Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
Data File : BF076729.D
Acq On : 2 Jan 2015 17:45
Operator : IZ / TP
Sample : G1001-05
Misc : LOD-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2015-01

Quant Time: Jan 05 10:04:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 02 22:56:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	41415	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	171930	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	94086	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	160119	20.00	ng	0.00
75) Chrysene-d12	15.51	240	158331	20.00	ng	0.00
86) Perylene-d12	17.19	264	144519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	307781	125.99	ng	0.01
7) Phenol-d6	6.31	99	402710	134.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	232155	80.30	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	103854	130.60	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	470859	77.88	ng	-0.01
78) Terphenyl-d14	14.25	244	509556	70.99	ng	-0.01
Target Compounds						Qvalue
3) Pyridine	1.99	79	11697	4.45	ng	# 71
4) n-Nitrosodimethylamine	1.90	42	6971	5.48	ng	# 87
32) Benzoic acid	8.06	122	3706	7.27	ng	92
53) 2,4-Dinitrophenol	10.58	184	811	4.90	ng	# 75
55) 4-Nitrophenol	10.68	139	4797m	4.04	ng	

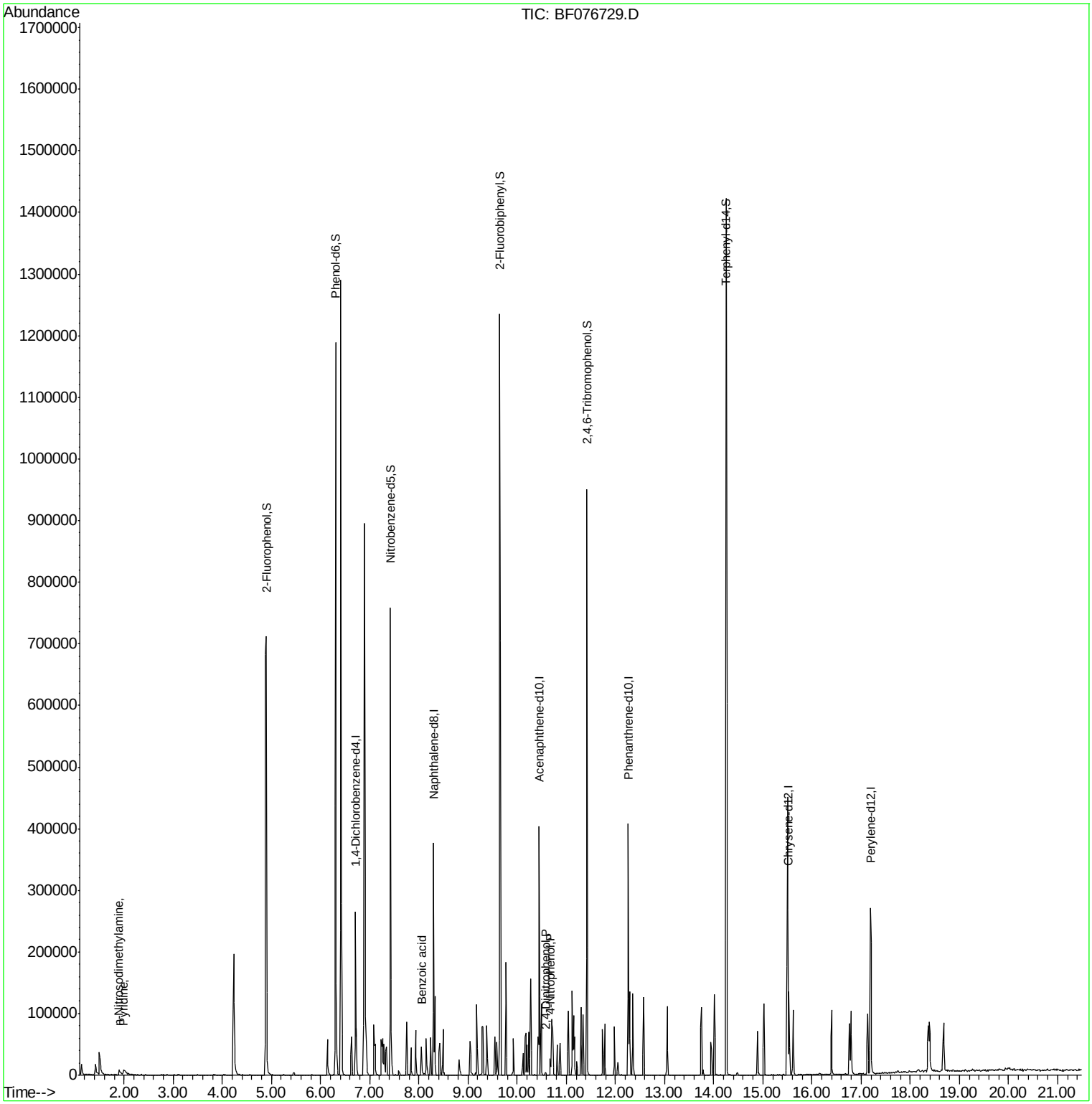
(#) = qualifier out of range (m) = manual integration (+) = signals summed

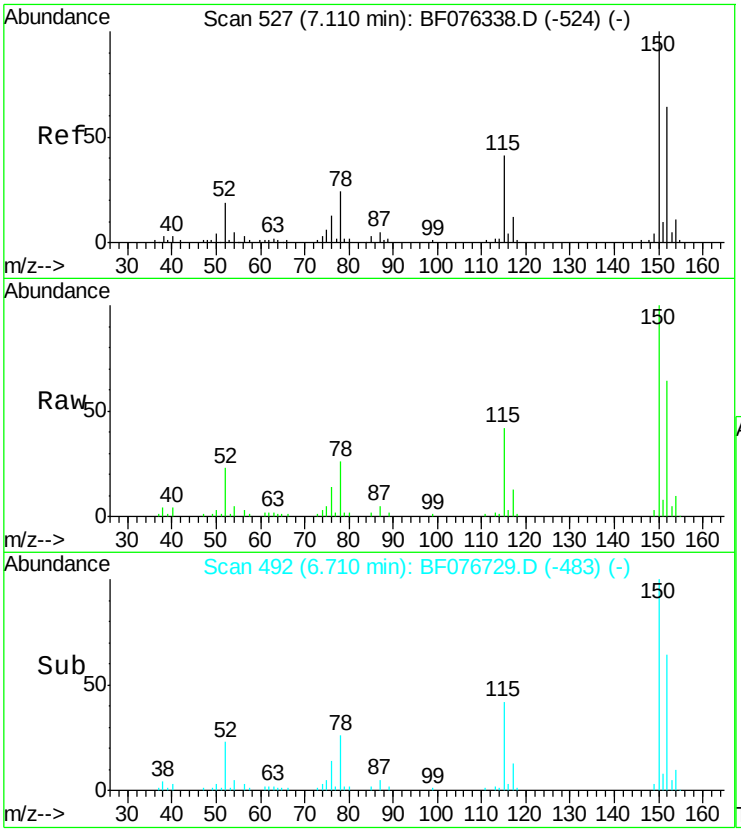
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
Data File : BF076729.D
Acq On : 2 Jan 2015 17:45
Operator : IZ / TP
Sample : G1001-05
Misc : LOD-WATER-8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Quant Time: Jan 05 10:04:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 02 22:56:46 2015
Response via : Initial Calibration



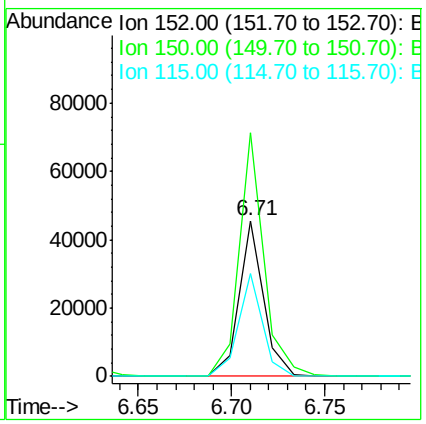


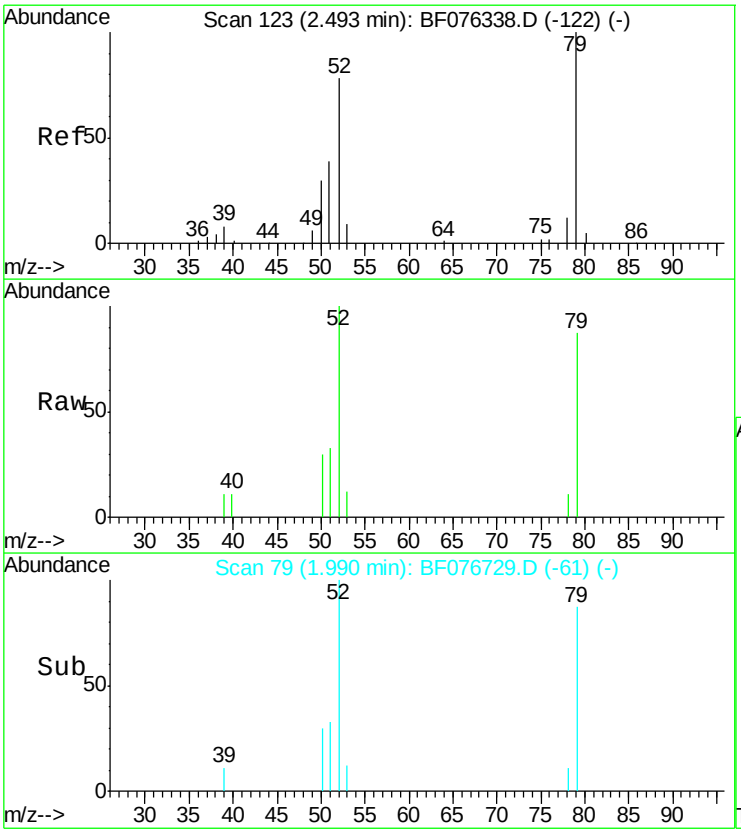
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 41415

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	66.1	51.4	77.0

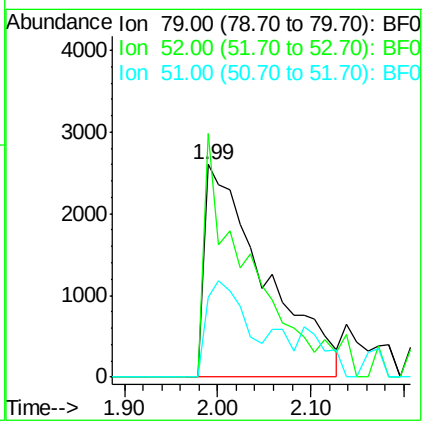


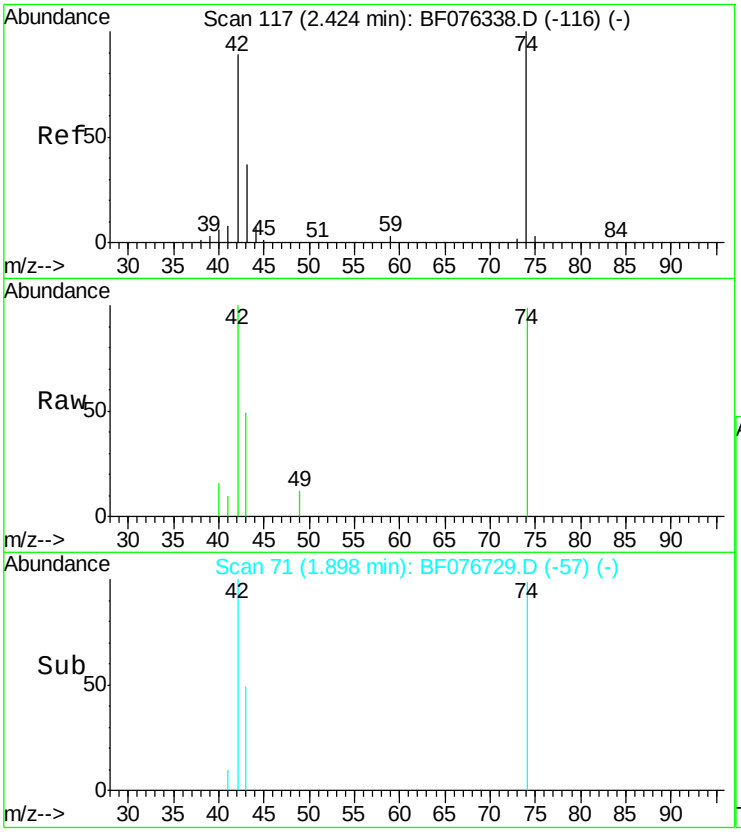


#3
Pyridine
Concen: 4.45 ng
RT: 1.99 min Scan# 79
Delta R.T. 0.10 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion: 79 Resp: 11697

Ion	Ratio	Lower	Upper
79	100		
52	114.7	62.2	93.4#
51	37.5	32.1	48.1

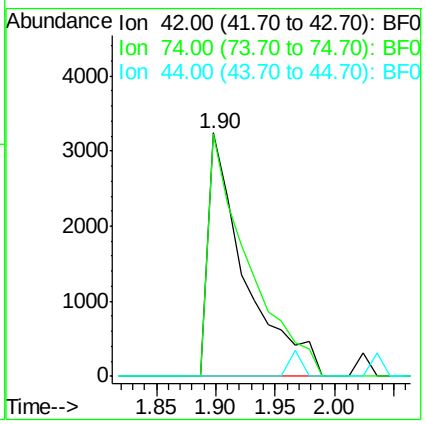




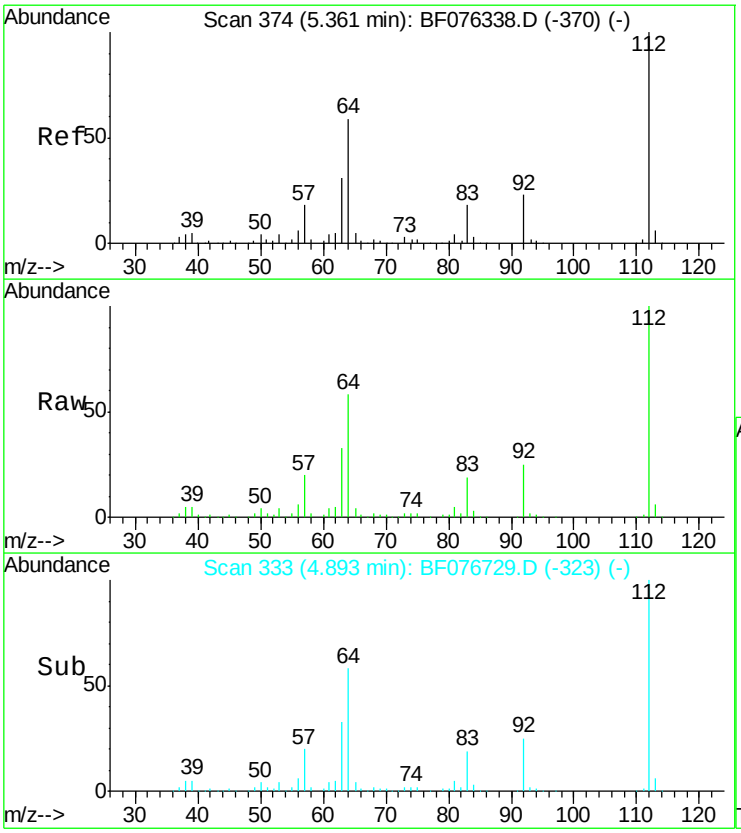
#4
n-Nitrosodimethylamine
Concen: 5.48 ng
RT: 1.90 min Scan# 71
Delta R.T. 0.06 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion: 42 Resp: 6971

Ion	Ratio	Lower	Upper
42	100		
74	99.4	89.9	134.9
44	0.0	6.4	9.6#



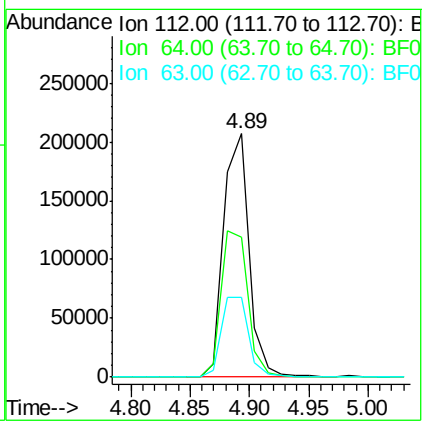
Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

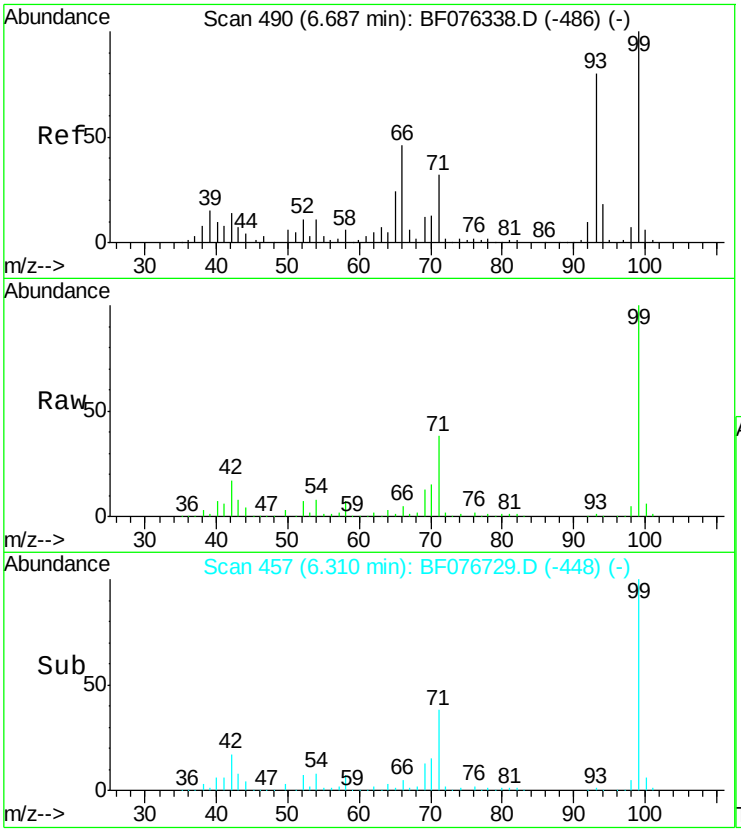


#5
2-Fluorophenol
Concen: 125.99 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:112 Resp: 307781

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.4	71.0
63	32.7	25.0	37.4



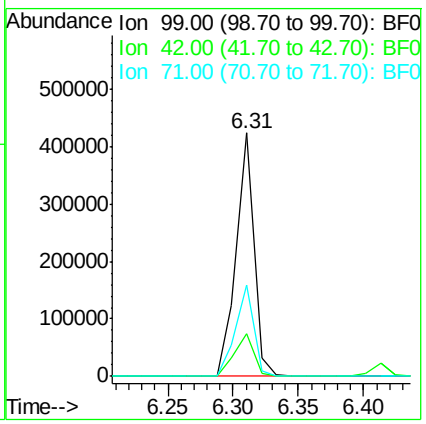


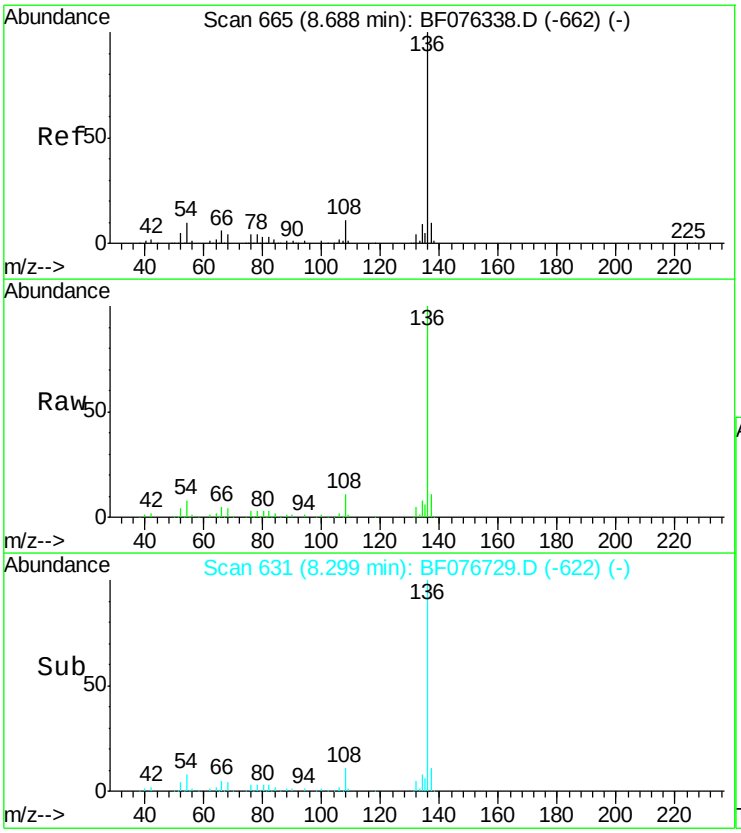
#7
Phenol-d6
Concen: 134.97 ng
RT: 6.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 99 Resp: 402710

Ion	Ratio	Lower	Upper
99	100		
42	17.4	11.6	17.4
71	37.5	25.9	38.9

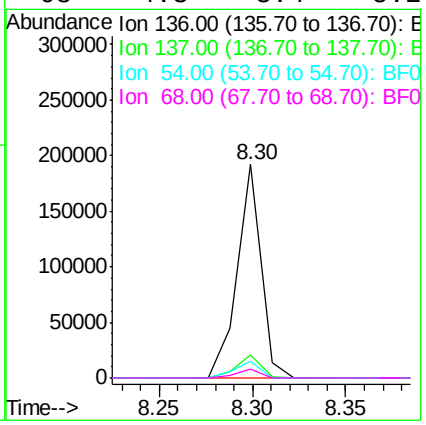


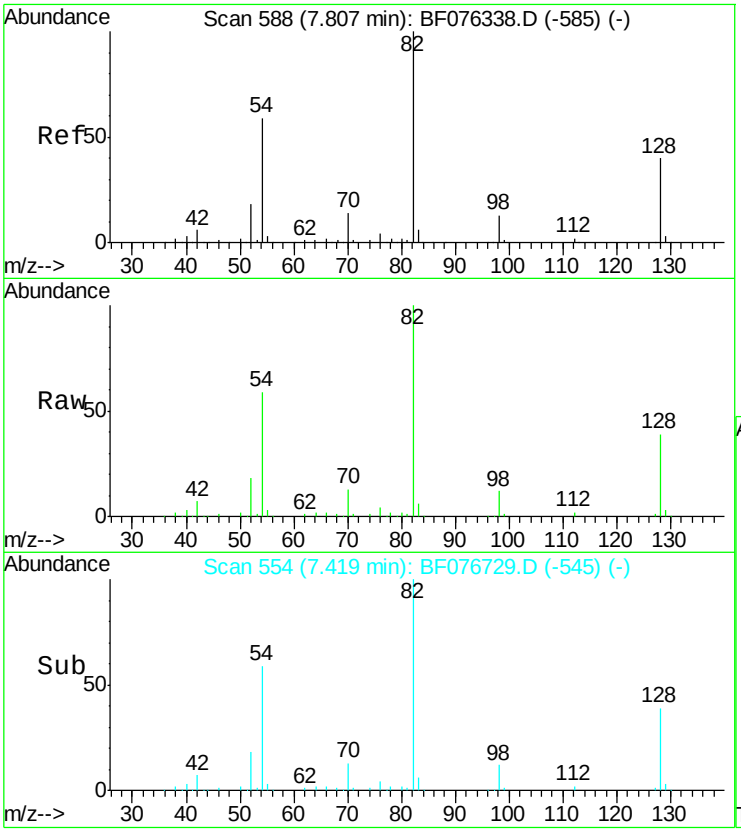


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:136 Resp: 171930

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.8	7.8	11.6#
68	4.3	3.4	5.2



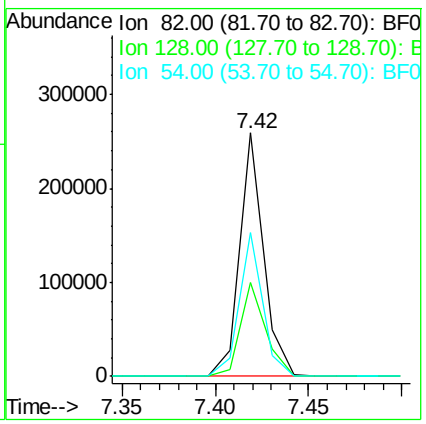


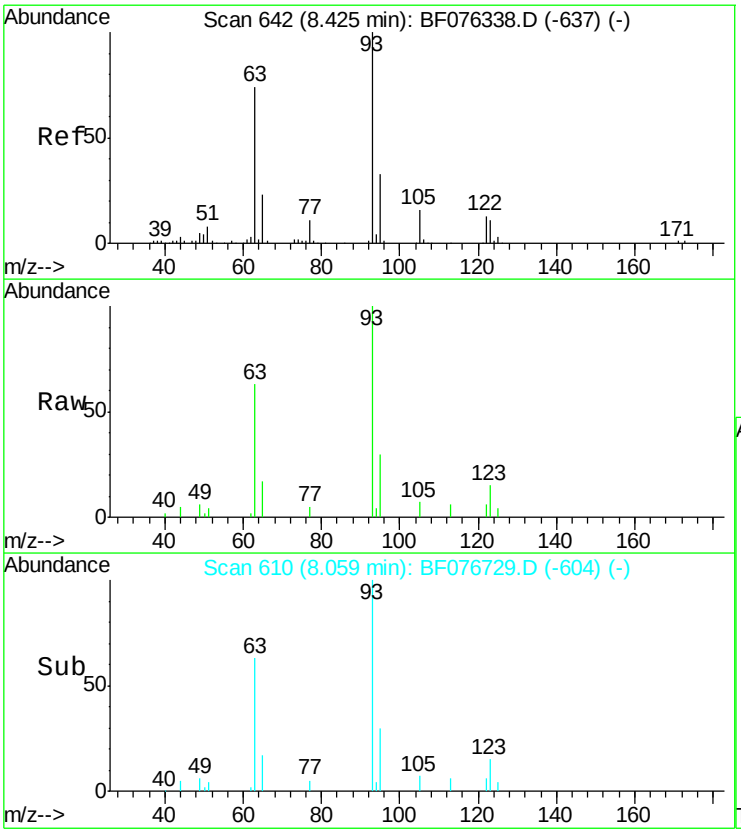
#23
Nitrobenzene-d5
Concen: 80.30 ng
RT: 7.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 82 Resp: 232155

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.9	47.9
54	58.8	47.2	70.8

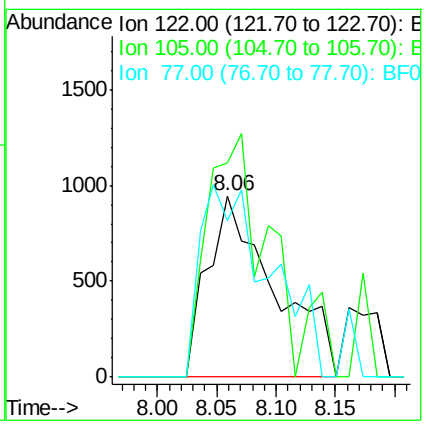


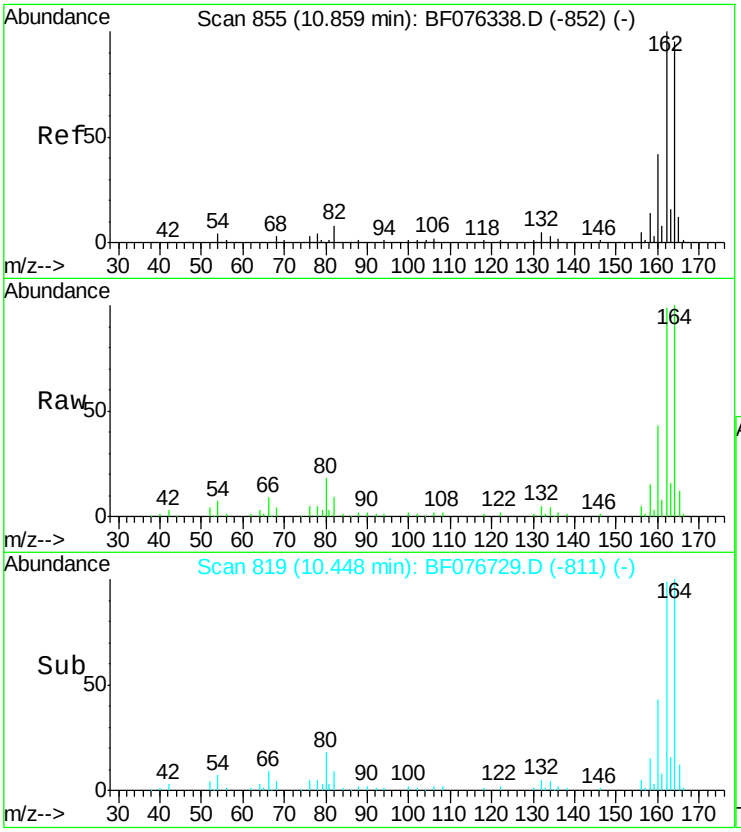


#32
Benzoic acid
Concen: 7.27 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:122 Resp: 3706

Ion	Ratio	Lower	Upper
122	100		
105	118.5	110.2	150.2
77	86.1	70.7	110.7



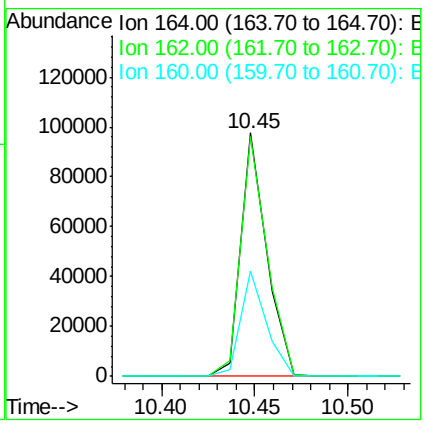


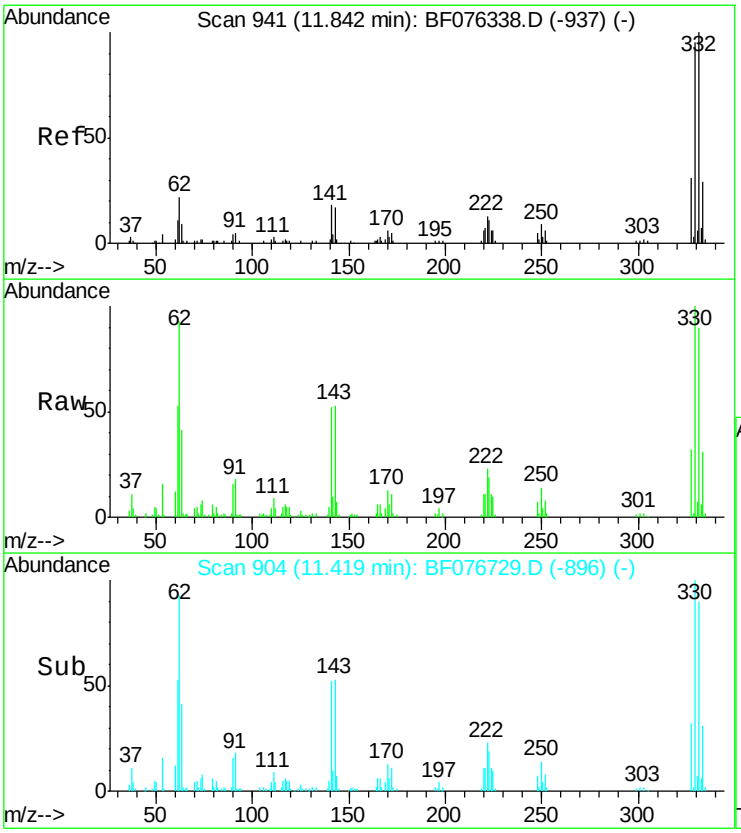
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:164 Resp: 94086

Ion	Ratio	Lower	Upper
164	100		
162	98.6	84.2	126.2
160	43.3	35.5	53.3

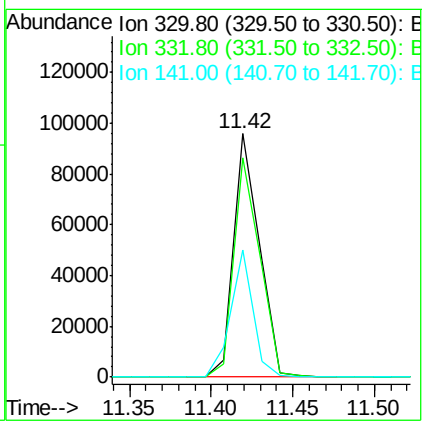


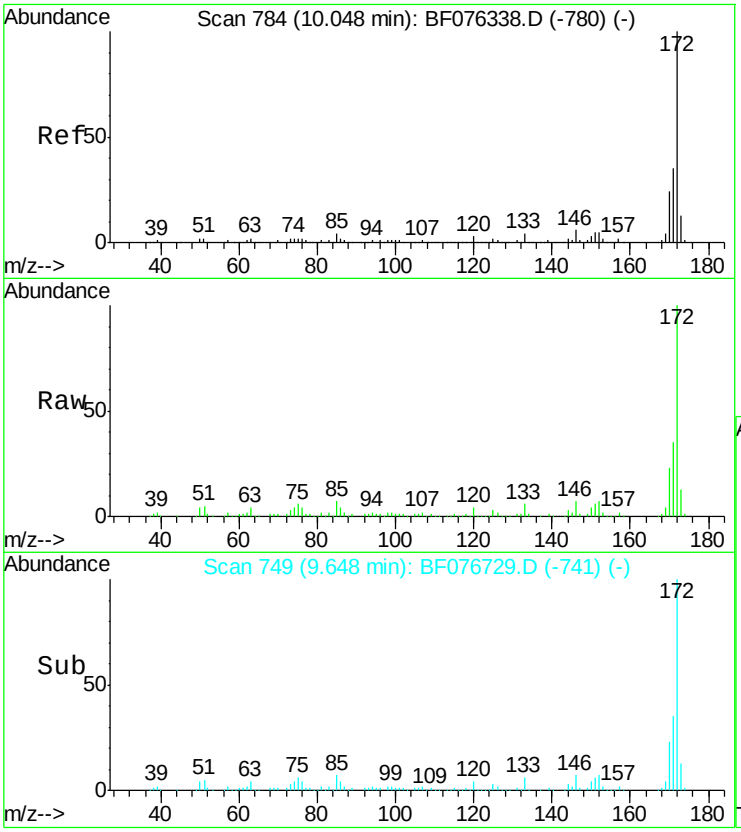


#41
2,4,6-Tribromophenol
Concen: 130.60 ng
RT: 11.42 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:330 Resp: 103854

Ion	Ratio	Lower	Upper
330	100		
332	90.9	0.0	0.0#
141	45.5	0.0	0.0#



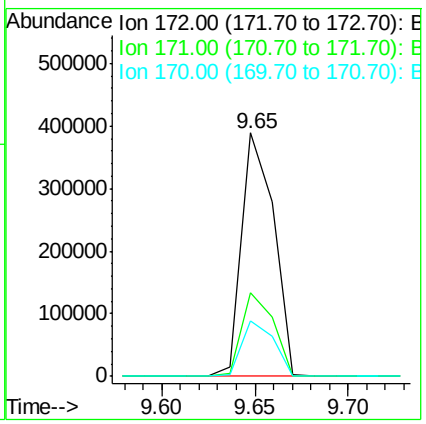


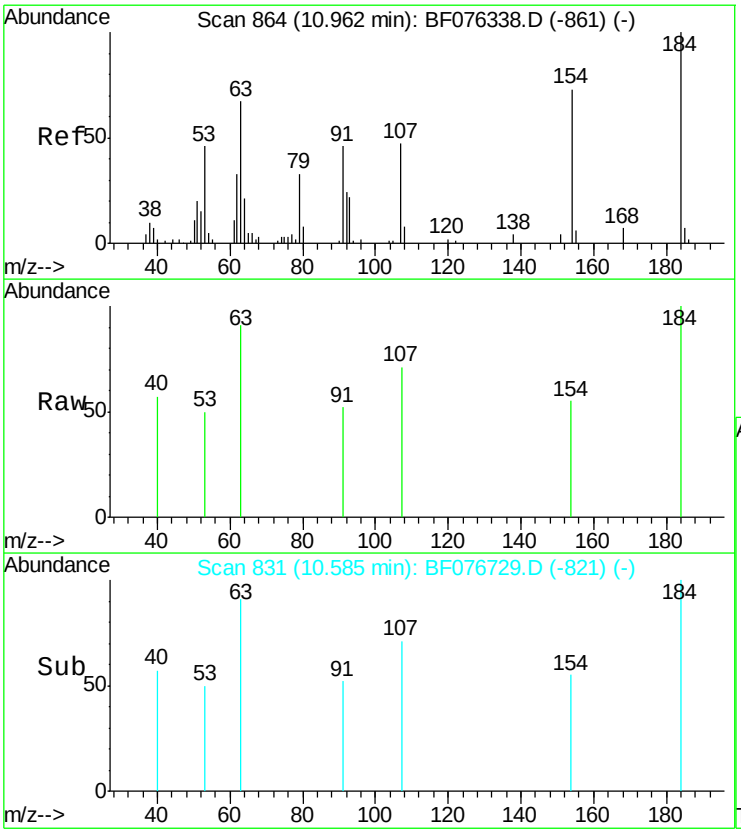
#44
2-Fluorobiphenyl
Concen: 77.88 ng
RT: 9.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:172 Resp: 470859

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.0	19.0	28.4

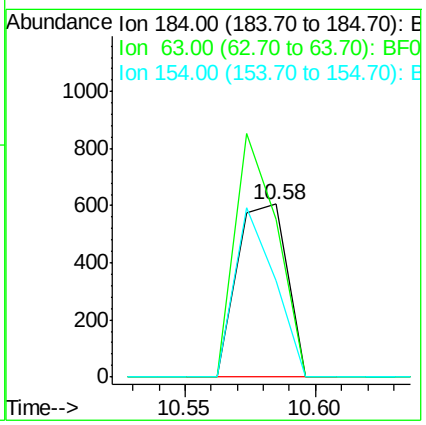


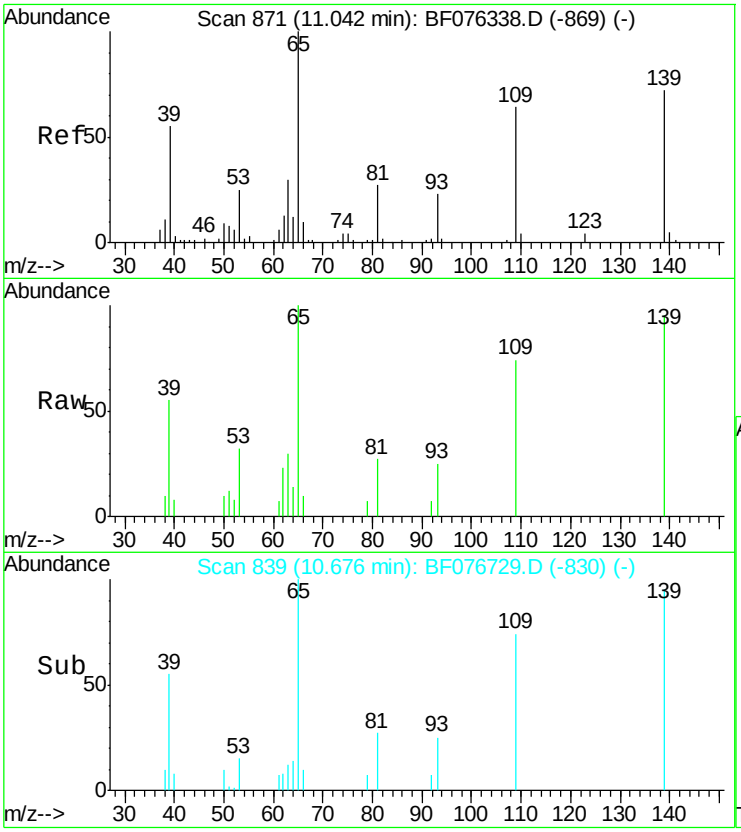


#53
2,4-Dinitrophenol
Concen: 4.90 ng
RT: 10.58 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:184 Resp: 811

Ion	Ratio	Lower	Upper
184	100		
63	90.9	53.4	80.0#
154	55.4	58.5	87.7#



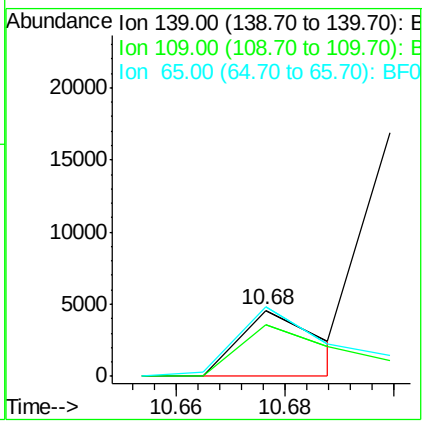


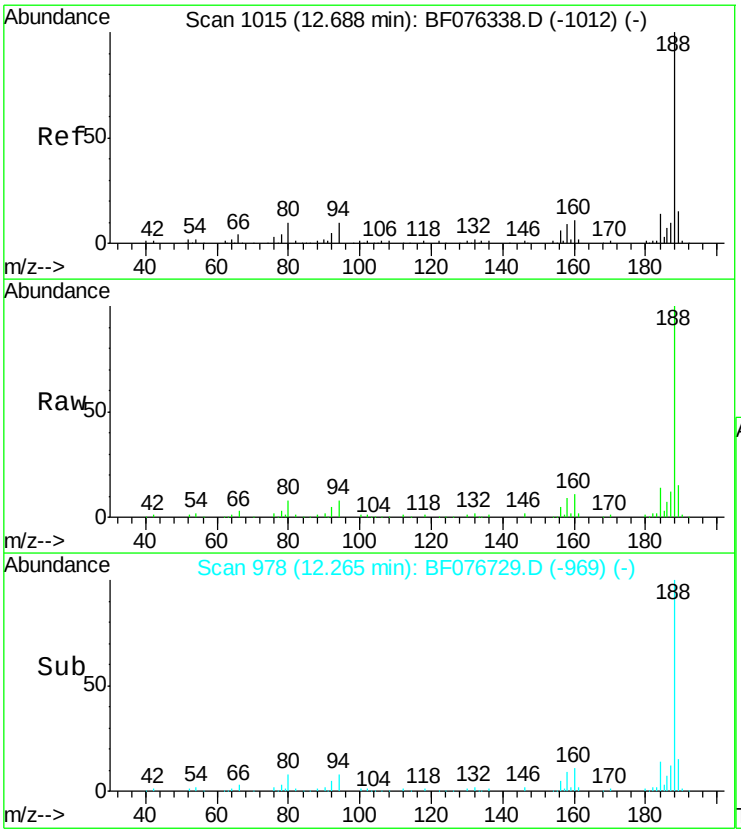
#55
4-Nitrophenol
Concen: 4.04 ng m
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:139 Resp: 4797

Ion	Ratio	Lower	Upper
139	100		
109	78.4	69.1	109.1
65	105.5	119.8	159.8#

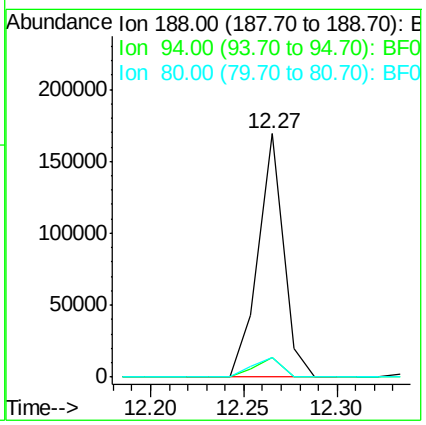


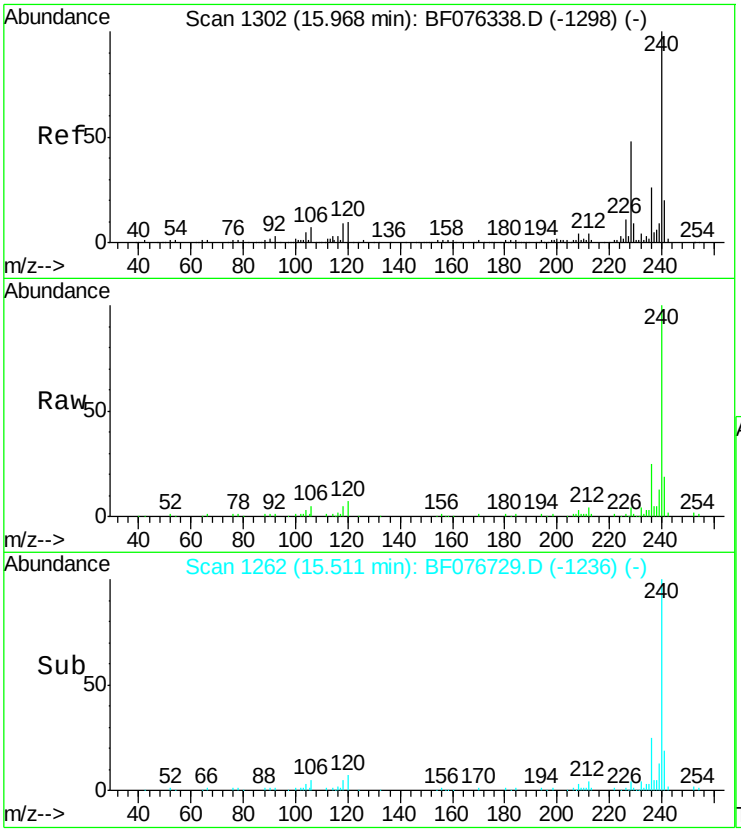


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:188 Resp: 160119

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.9	11.9
80	8.1	8.2	12.2#



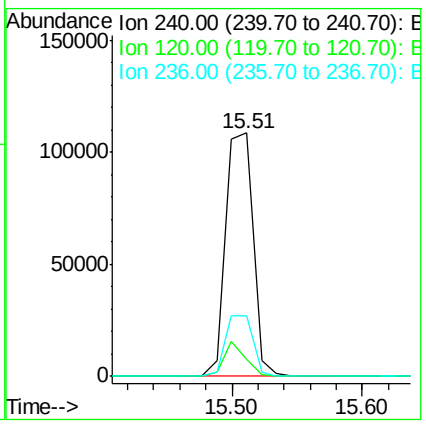


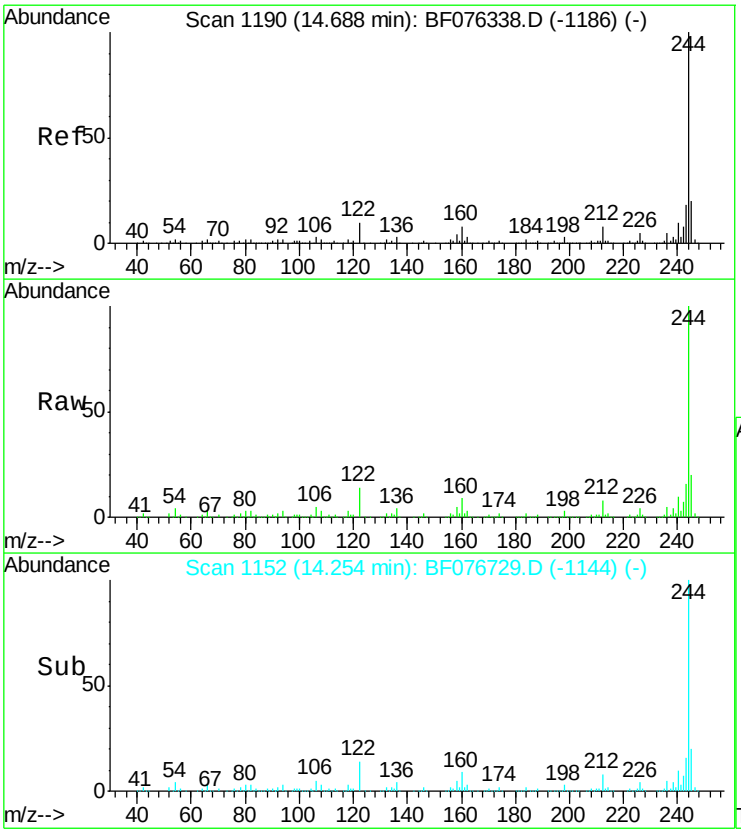
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:240 Resp: 158331

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.0	12.0#
236	24.7	20.6	30.8

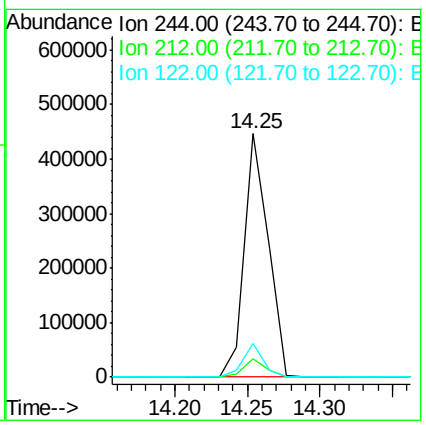


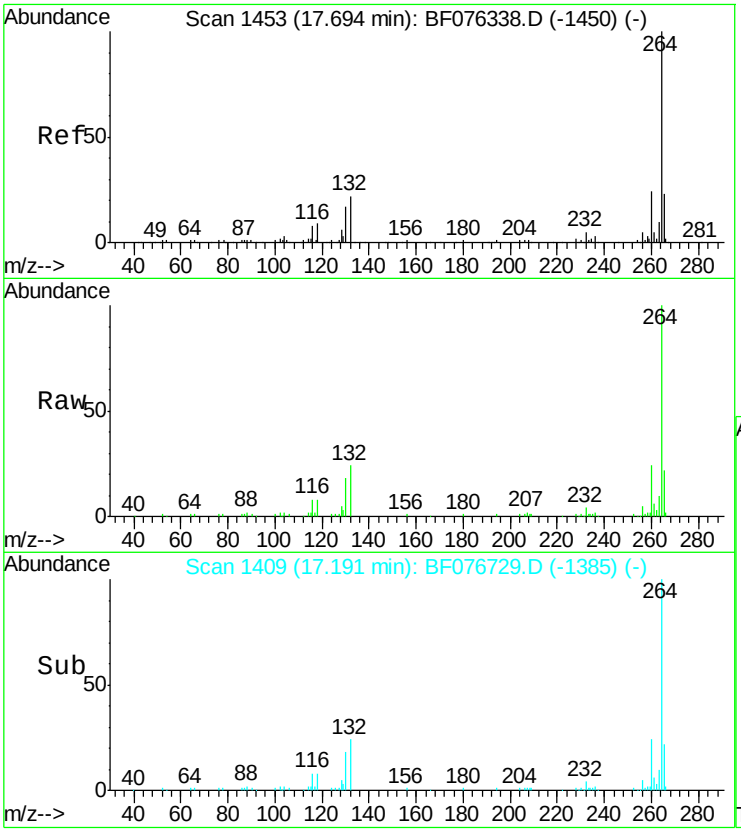


#78
Terphenyl-d14
Concen: 70.99 ng
RT: 14.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Tgt Ion:244 Resp: 509556

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.8	8.2	12.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.19 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF076729.D
Acq: 2 Jan 2015 17:45

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:264 Resp: 144519

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	18.1	27.1