Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089143.D
Acq On : 20 Jul 2016 20:53
Operator : UM/SJ
Sample : H3606-05
Misc : LOD 8PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2016-01

Quant Time: Jul 21 13:06:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	63750	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	287963	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	136818	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	275415	20.00	ng	0.00
75) Chrysene-d12	13.73	240	221703	20.00	ng	0.00
86) Perylene-d12	15.06	264	176204	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	433145	103.34	ng	0.01
7) Phenol-d6	6.26	99	567445	104.98	ng	-0.01
23) Nitrobenzene-d5	7.18	82	370974	68.45	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	138994	112.84	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	646628	65.12	ng	-0.01
78) Terphenyl-d14	12.69	244	572739	56.03	ng	0.00
Target Compounds						Qvalue

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

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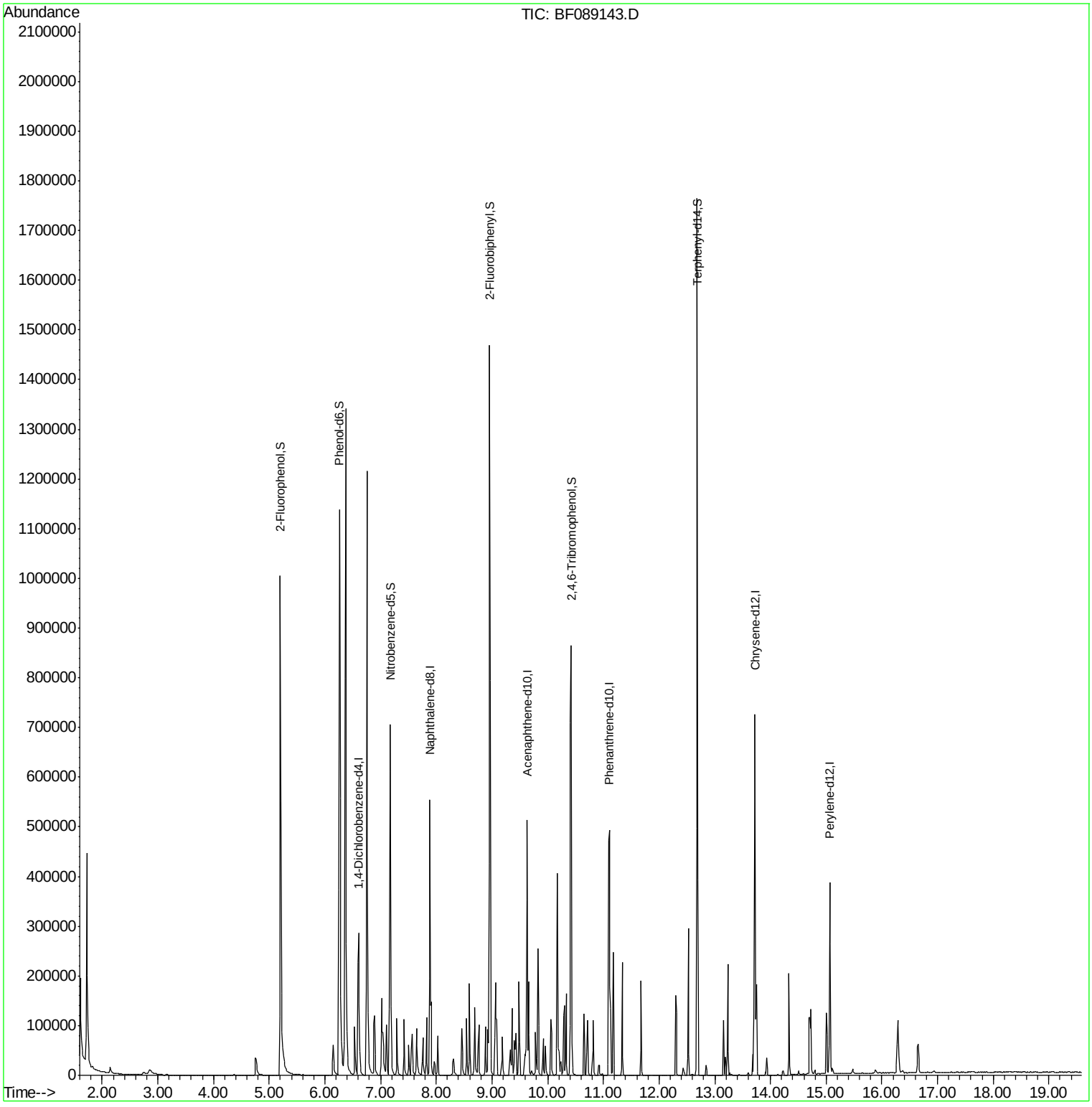
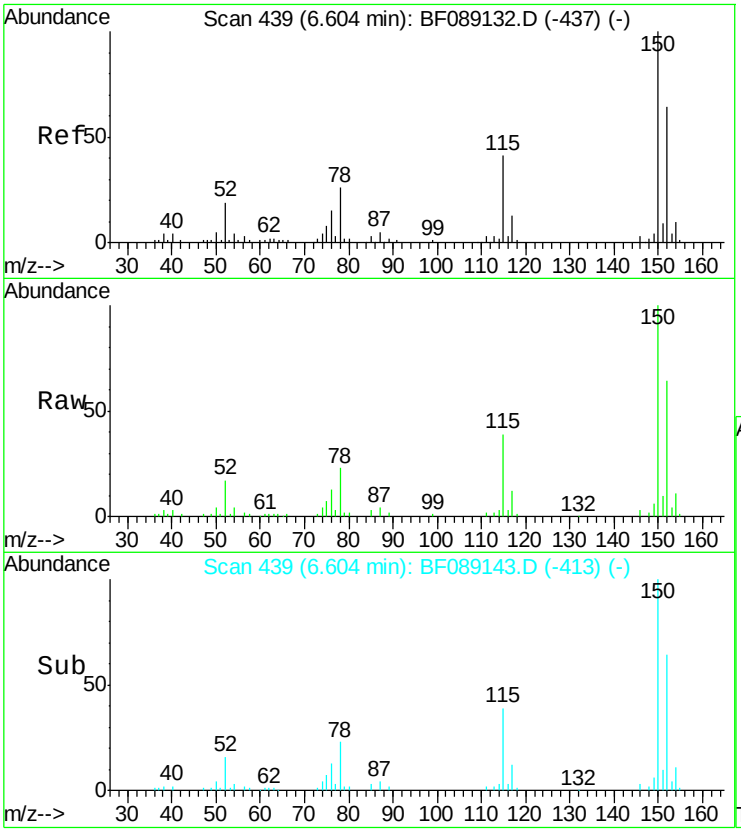


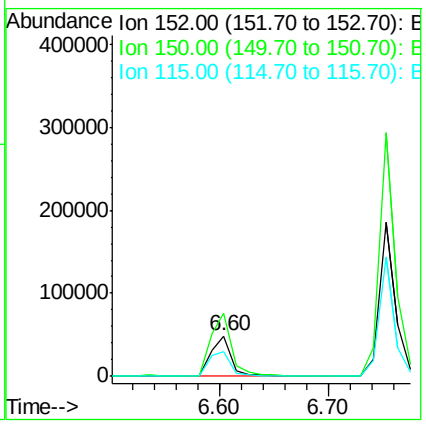


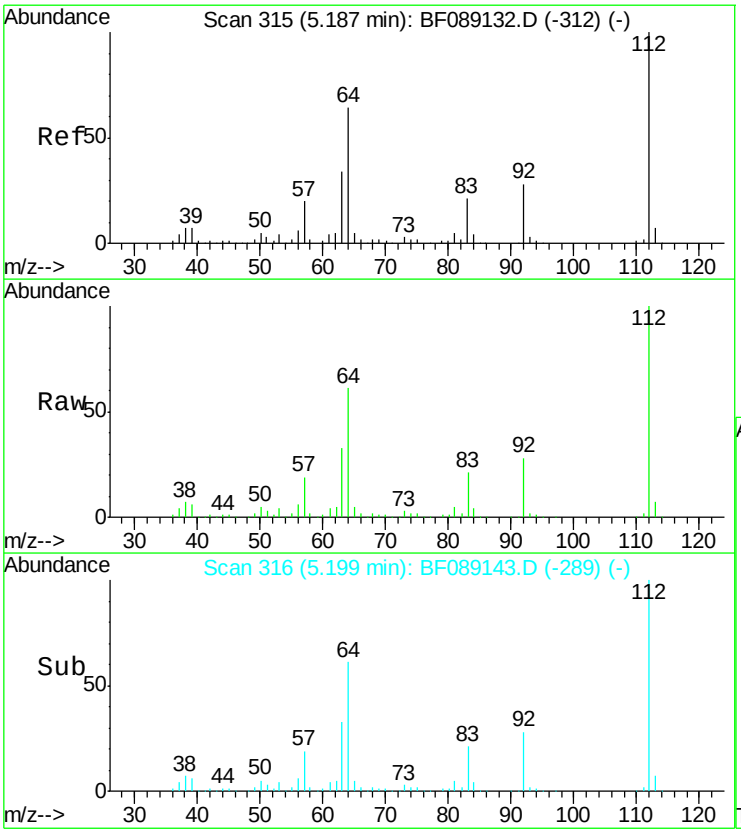
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:152 Resp: 63750

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.1	187.7
115	60.6	51.1	76.7

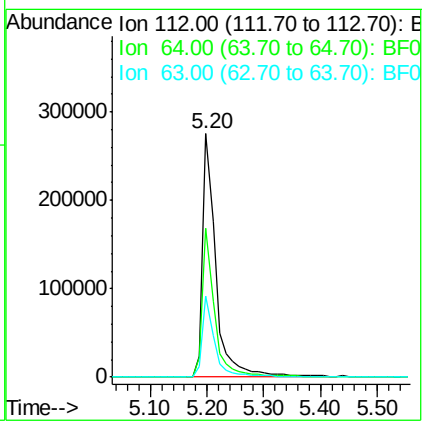


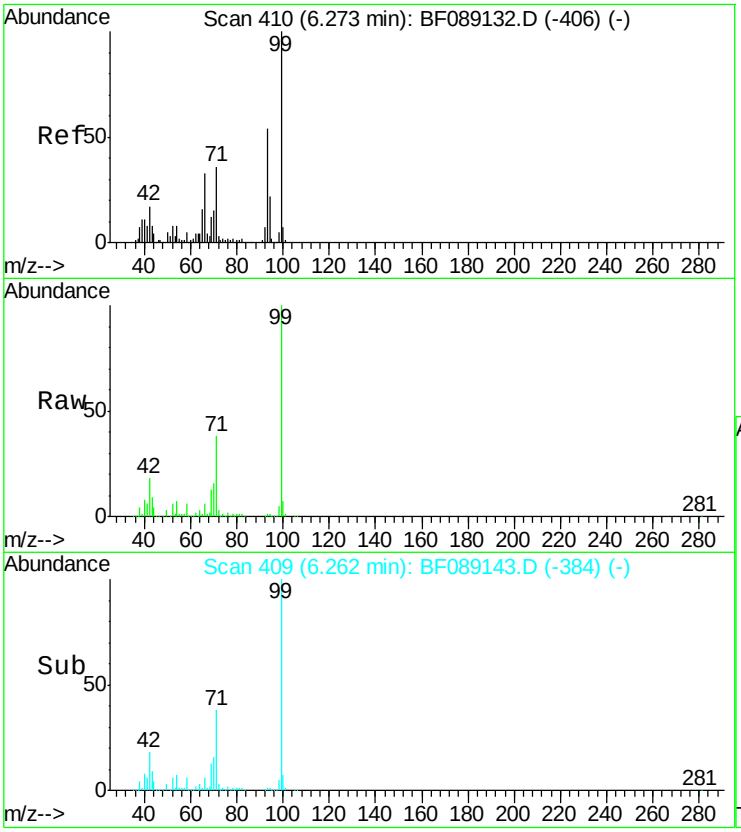


#5
2-Fluorophenol
Concen: 103.34 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:112 Resp: 433145

Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.0	76.4
63	33.2	27.3	40.9



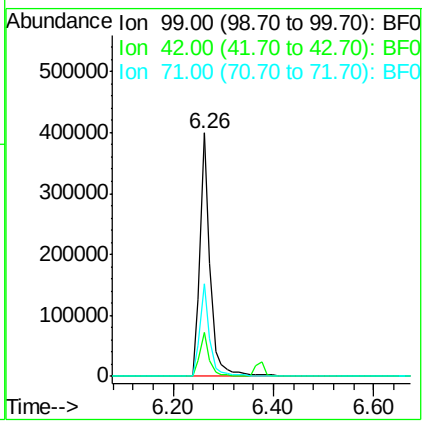


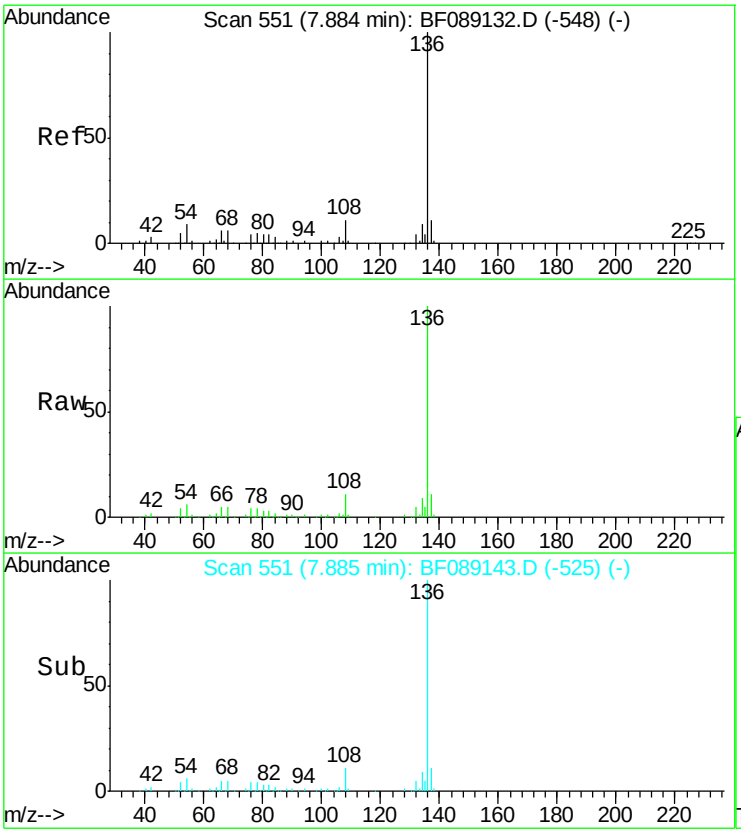
#7
Phenol-d6
Concen: 104.98 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 99 Resp: 567445

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	37.9	28.9	43.3

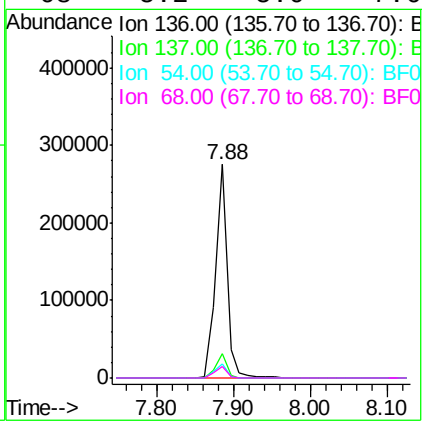


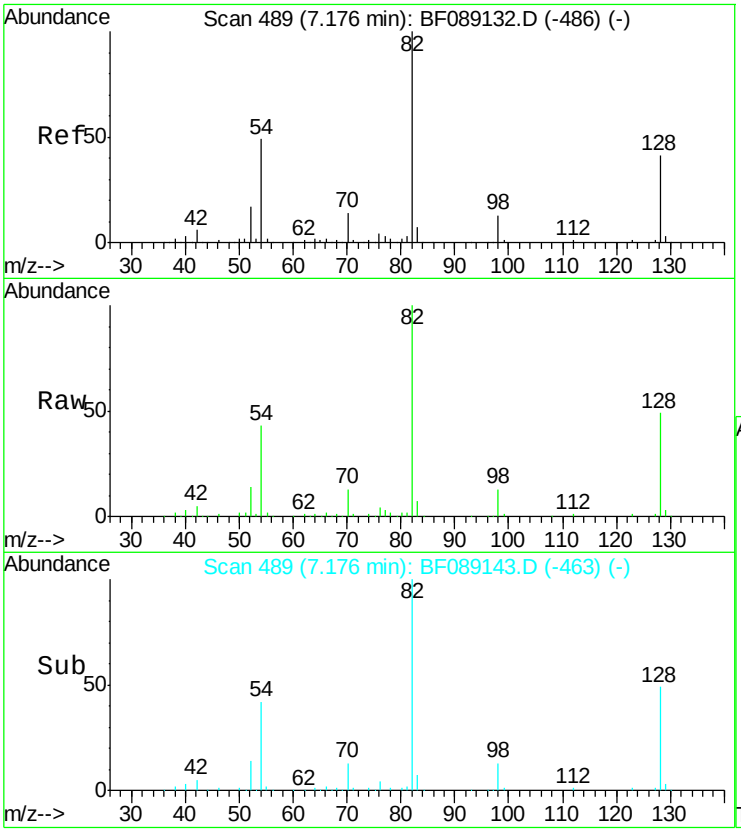


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:136 Resp: 287963

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	7.0	10.4#
68	5.2	5.0	7.6



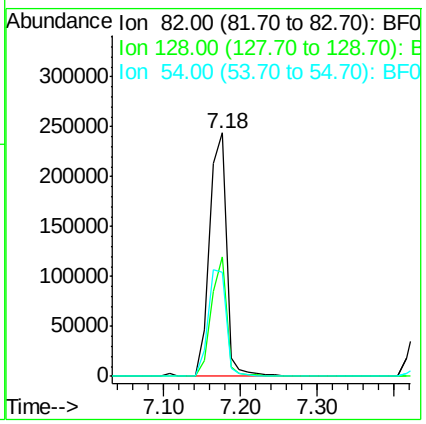


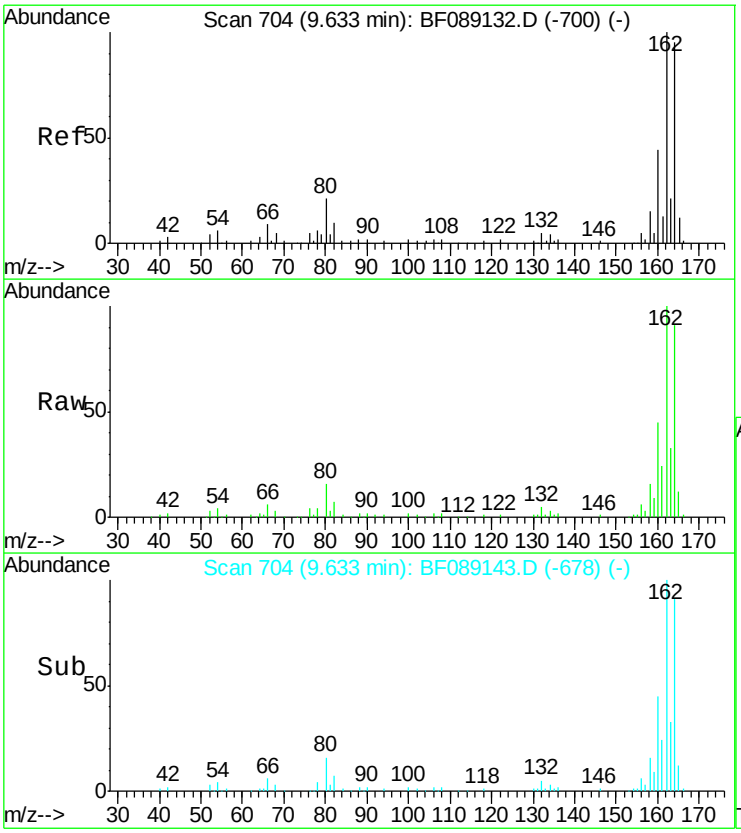
#23
Nitrobenzene-d5
Concen: 68.45 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion: 82 Resp: 370974

Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.0	49.6
54	42.7	39.0	58.4

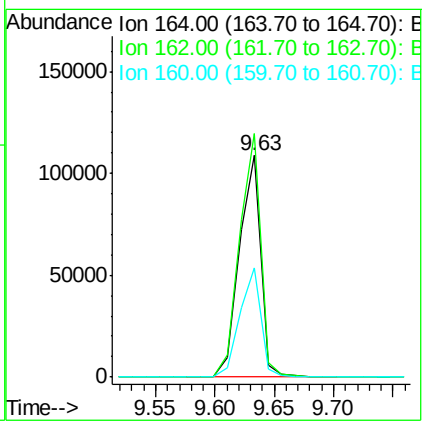


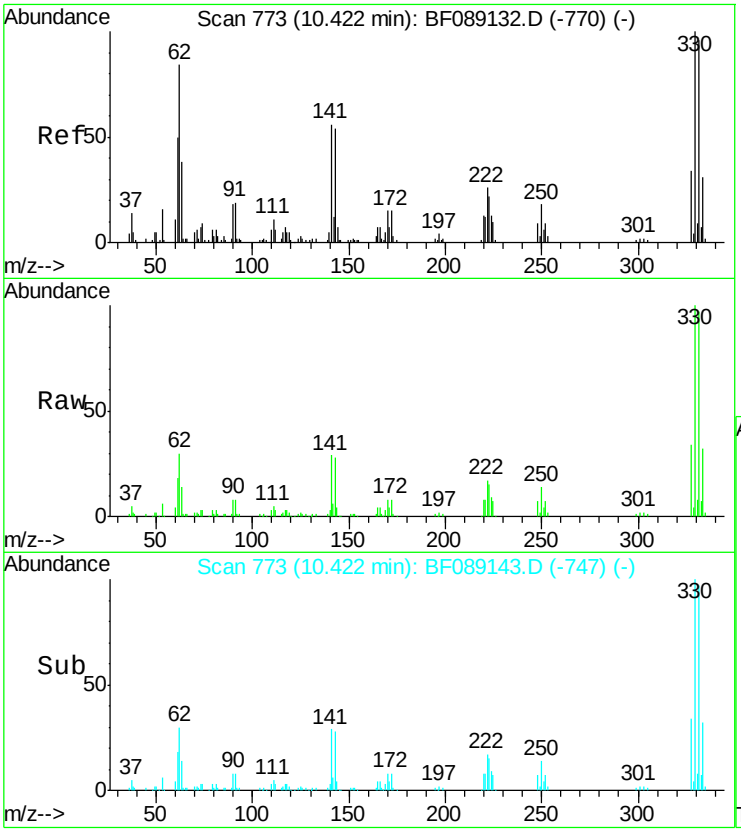


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:164 Resp: 136818

Ion	Ratio	Lower	Upper
164	100		
162	109.8	84.1	126.1
160	49.5	37.1	55.7



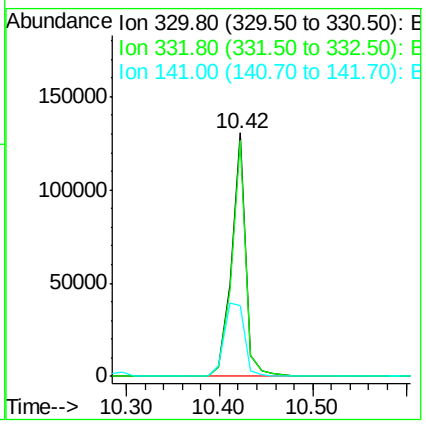


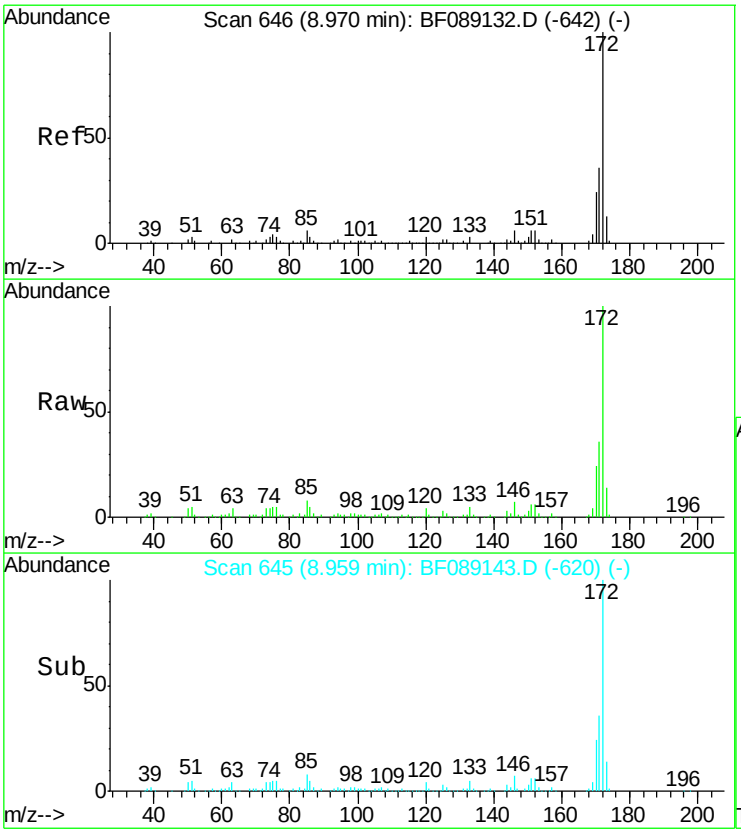
#41
2,4,6-Tribromophenol
Concen: 112.84 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:330 Resp: 138994

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	43.8	42.2	63.2

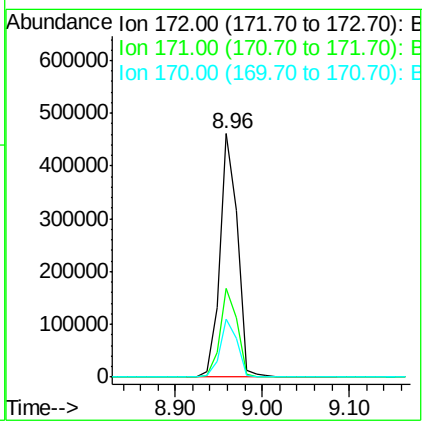


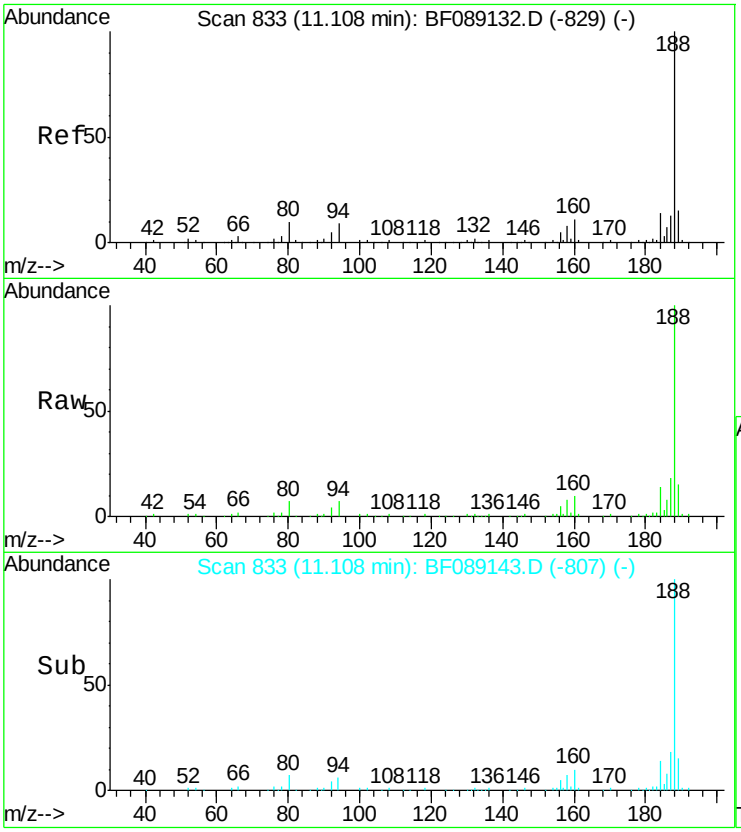


#44
2-Fluorobiphenyl
Concen: 65.12 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:172 Resp: 646628

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.1	28.7



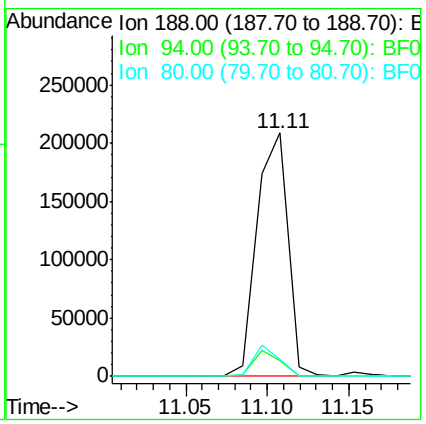


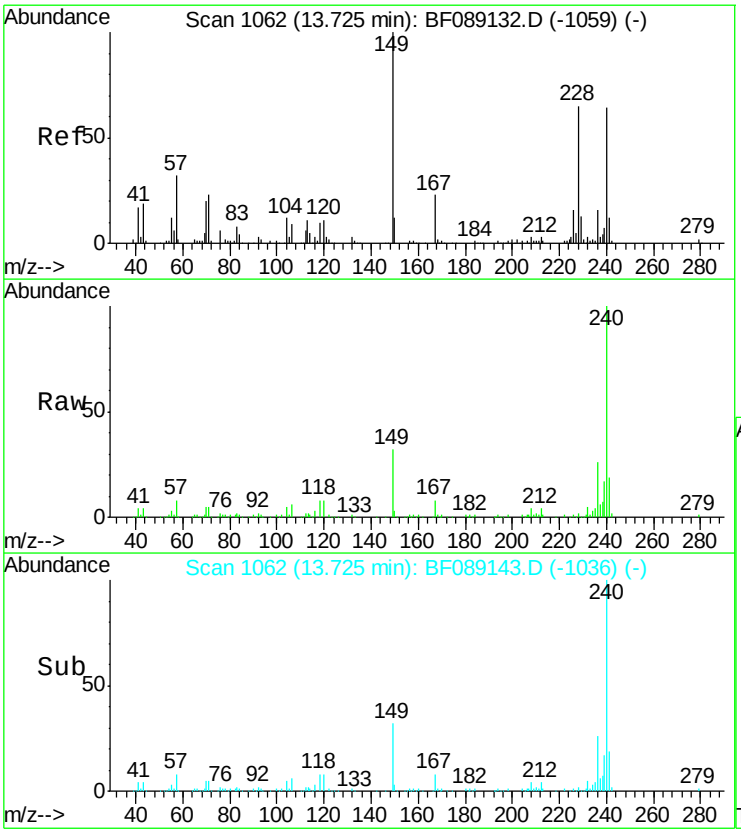
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:188 Resp: 275415

Ion	Ratio	Lower	Upper
188	100		
94	6.6	7.0	10.4#
80	7.0	7.7	11.5#

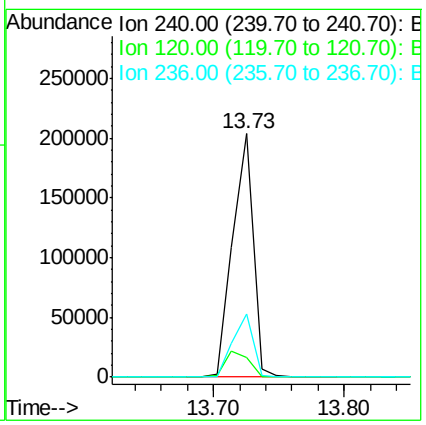


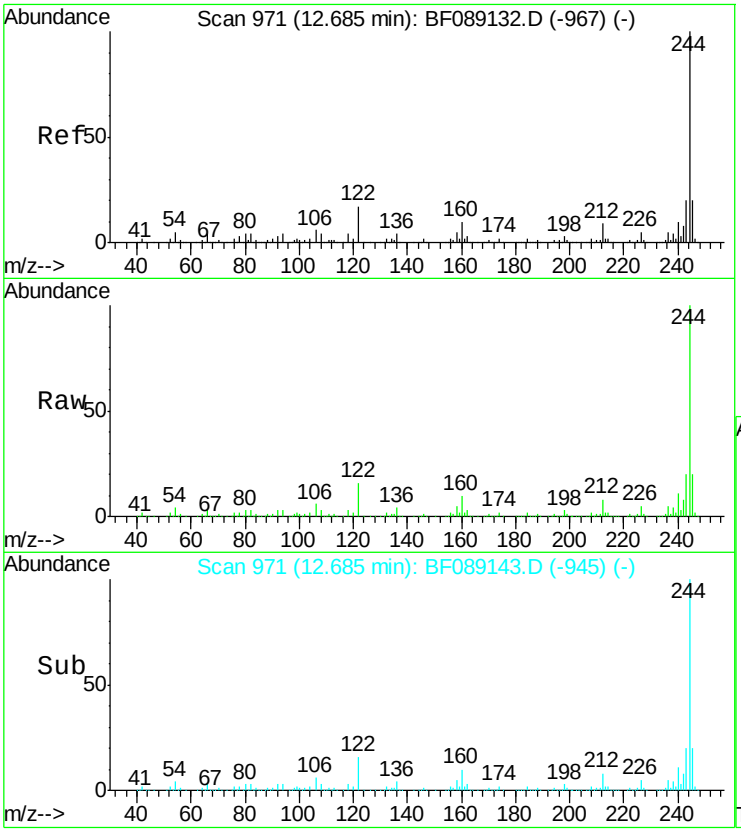


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:240 Resp: 221703

Ion	Ratio	Lower	Upper
240	100		
120	7.9	13.6	20.4#
236	25.8	20.5	30.7



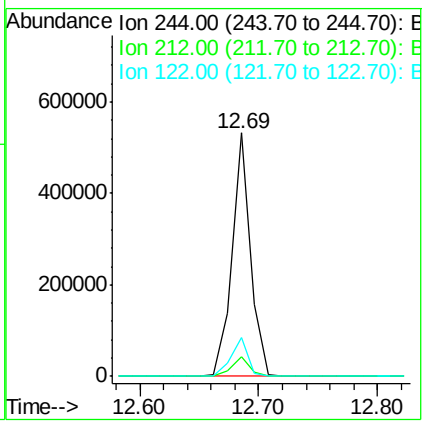


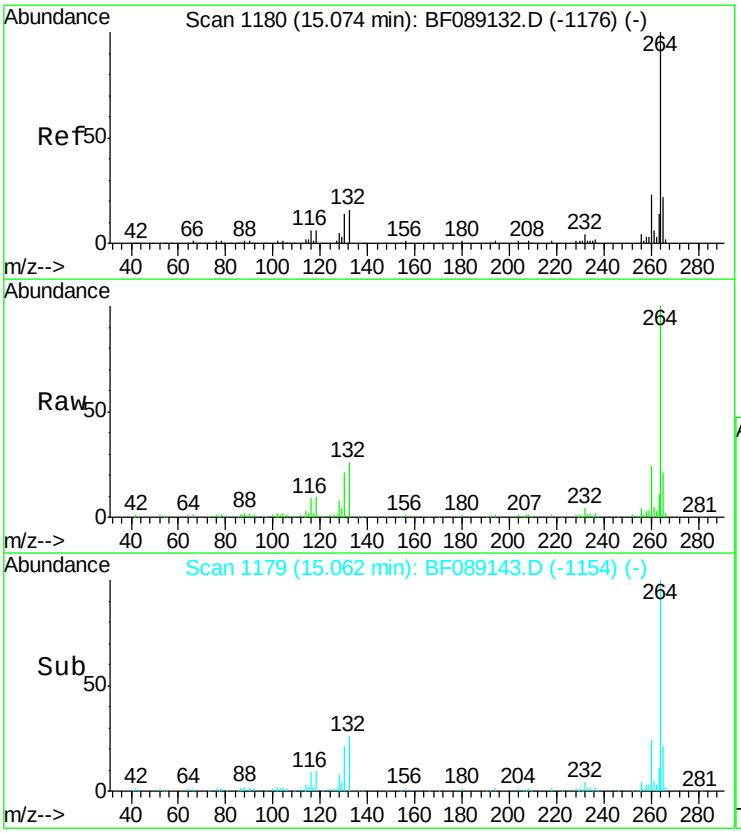
#78
Terphenyl-d14
Concen: 56.03 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2016-01

Tgt Ion:244 Resp: 572739

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	16.1	13.8	20.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089143.D
Acq: 20 Jul 2016 20:53

Tgt Ion:264 Resp: 176204

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.3	17.3	25.9