Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082901.D
Acq On : 13 Nov 2015 17:03
Operator : UM/IZ
Sample : G4398-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTEWATEREFF

Quant Time: Nov 14 04:38:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	190826	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	610221	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	340581	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	569076	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	371495	20.00	ng	-0.05
86) Perylene-d12	15.40	264	415851	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	749635	61.12	ng	-0.05
7) Phenol-d6	6.43	99	707501	43.39	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1347183	96.06	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	291665	74.69	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2083891	87.69	ng	-0.05
78) Terphenyl-d14	12.92	244	1575334	100.58	ng	-0.04
Target Compounds						Qvalue
10) Phenol	6.44	94	120790	6.53	ng	85
22) Acetophenone	7.21	105	39447	2.26	ng	95

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

Quantitation Report (LSC Reviewed)

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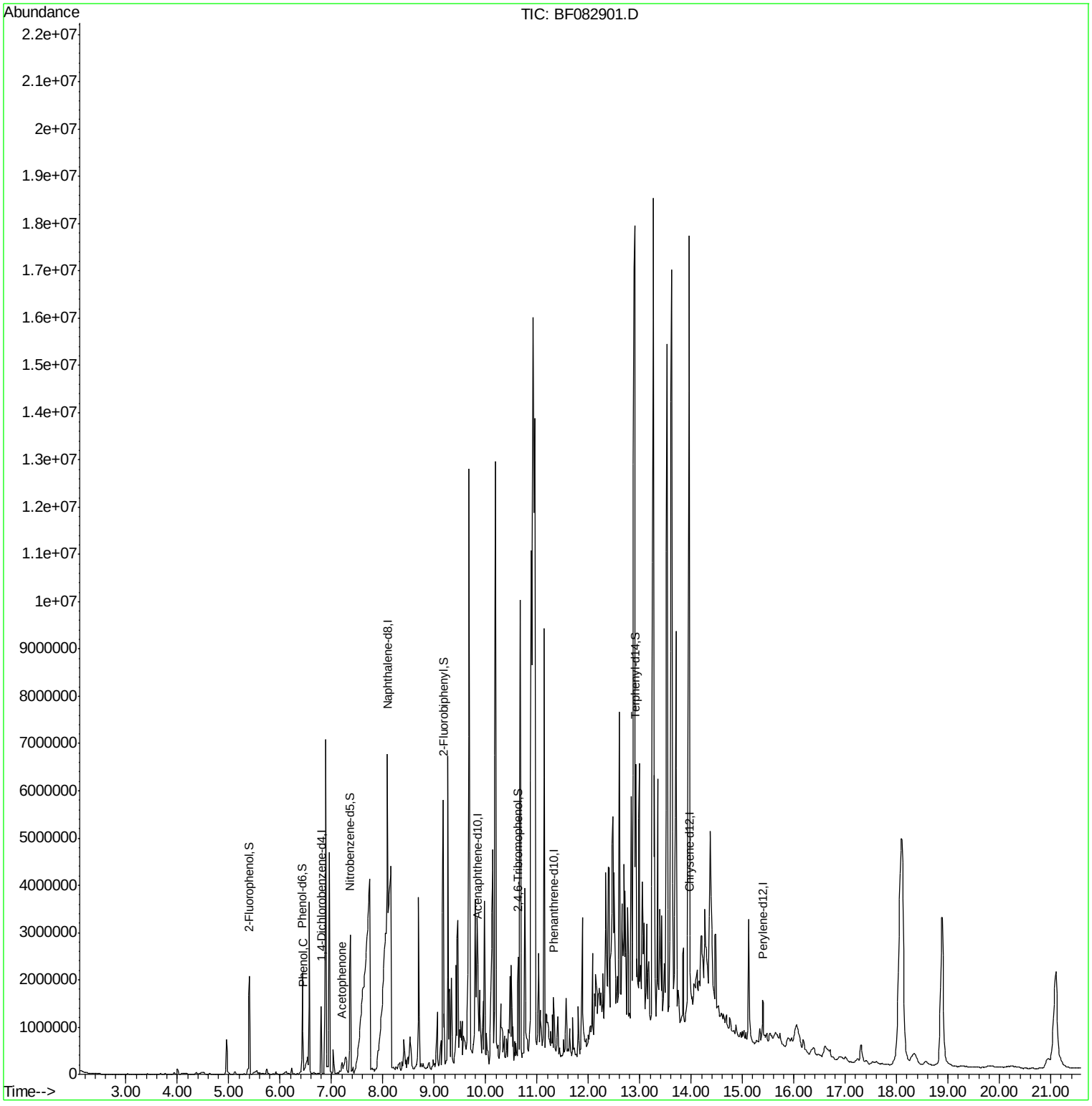
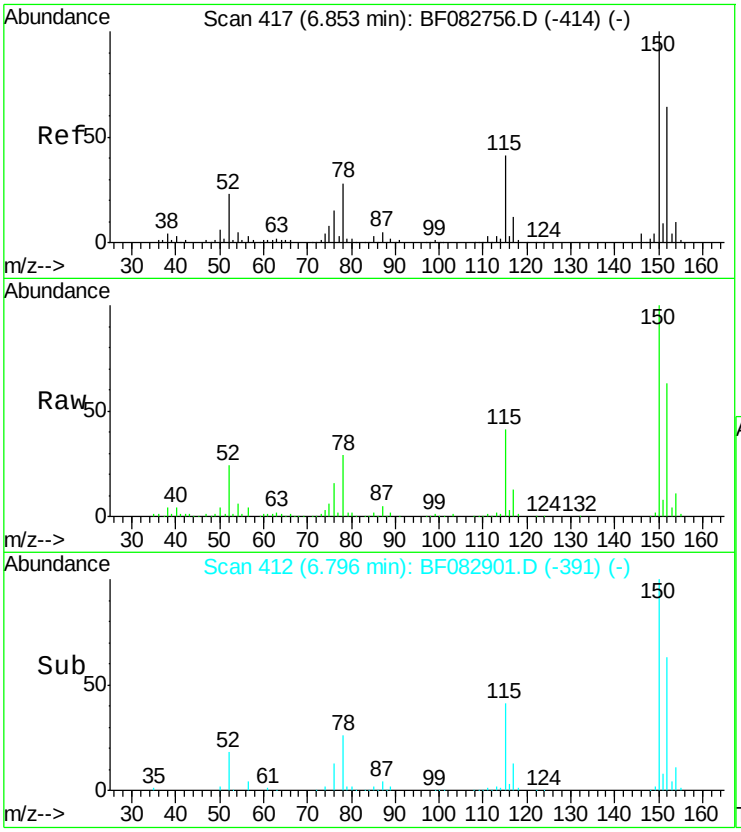


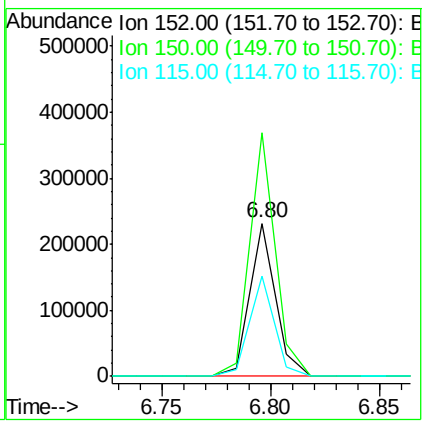


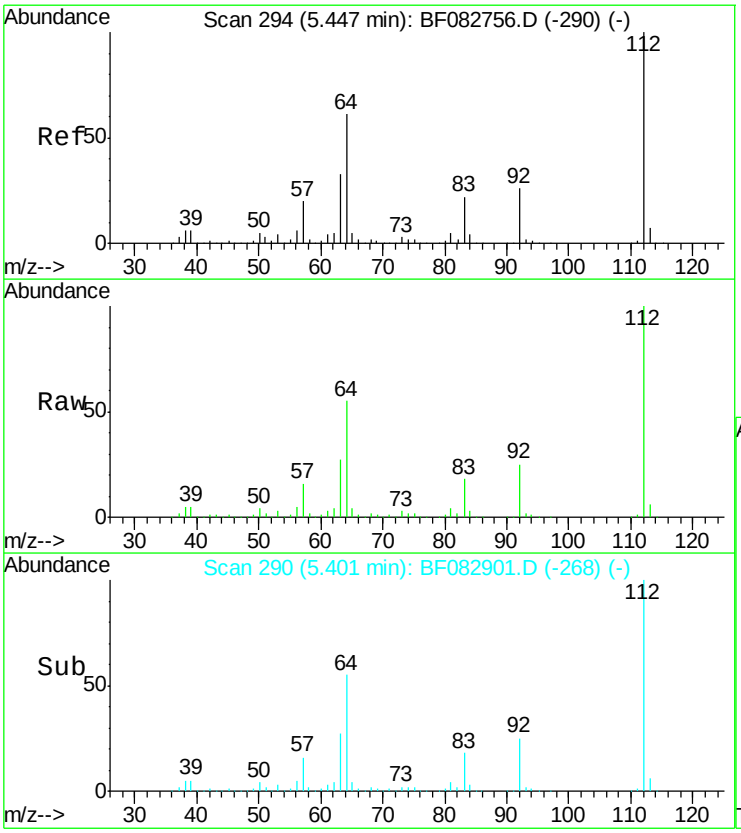
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion:152 Resp: 190826

Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.0	190.4
115	65.6	47.0	70.6

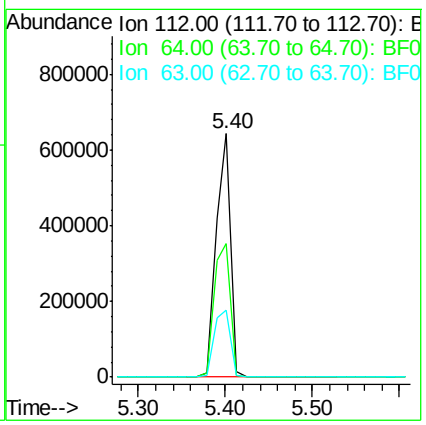


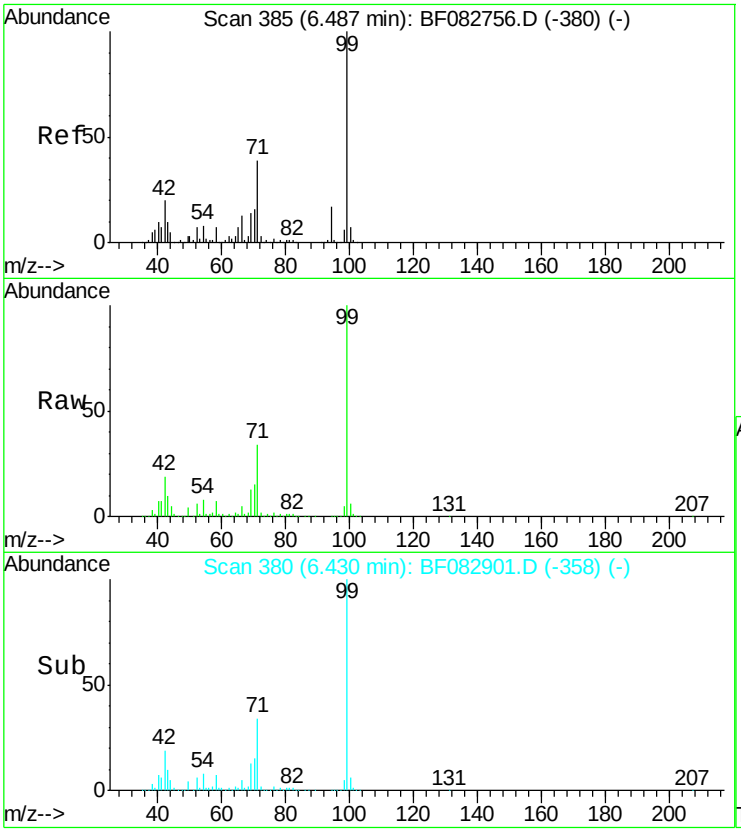


#5
2-Fluorophenol
Concen: 61.12 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:112 Resp: 749635

Ion	Ratio	Lower	Upper
112	100		
64	55.1	48.9	73.3
63	27.3	28.1	42.1#



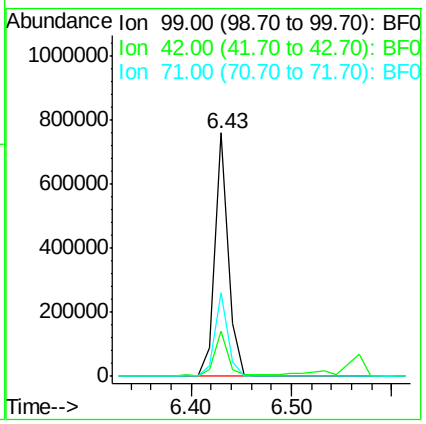


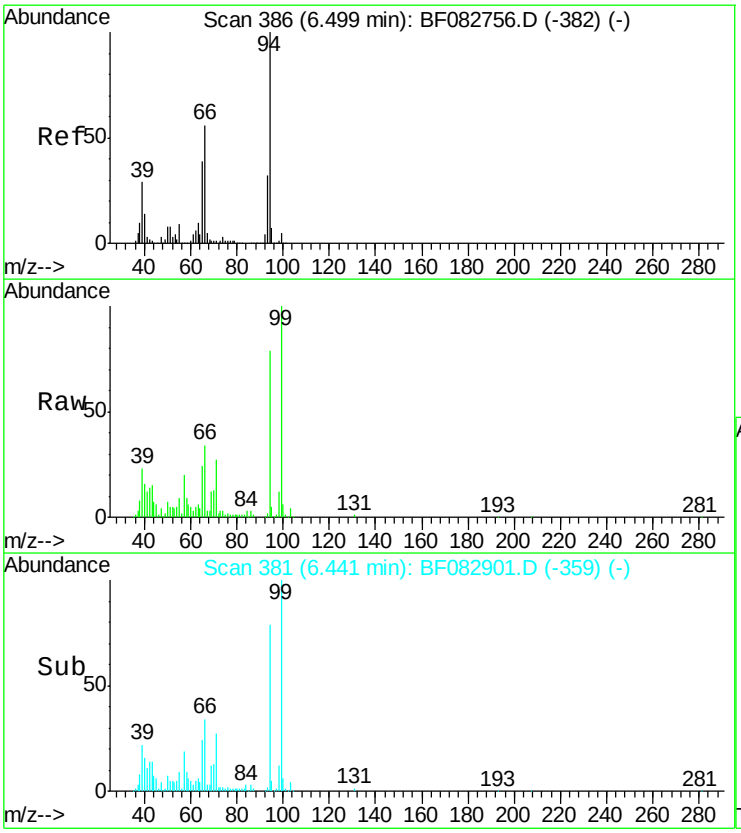
#7
Phenol-d6
Concen: 43.39 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion: 99 Resp: 707501

Ion	Ratio	Lower	Upper
99	100		
42	18.8	19.2	28.8#
71	34.4	35.0	52.4#

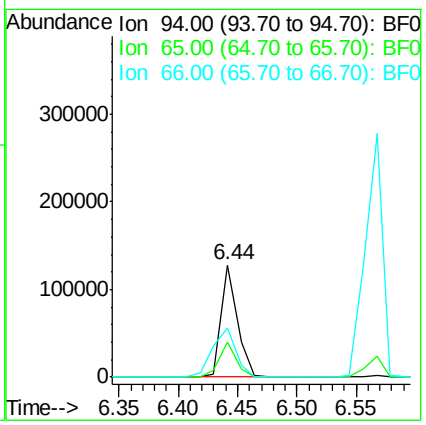


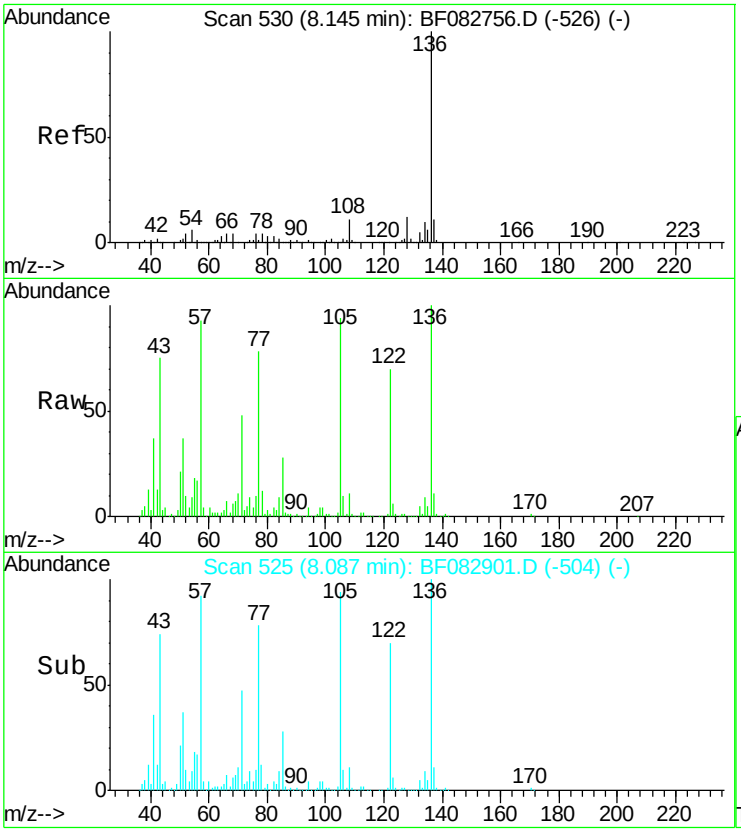


#10
Phenol
Concen: 6.53 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion: 94 Resp: 120790

Ion	Ratio	Lower	Upper
94	100		
65	31.2	18.9	58.9
66	43.5	34.9	74.9



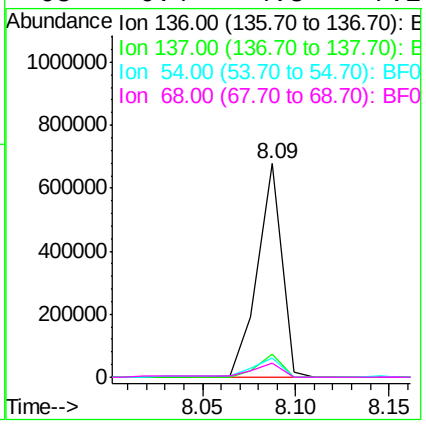


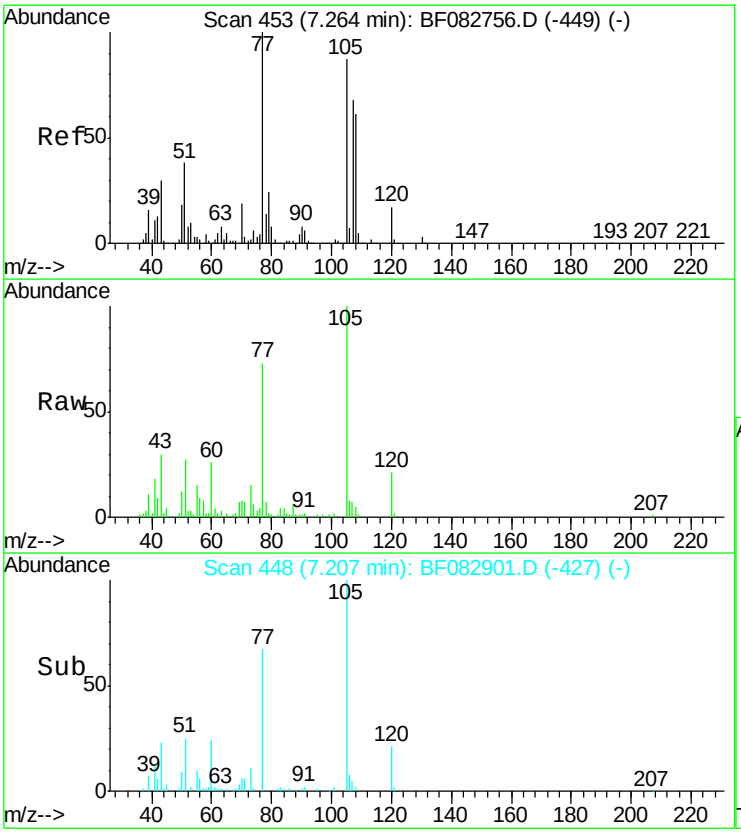
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion:136 Resp: 610221

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.2	9.1	13.7
68	6.4	4.8	7.2

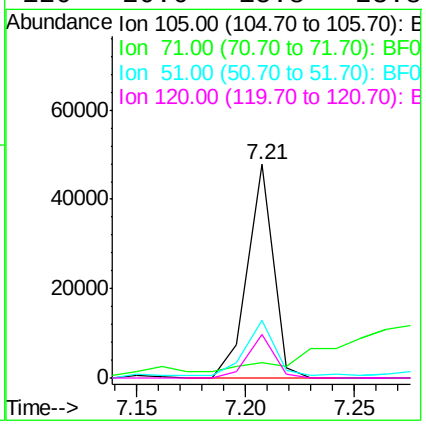


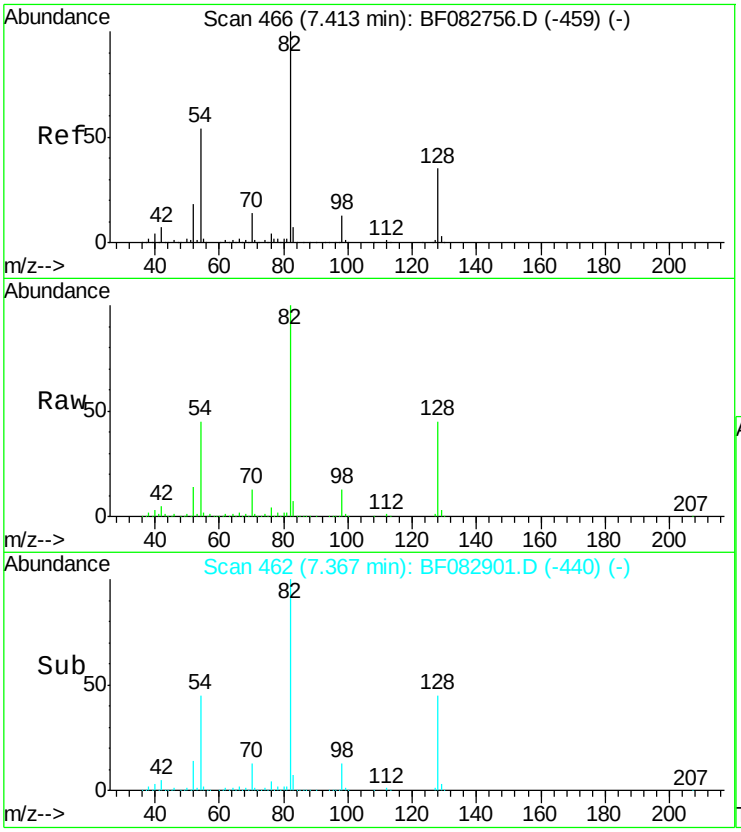


#22
Acetophenone
Concen: 2.26 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:105 Resp: 39447

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.6	8.4
51	27.1	24.9	37.3
120	20.6	15.8	23.8



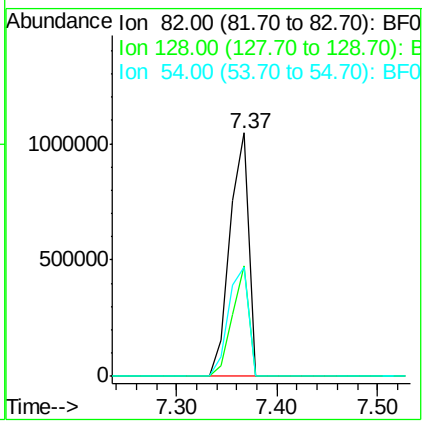


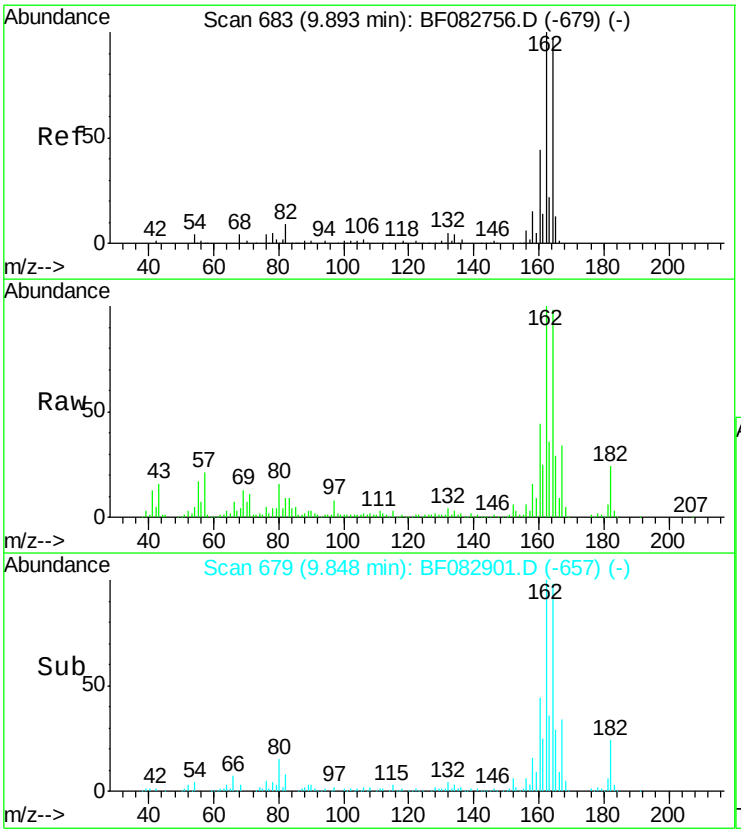
#23
Nitrobenzene-d5
Concen: 96.06 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion: 82 Resp: 1347183

Ion	Ratio	Lower	Upper
82	100		
128	45.2	26.8	40.2#
54	44.7	45.7	68.5#

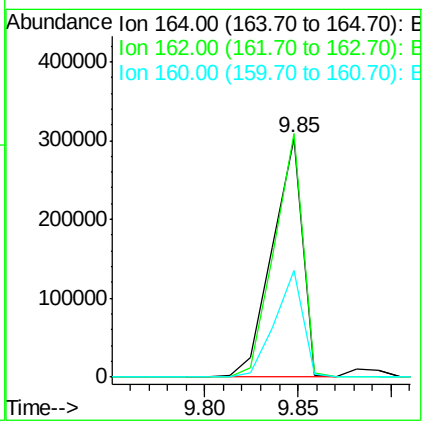


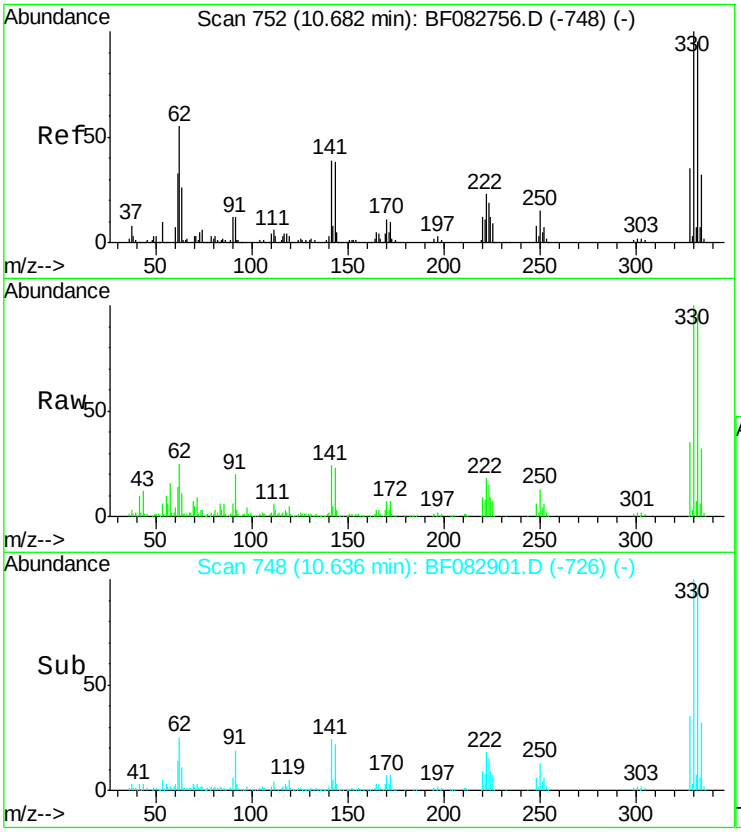


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:164 Resp: 340581

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	44.5	37.5	56.3



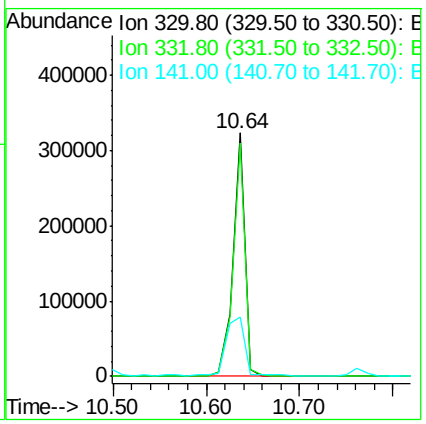


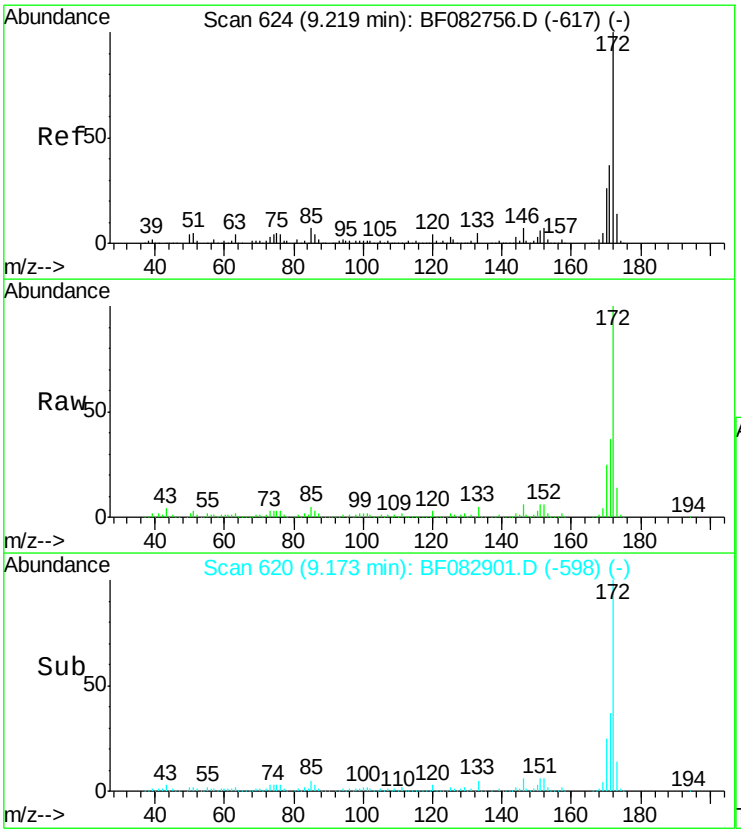
#41
2,4,6-Tribromophenol
Concen: 74.69 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.04 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion:330 Resp: 291665

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	36.7	41.2	61.8#

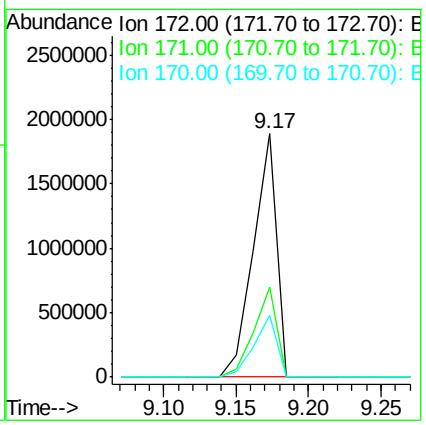


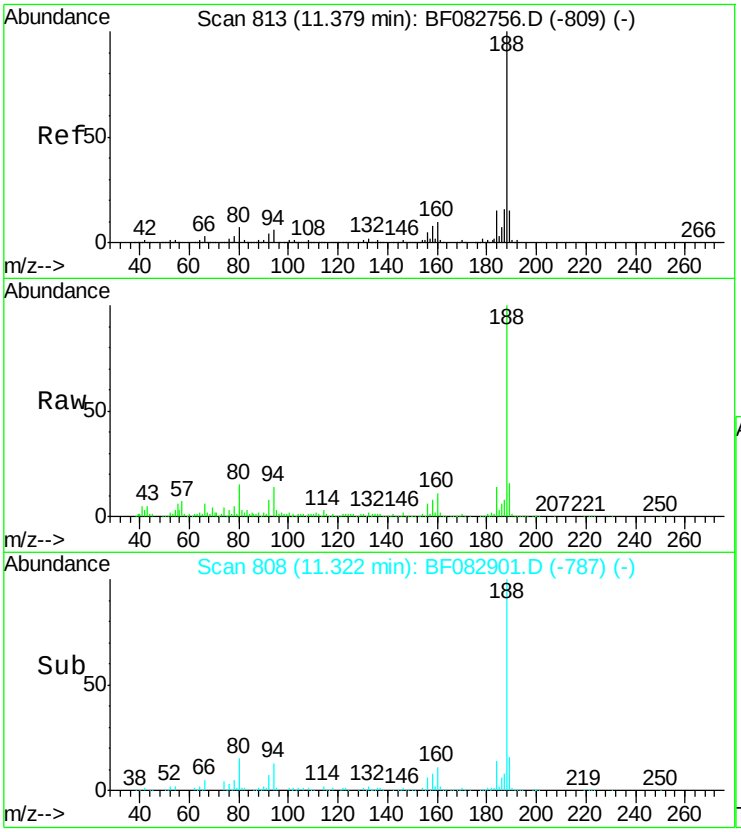


#44
2-Fluorobiphenyl
Concen: 87.69 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:172 Resp: 2083891

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.5	21.2	31.8



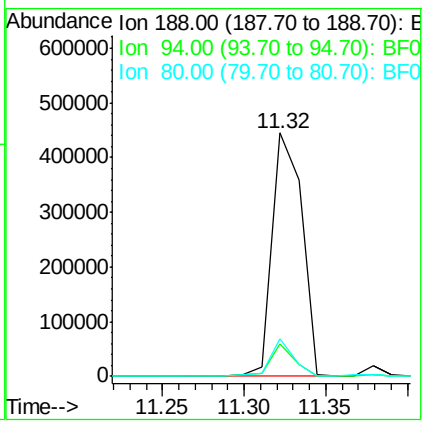


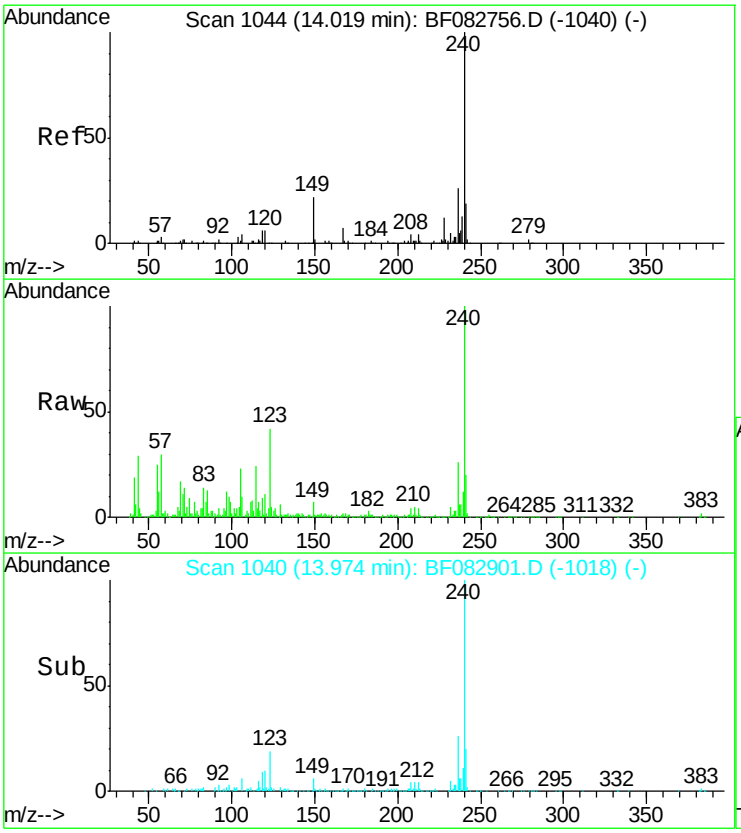
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion:188 Resp: 569076

Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.1	9.1#
80	15.5	7.0	10.6#

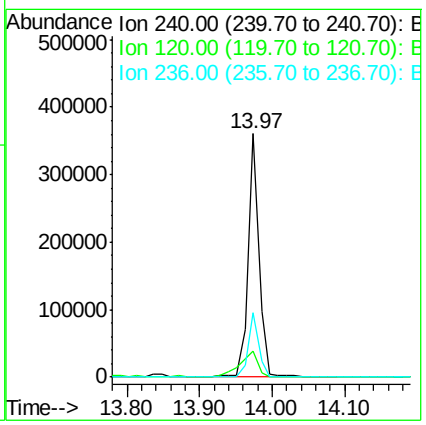


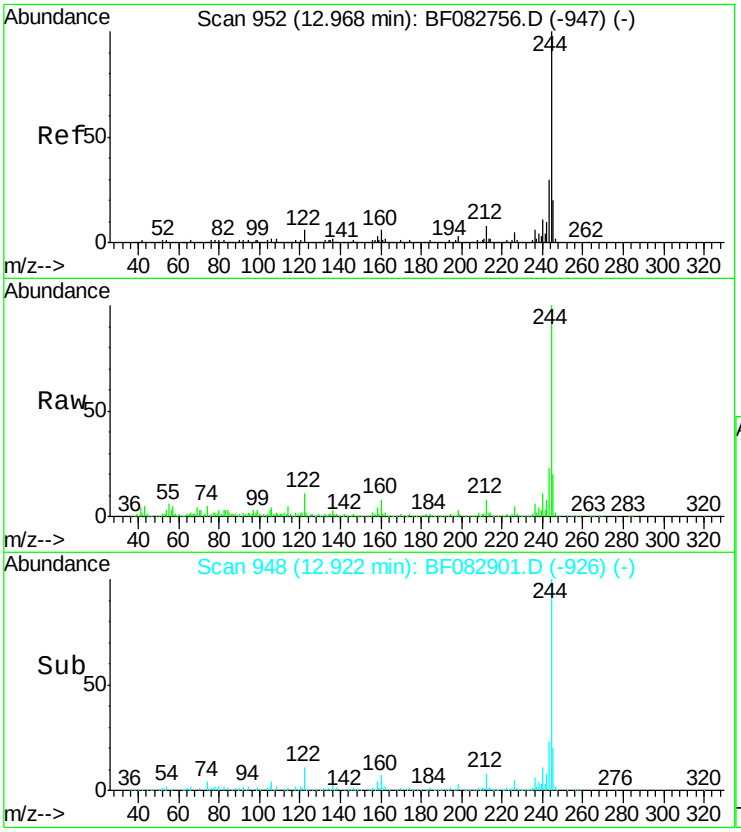


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:240 Resp: 371495

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.9	16.3#
236	26.3	21.6	32.4



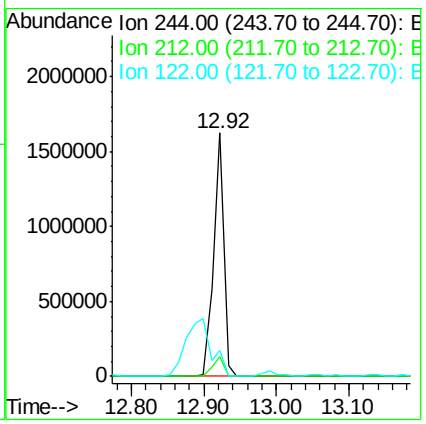


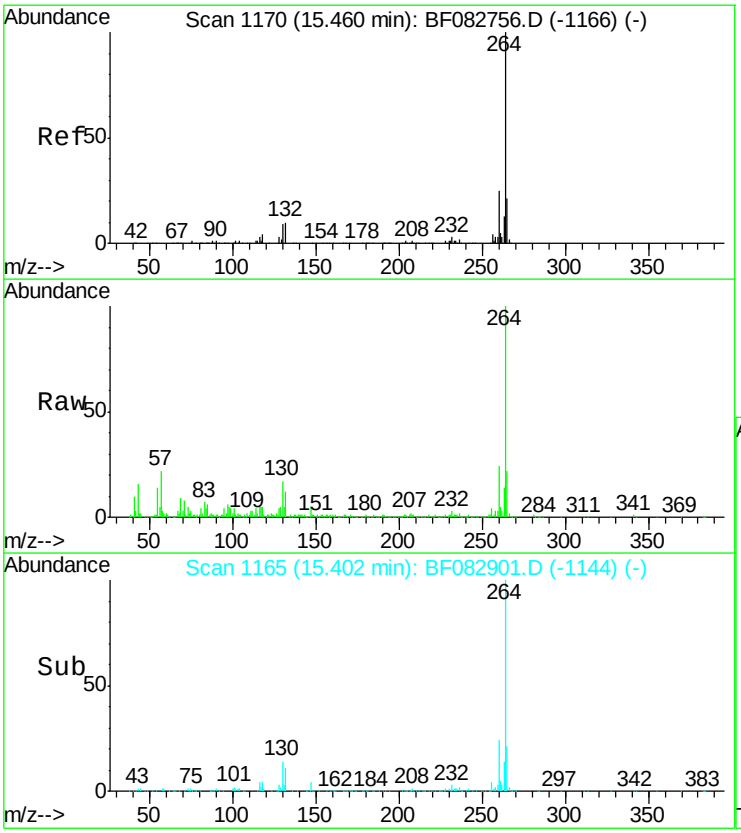
#78
Terphenyl-d14
Concen: 100.58 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

Tgt Ion:244 Resp: 1575334

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.6	11.4
122	10.9	11.3	16.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:264 Resp: 415851

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.7	17.4	26.0