Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
Data File : BF082108.D
Acq On : 7 Oct 2015 17:01
Operator : UM/IZ
Sample : G3707-05
Misc : LOD 8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2015-01

Quant Time: Oct 08 03:56:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77804	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	321718	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	158902	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	322332	20.00	ng	0.00
75) Chrysene-d12	14.05	240	315553	20.00	ng	-0.01
86) Perylene-d12	15.49	264	243907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	530146	123.69	ng	0.01
7) Phenol-d6	6.50	99	620199	115.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	396822	82.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	194486	120.85	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	814122	85.91	ng	-0.01
78) Terphenyl-d14	13.00	244	944829	102.41	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.89	122	6487m	9.42	ng	

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

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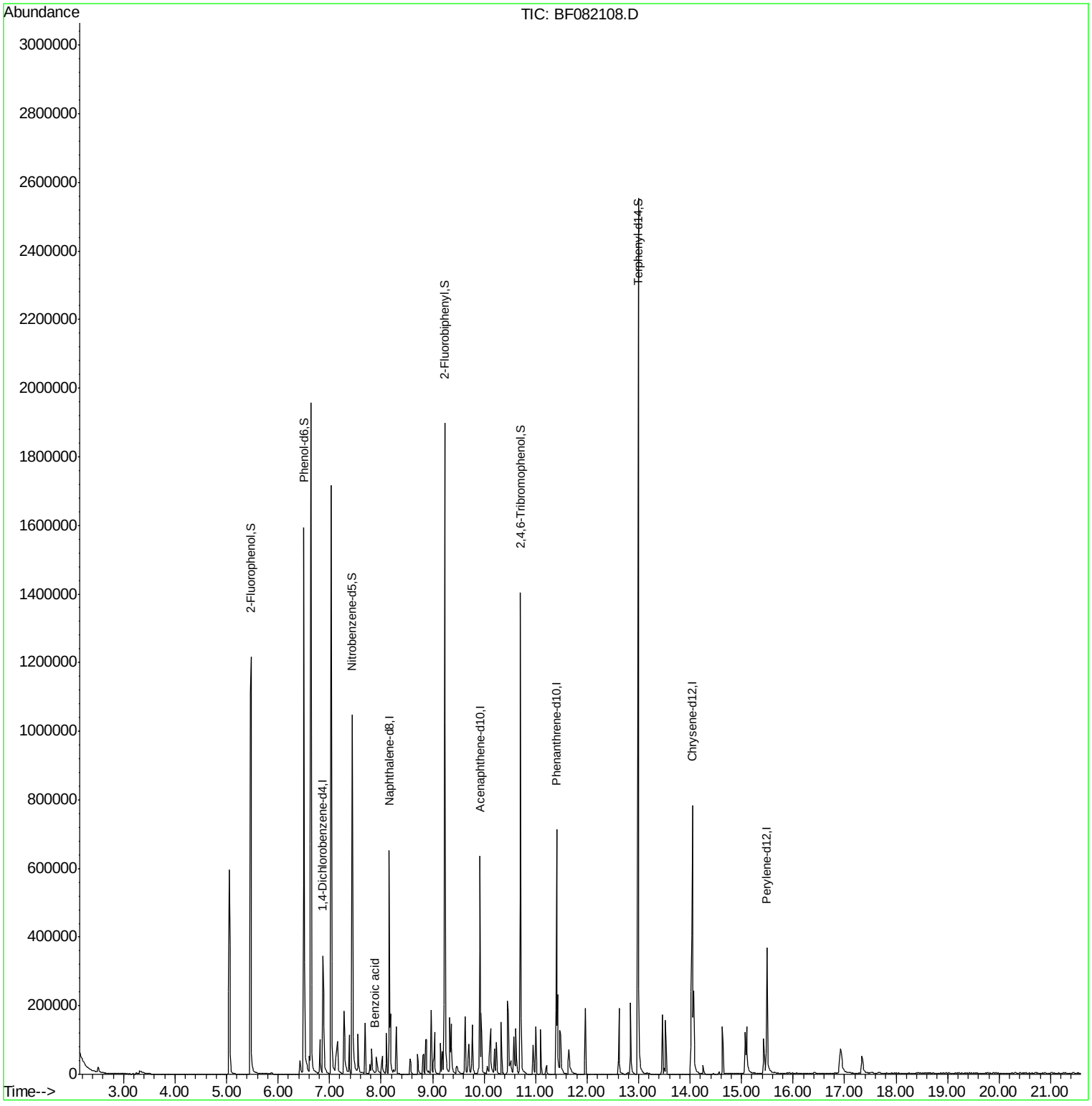
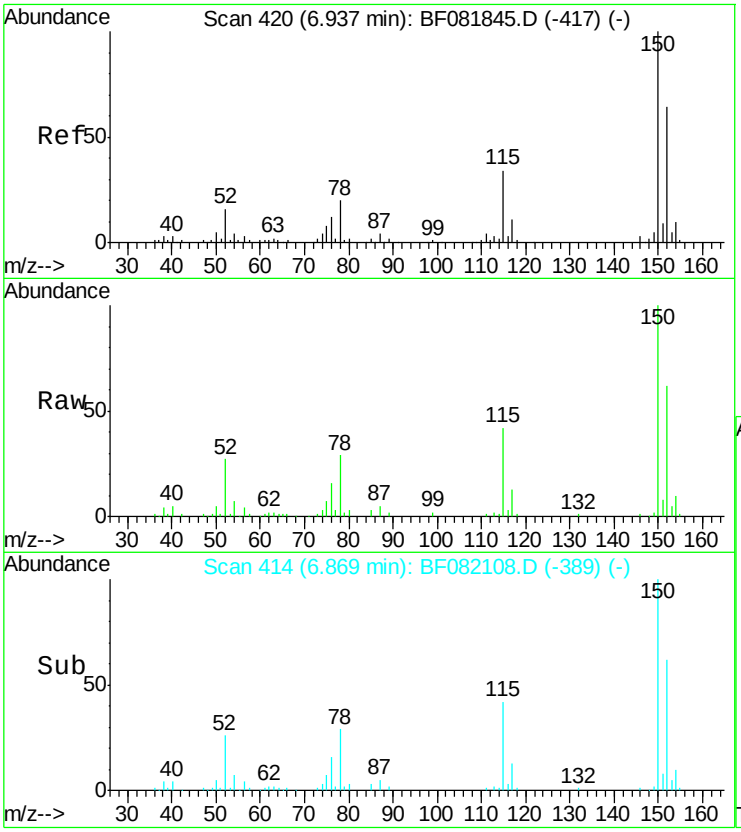


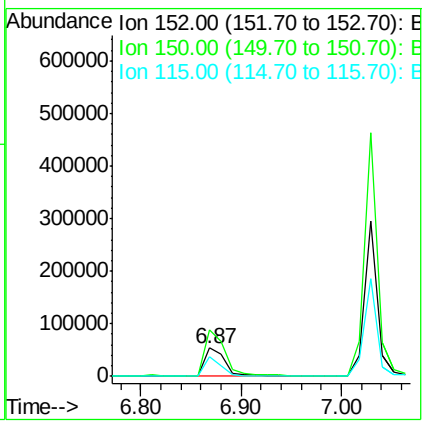


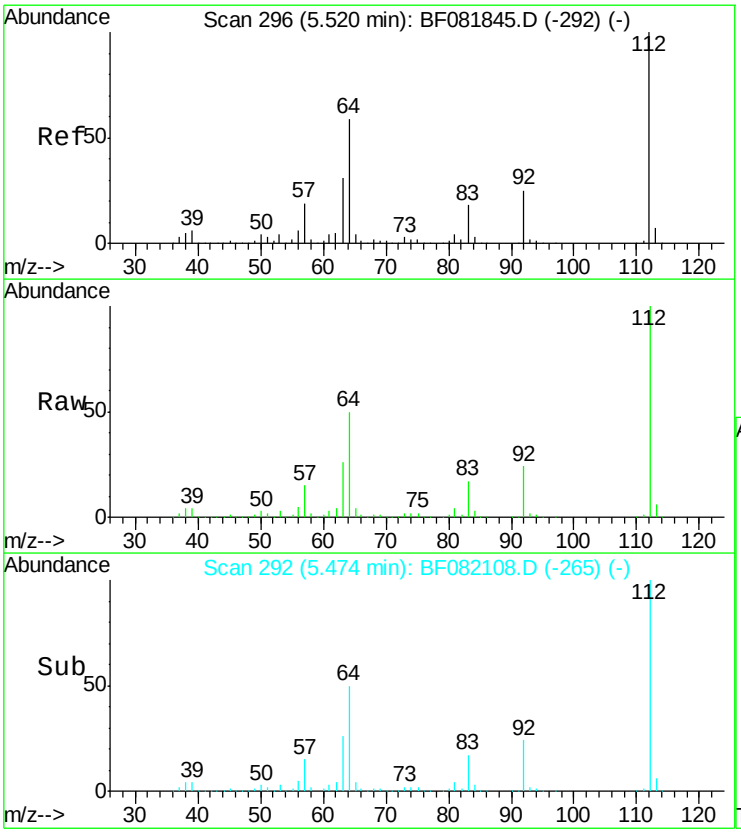
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 77804

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.7	187.1
115	67.5	39.0	58.4#

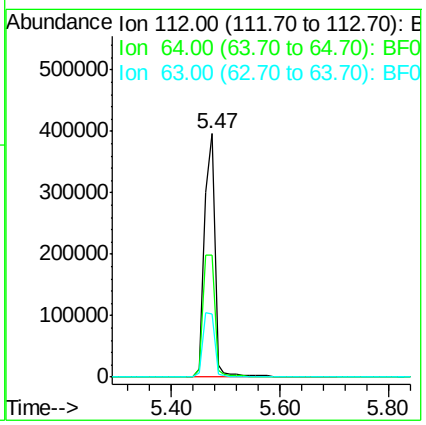


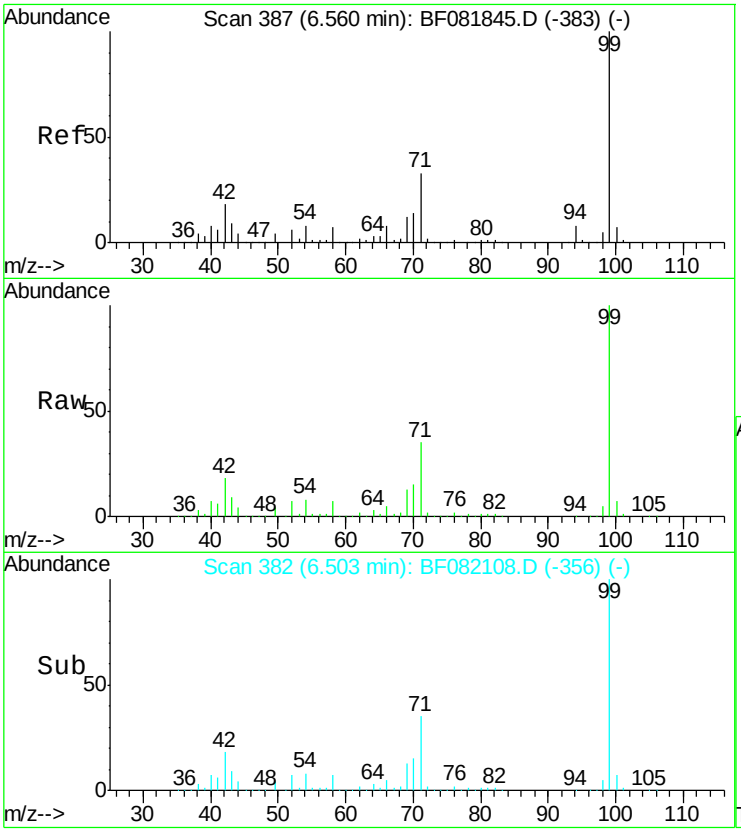


#5
2-Fluorophenol
Concen: 123.69 ng
RT: 5.47 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:112 Resp: 530146

Ion	Ratio	Lower	Upper
112	100		
64	50.0	39.7	59.5
63	26.0	17.4	26.0



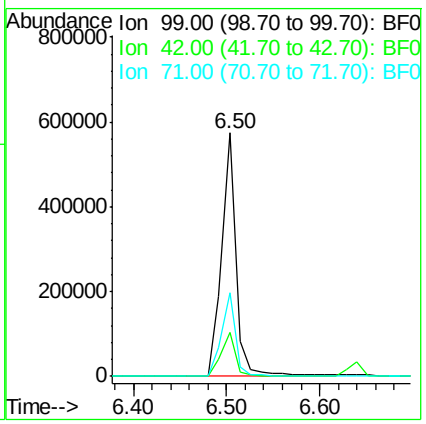


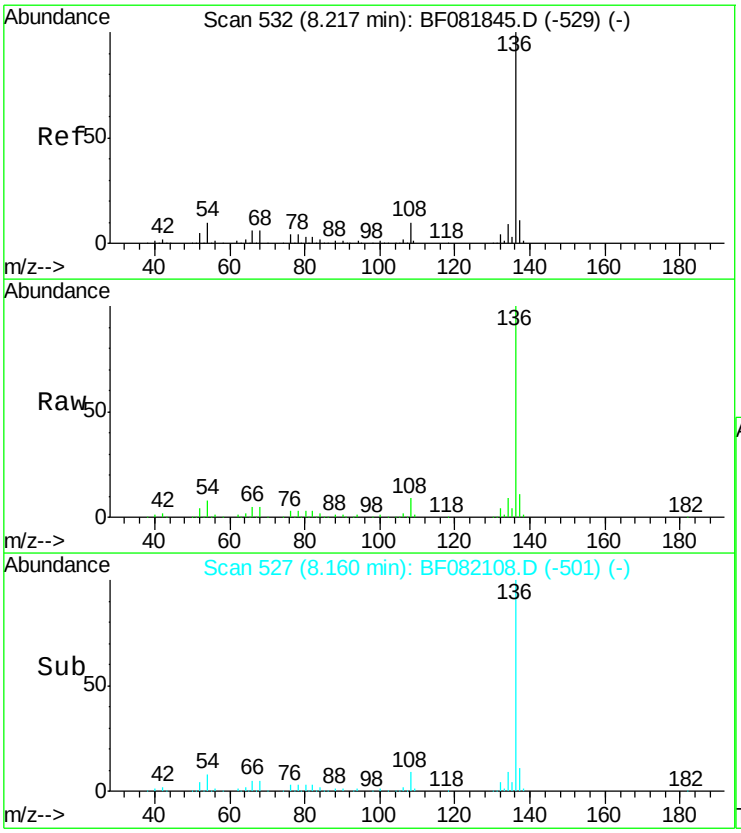
#7
Phenol-d6
Concen: 115.00 ng
RT: 6.50 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 99 Resp: 620199

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	34.6	14.2	21.2#

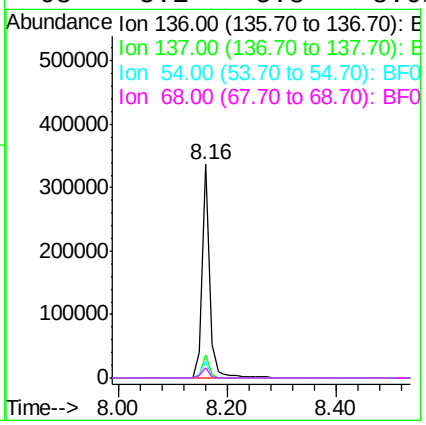


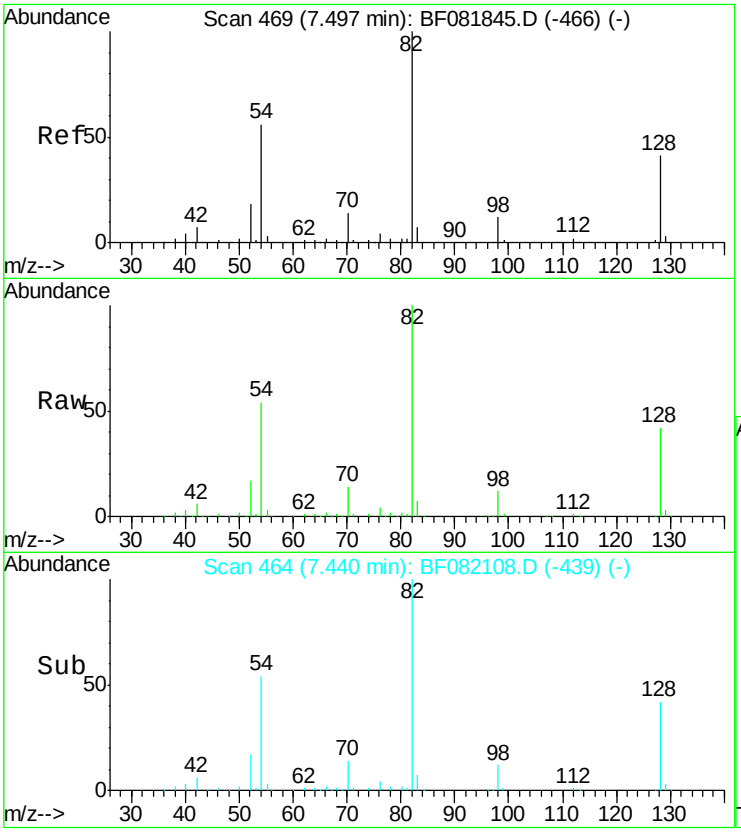


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:136 Resp: 321718

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.6	8.2	12.2#
68	5.1	5.8	8.6#



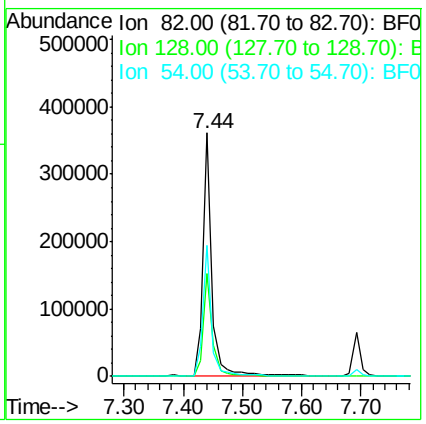


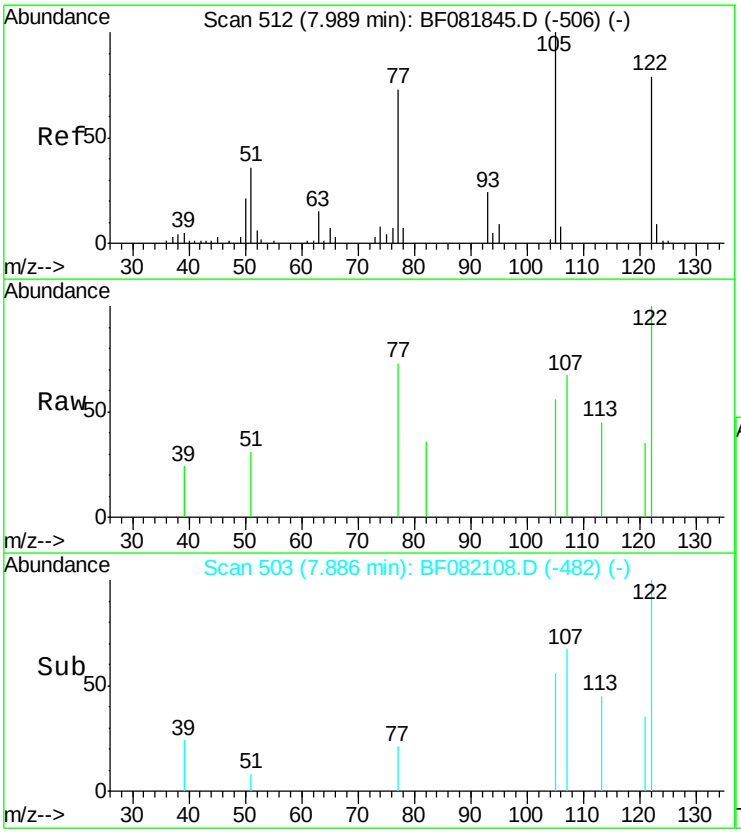
#23
Nitrobenzene-d5
Concen: 82.22 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 82 Resp: 396822

Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	53.7	47.5	71.3

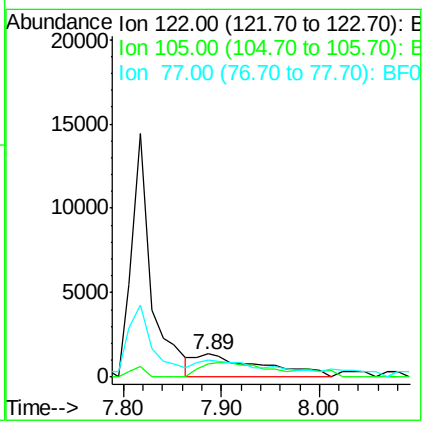


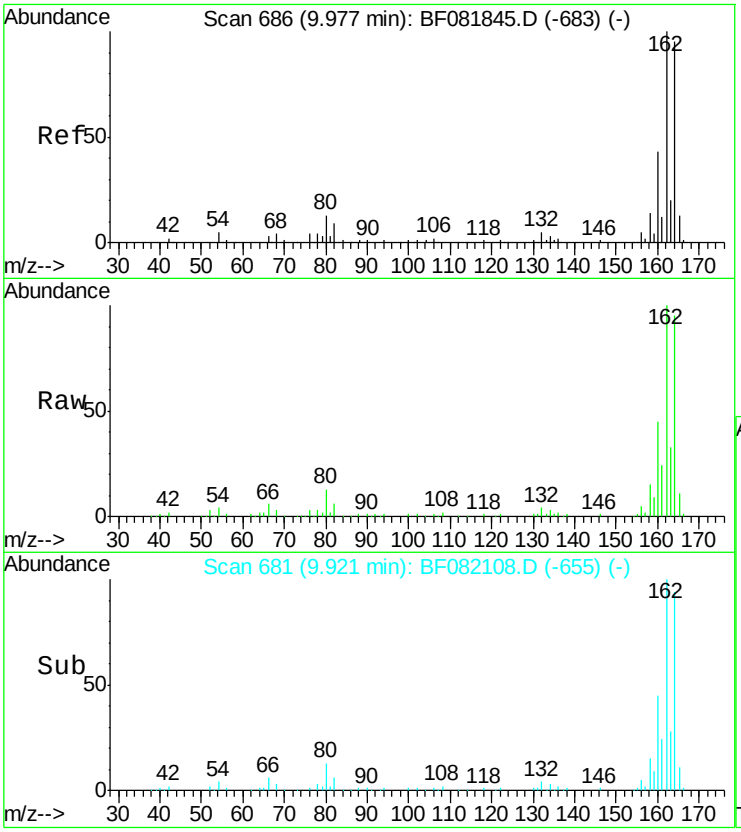


#32
Benzoic acid
Concen: 9.42 ng m
RT: 7.89 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:122 Resp: 6487

Ion	Ratio	Lower	Upper
122	100		
105	55.8	76.1	116.1#
77	72.6	40.5	80.5



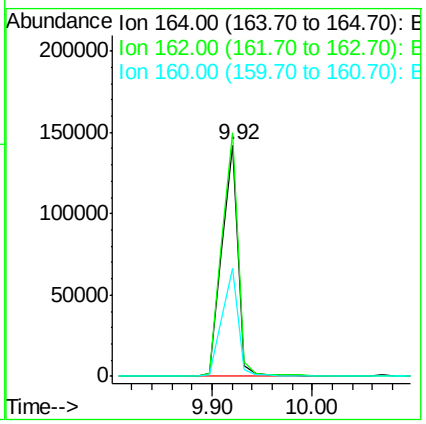


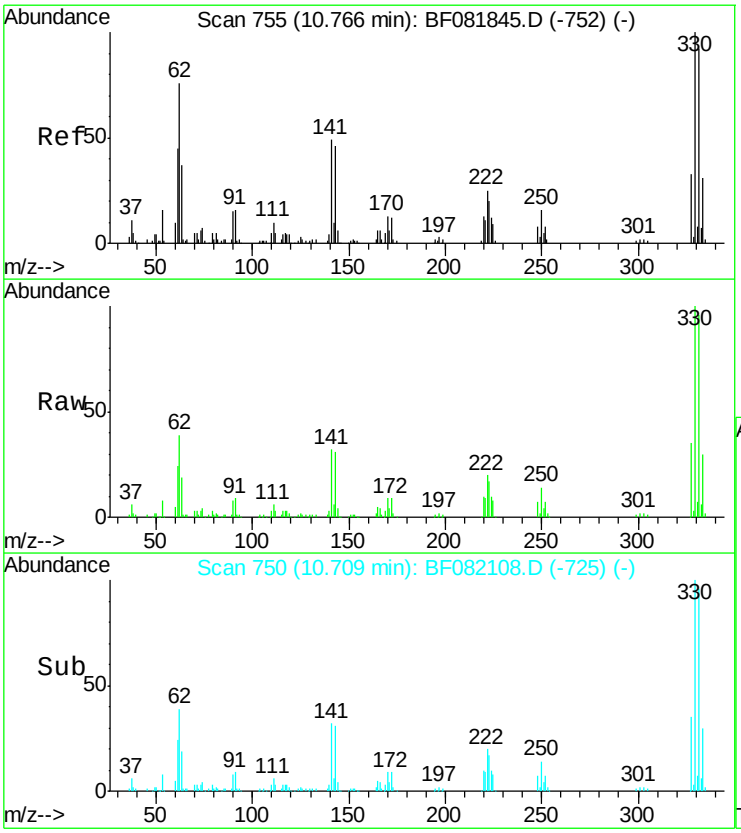
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:164 Resp: 158902

Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	47.0	31.5	47.3

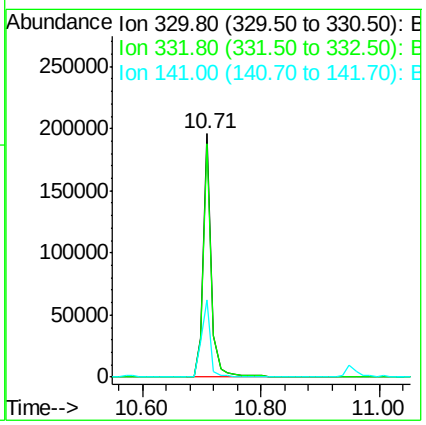


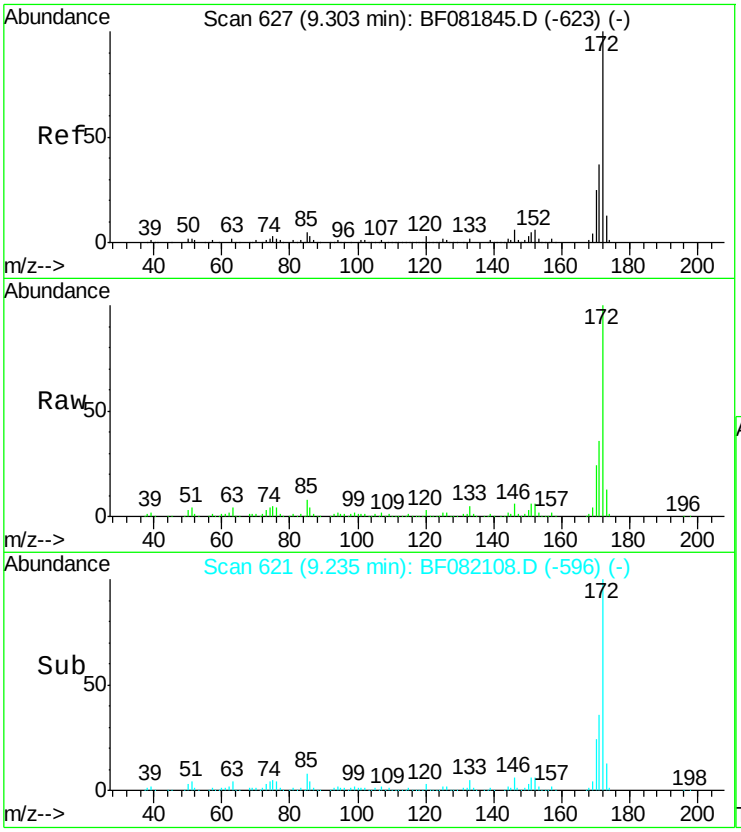


#41
2,4,6-Tribromophenol
Concen: 120.85 ng
RT: 10.71 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:330 Resp: 194486

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	36.0	29.7	44.5



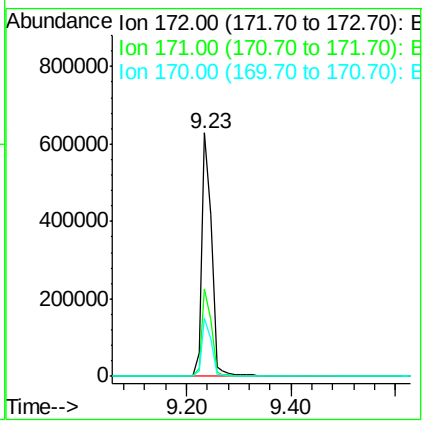


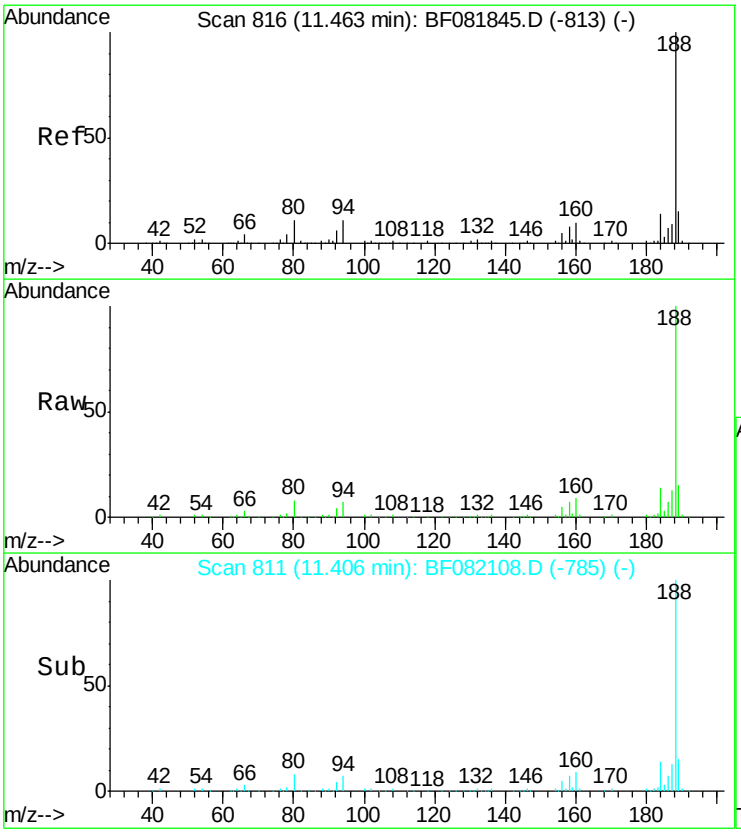
#44
2-Fluorobiphenyl
Concen: 85.91 ng
RT: 9.23 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:172 Resp: 814122

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	23.7	17.4	26.2

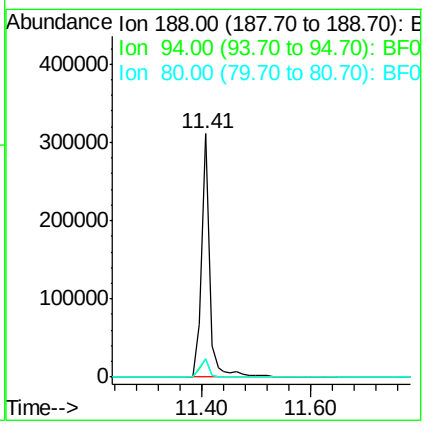


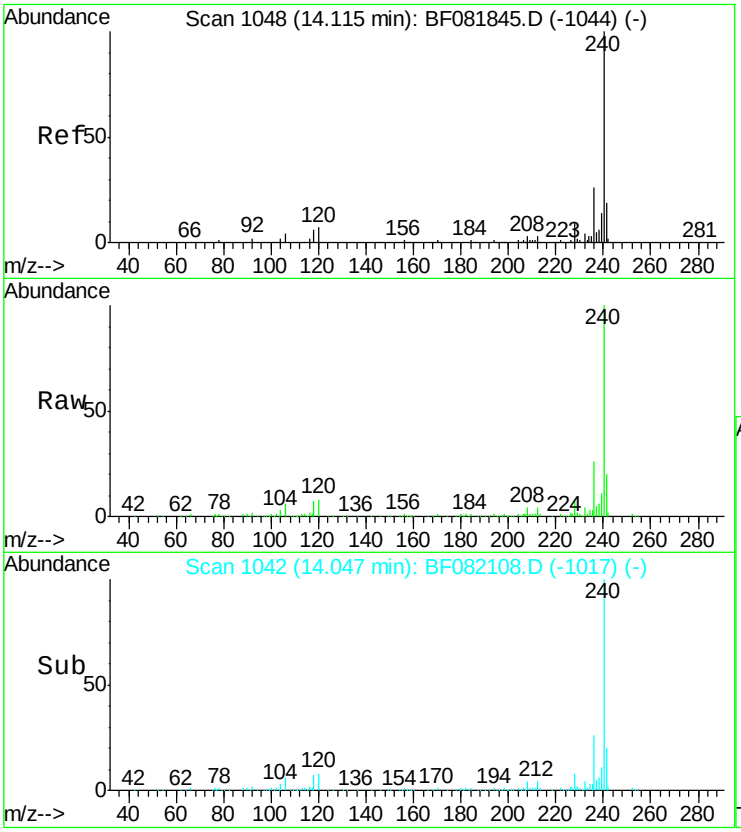


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:188 Resp: 322332

Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	7.6	11.0	16.4#



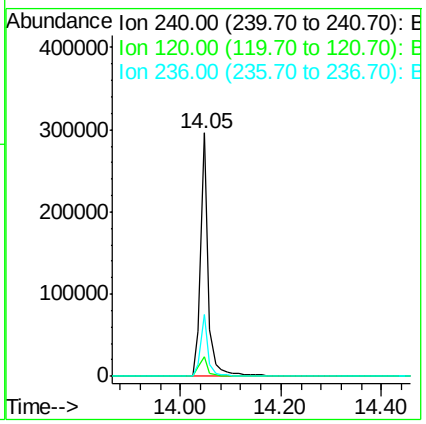


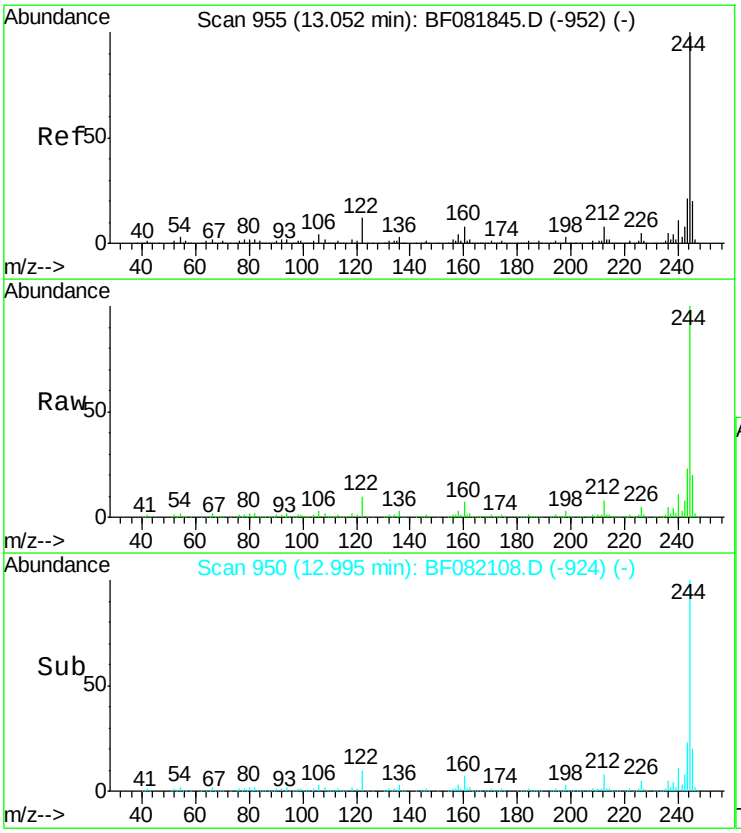
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:240 Resp: 315553

Ion	Ratio	Lower	Upper
240	100		
120	8.2	16.2	24.2#
236	25.5	18.4	27.6

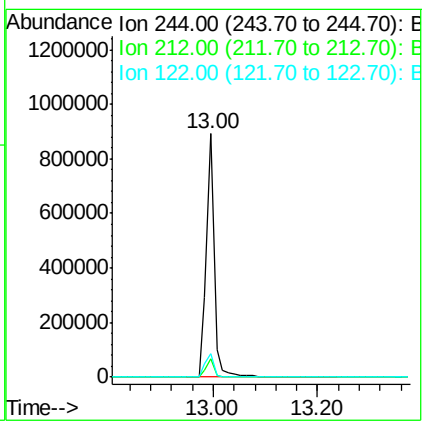


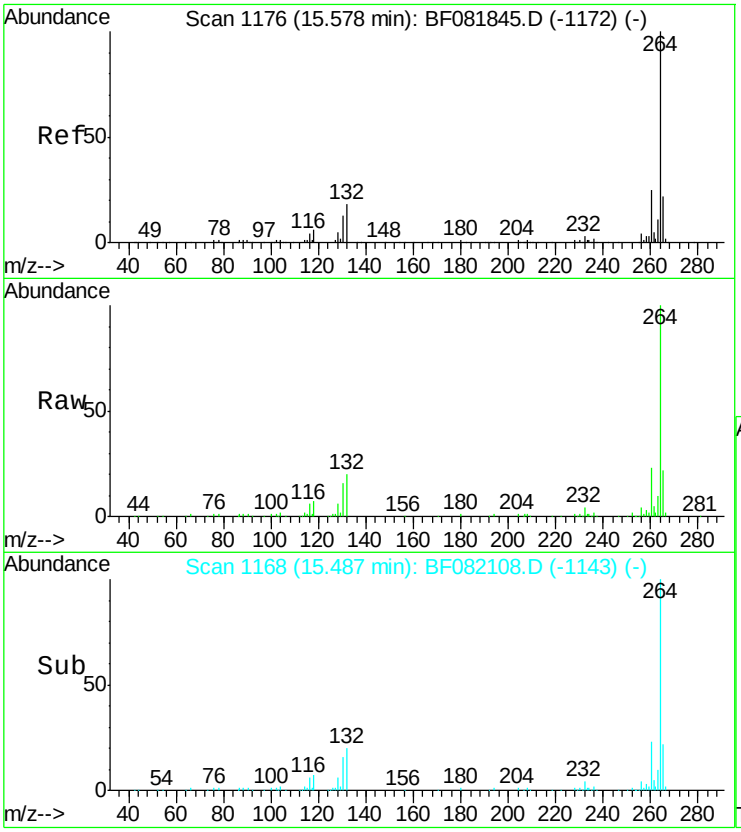


#78
Terphenyl-d14
Concen: 102.41 ng
RT: 13.00 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Tgt Ion:244 Resp: 944829

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	9.6	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082108.D
Acq: 7 Oct 2015 17:01

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:264 Resp: 243907

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.6	17.2	25.8