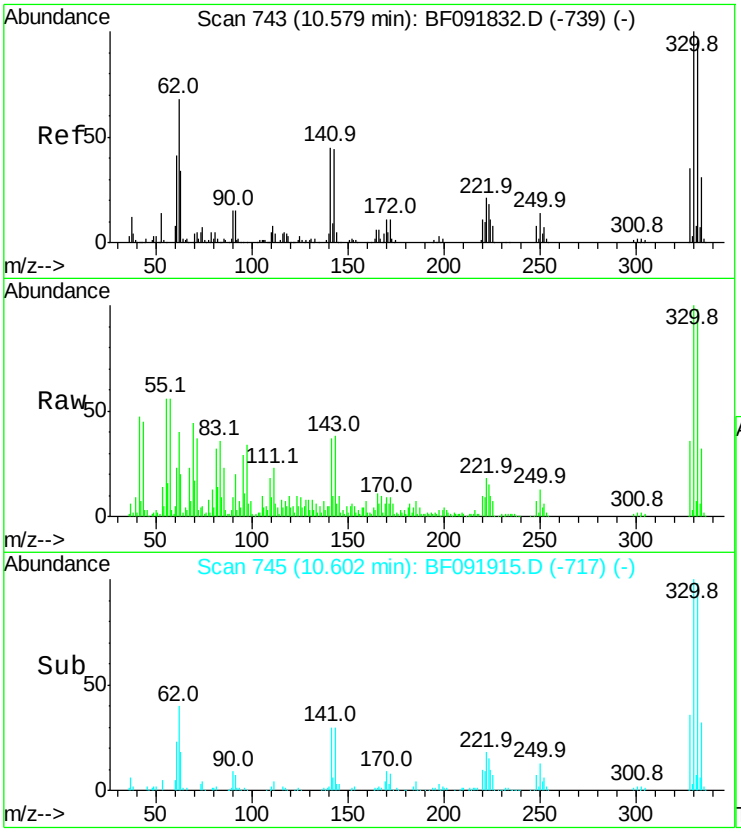


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:164 Resp: 288350

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	47.0	36.9	55.3

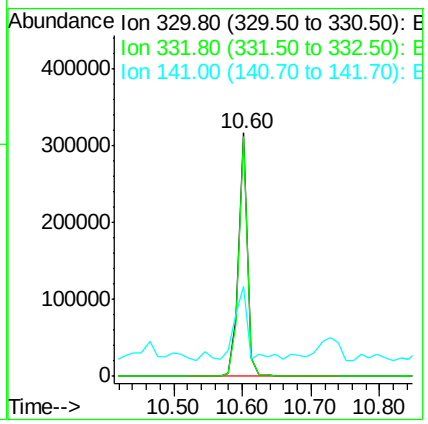




#41
2,4,6-Tribromophenol
Concen: 123.58 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:330 Resp: 294889

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	45.6	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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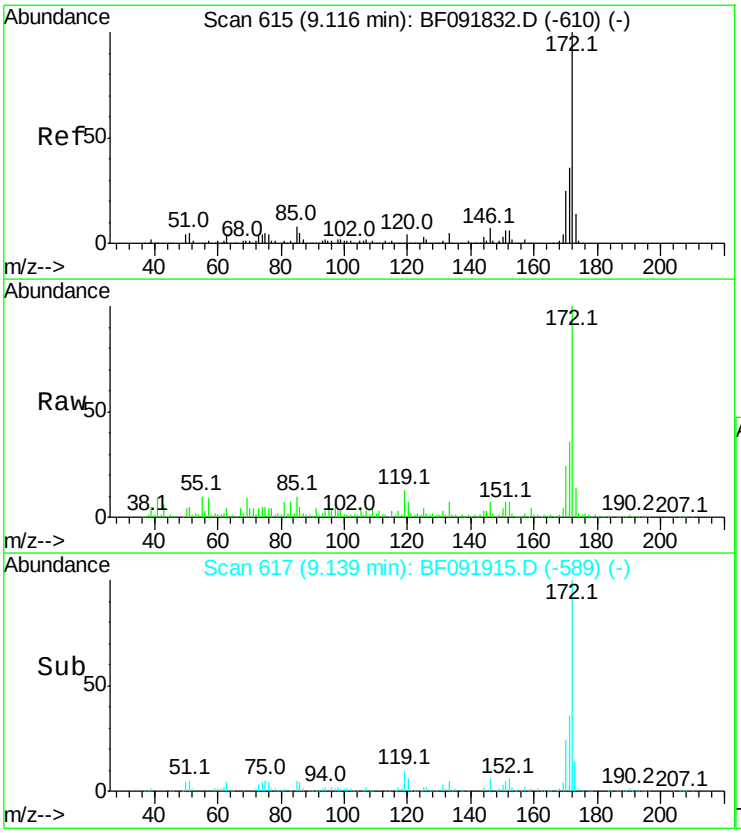
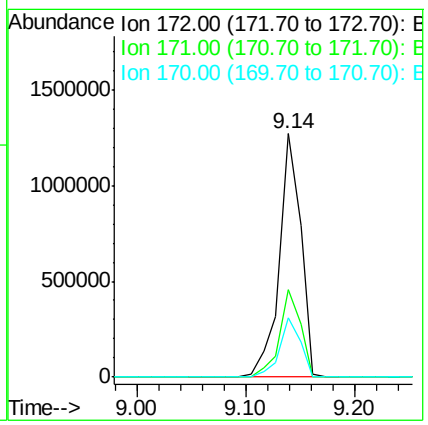
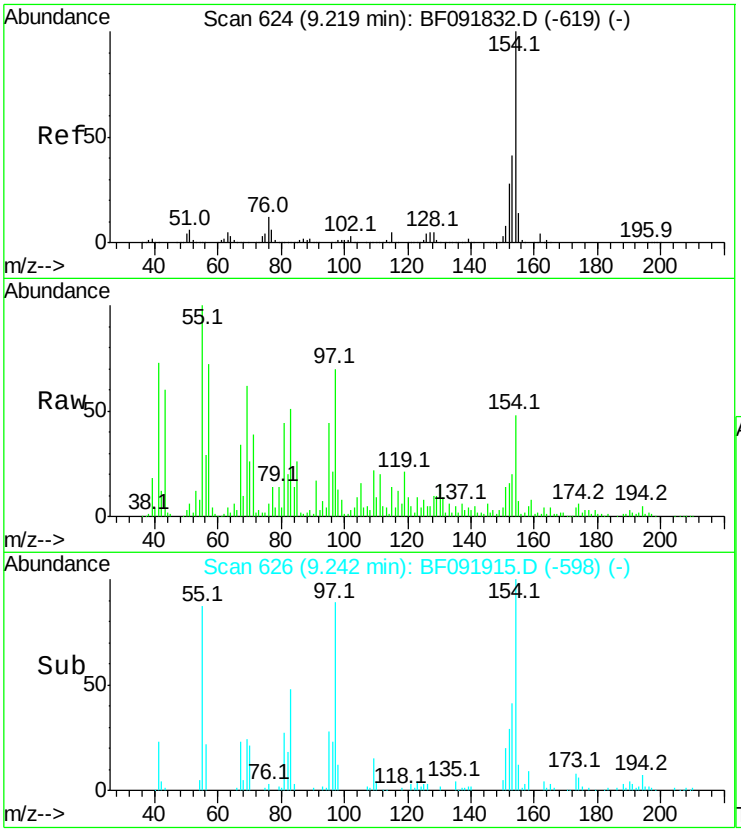


#44
2-Fluorobiphenyl
Concen: 131.42 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:172 Resp: 1750350

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4

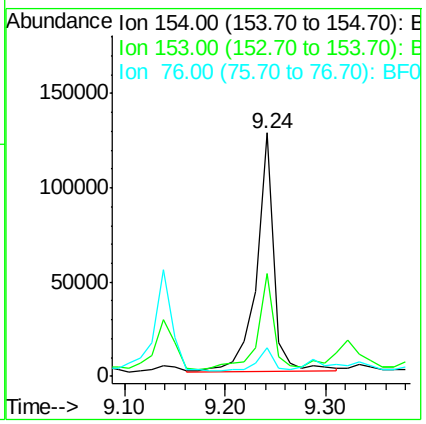




#45
1,1'-Biphenyl
Concen: 7.74 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:154 Resp: 152760

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	11.5	0.0	30.5



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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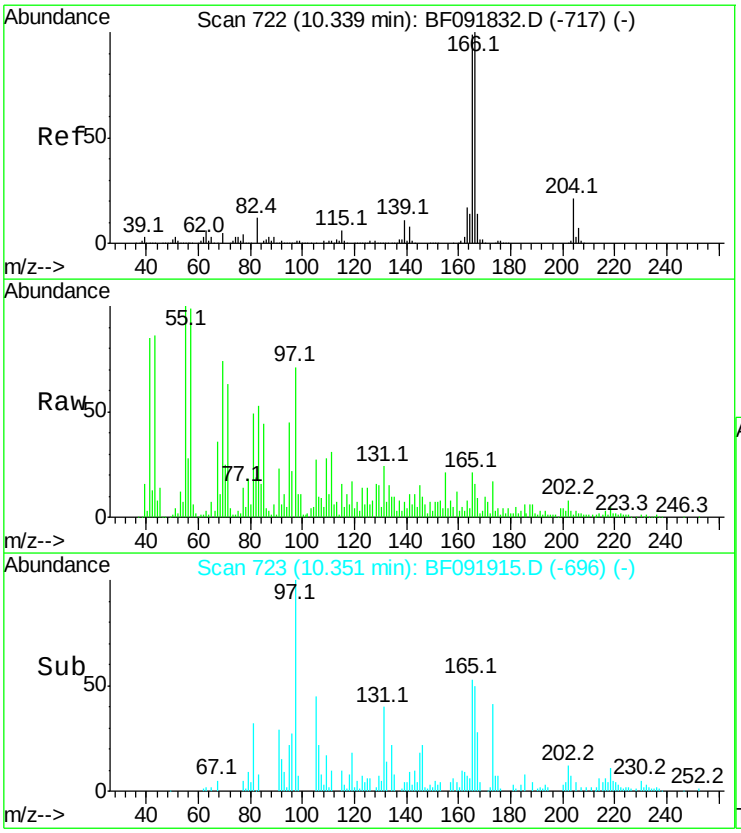
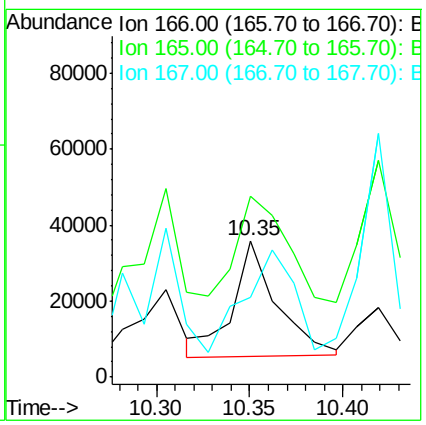
12/23/2016 5:54:01 PM

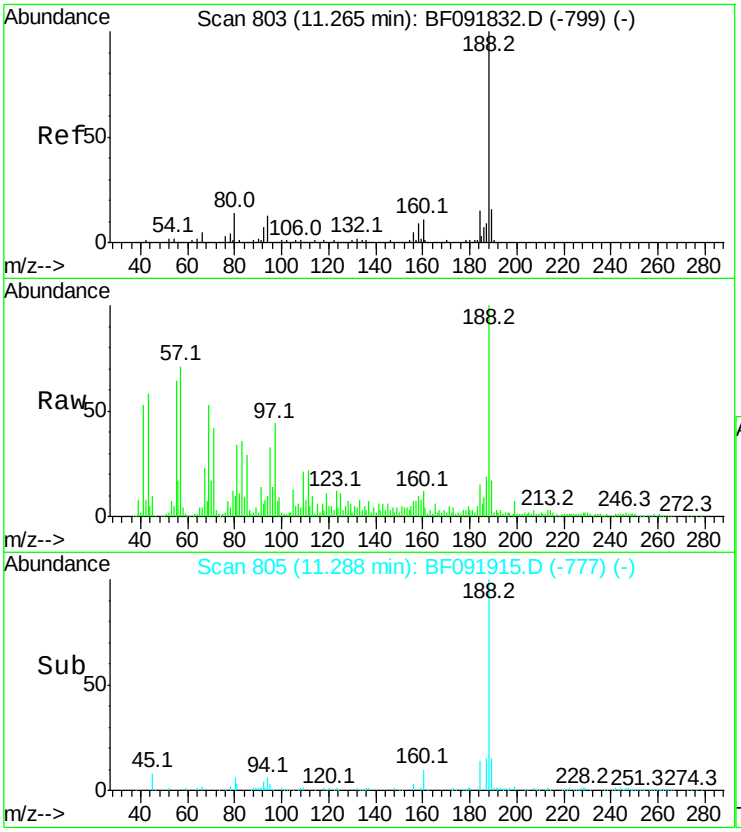


#57
Fluorene
Concen: 3.14 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:166 Resp: 50228

Ion	Ratio	Lower	Upper
166	100		
165	132.4	77.8	116.8#
167	58.8	10.8	16.2#

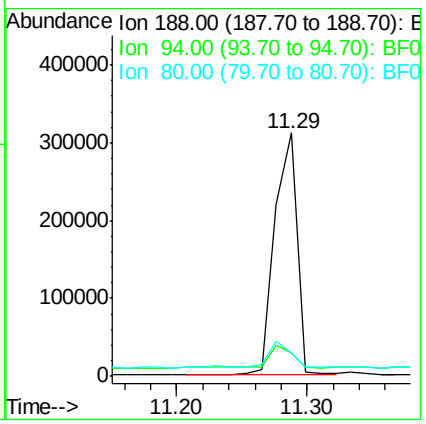




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.02 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:188 Resp: 376521

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	9.7	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

Manual Integrations APPROVED
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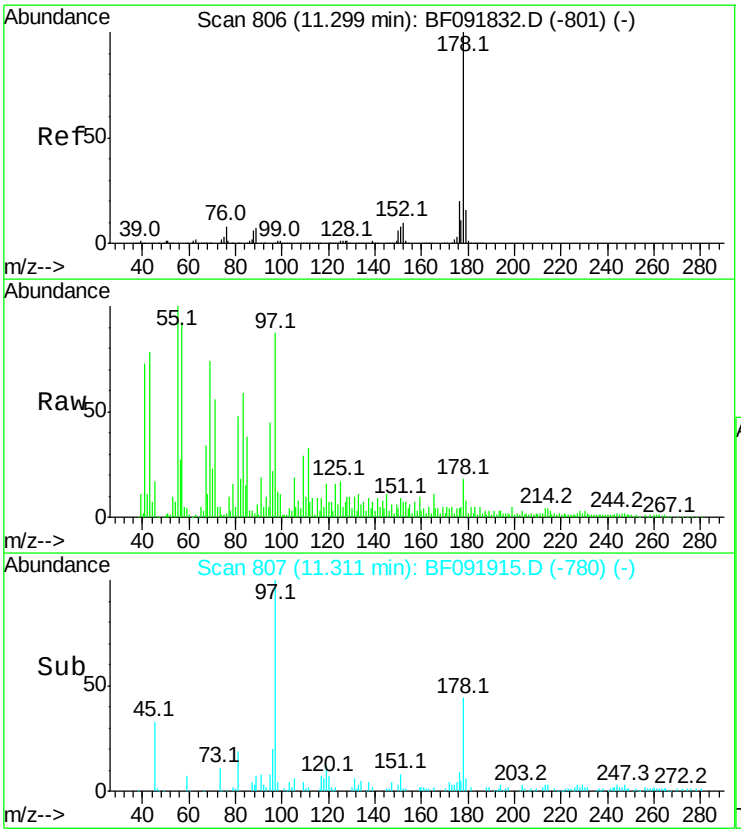
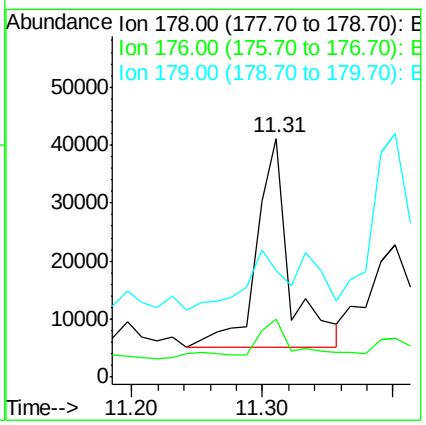
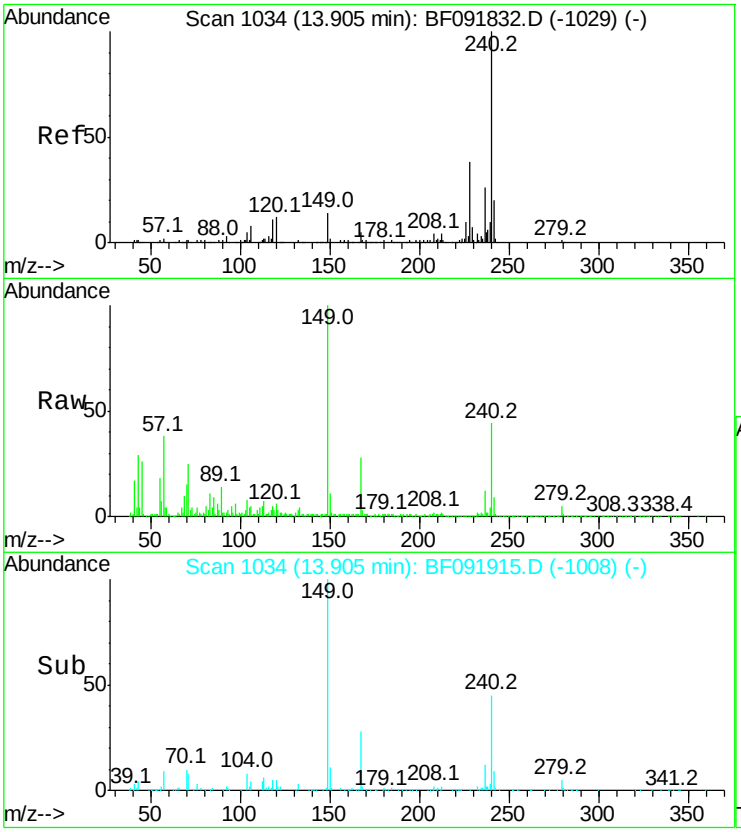


#70
Phenanthrene
Concen: 3.12 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:178 Resp: 63631

Ion	Ratio	Lower	Upper
178	100		
176	24.3	16.6	25.0
179	44.7	12.8	19.2#

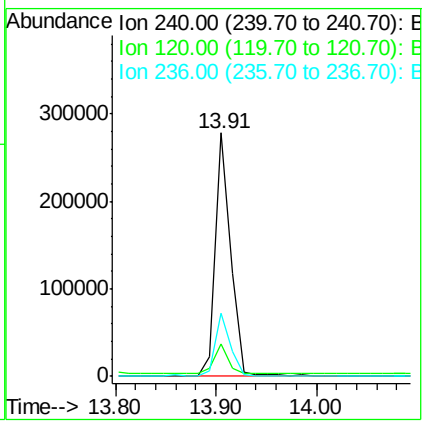




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

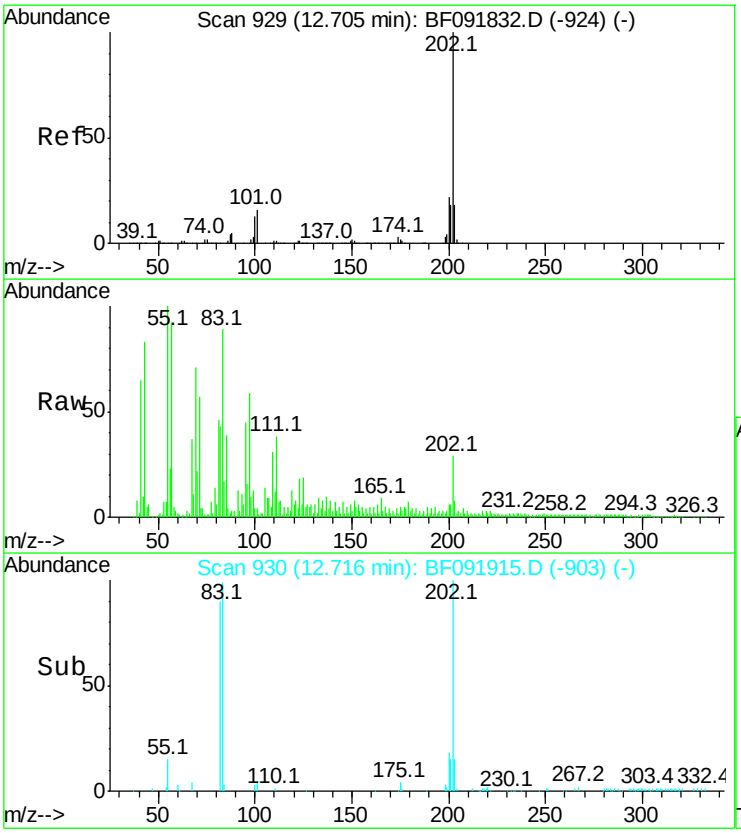
Tgt Ion:240 Resp: 290965

Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.9	19.3
236	26.2	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

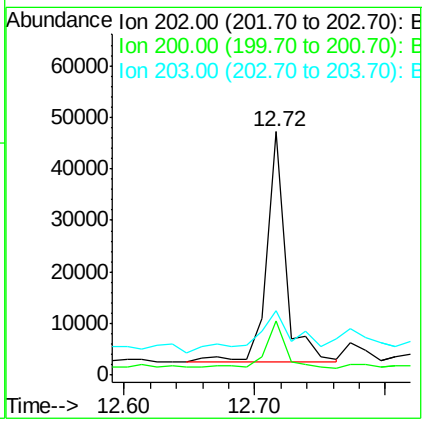
Manual Integrations APPROVED
SOHIL
12/23/2016 5:54:01 PM

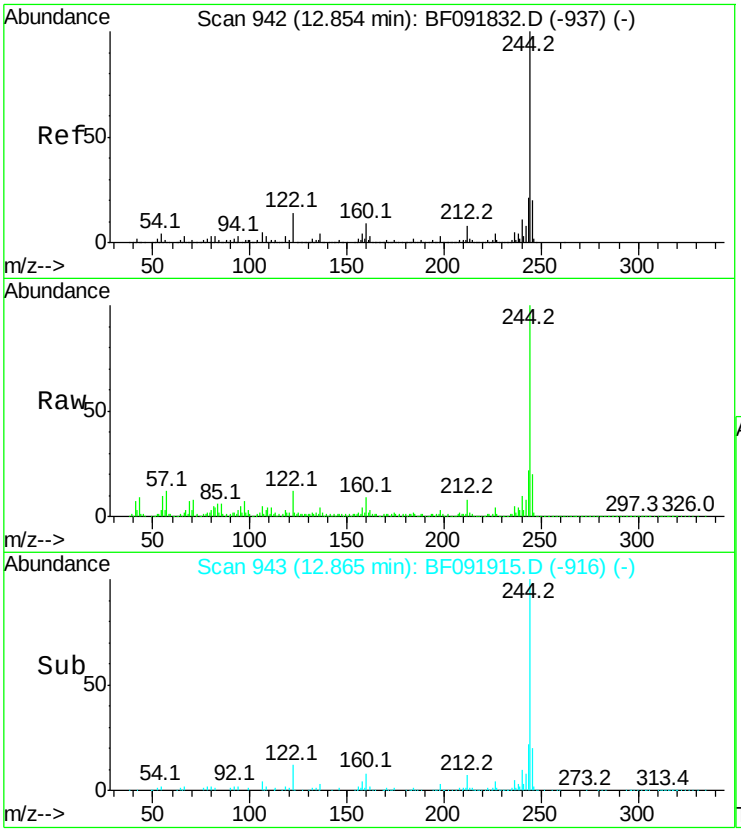


#77
Pyrene
Concen: 2.18 ng
RT: 12.72 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:202 Resp: 46541

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	26.3	14.7	22.1#

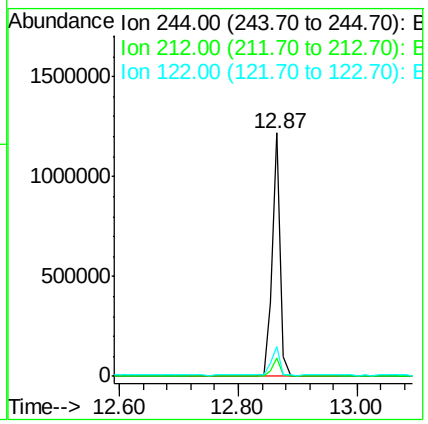




#78
Terphenyl-d14
Concen: 97.25 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:244 Resp: 1166779

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.3	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMPRE

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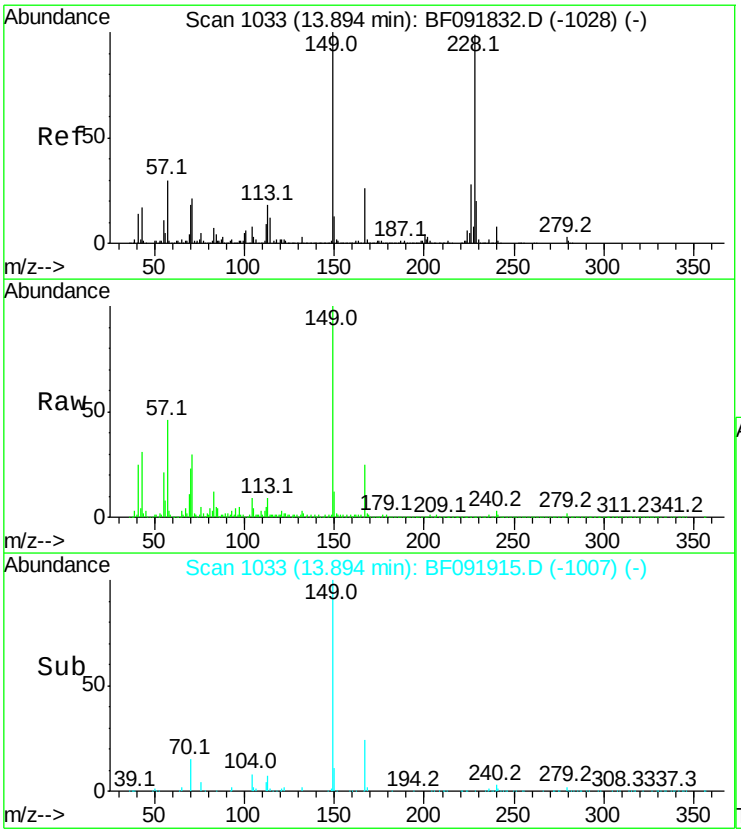
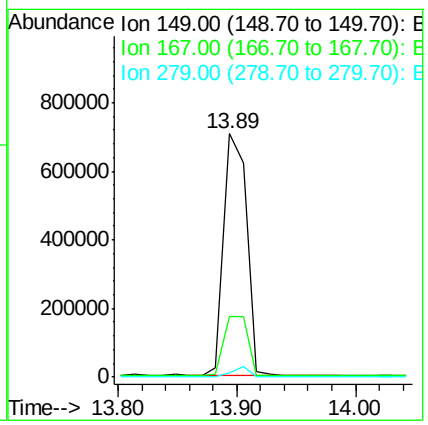
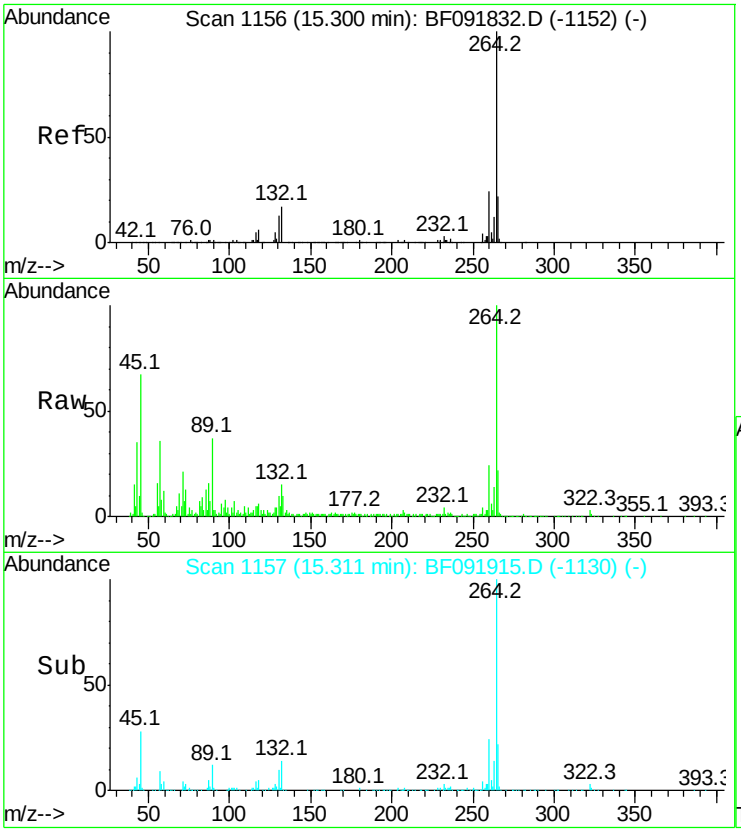


#83
Bis(2-ethylhexyl)phthalate
Concen: 81.42 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:149 Resp: 931017

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.2	30.4
279	1.9	1.8	2.8

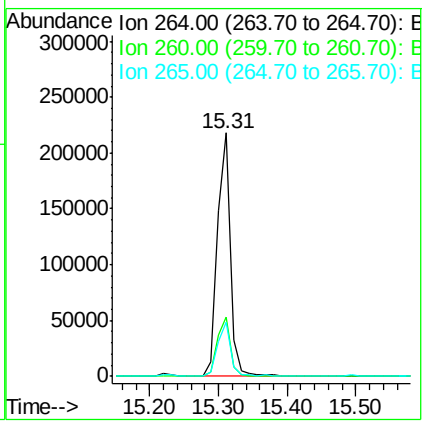




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF091915.D
Acq: 23 Dec 2016 9:36

Tgt Ion:264 Resp: 288648

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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