Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010215\
Data File : BF076728.D
Acq On : 2 Jan 2015 17:17
Operator : IZ / TP
Sample : G1001-05
Misc : LOD-WATER-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-WATER2015-01

Quant Time: Jan 05 10:06:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 03 00:26:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	39025	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	165516	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	93073	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	161556	20.00	ng	0.00
75) Chrysene-d12	15.51	240	148782	20.00	ng	0.00
86) Perylene-d12	17.20	264	135507	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	257876	112.03	ng	0.01
7) Phenol-d6	6.31	99	343059	122.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	198566	71.35	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	86071	109.42	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	408711	68.34	ng	-0.01
78) Terphenyl-d14	14.25	244	428641	63.55	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.30	93	12195m	3.04	ng	
40) Hexachlorocyclopentadiene	9.37	237	1780	8.02	ng	76
64) 4,6-Dinitro-2-methylphenol	11.21	198	1501	1.49	ng	85

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

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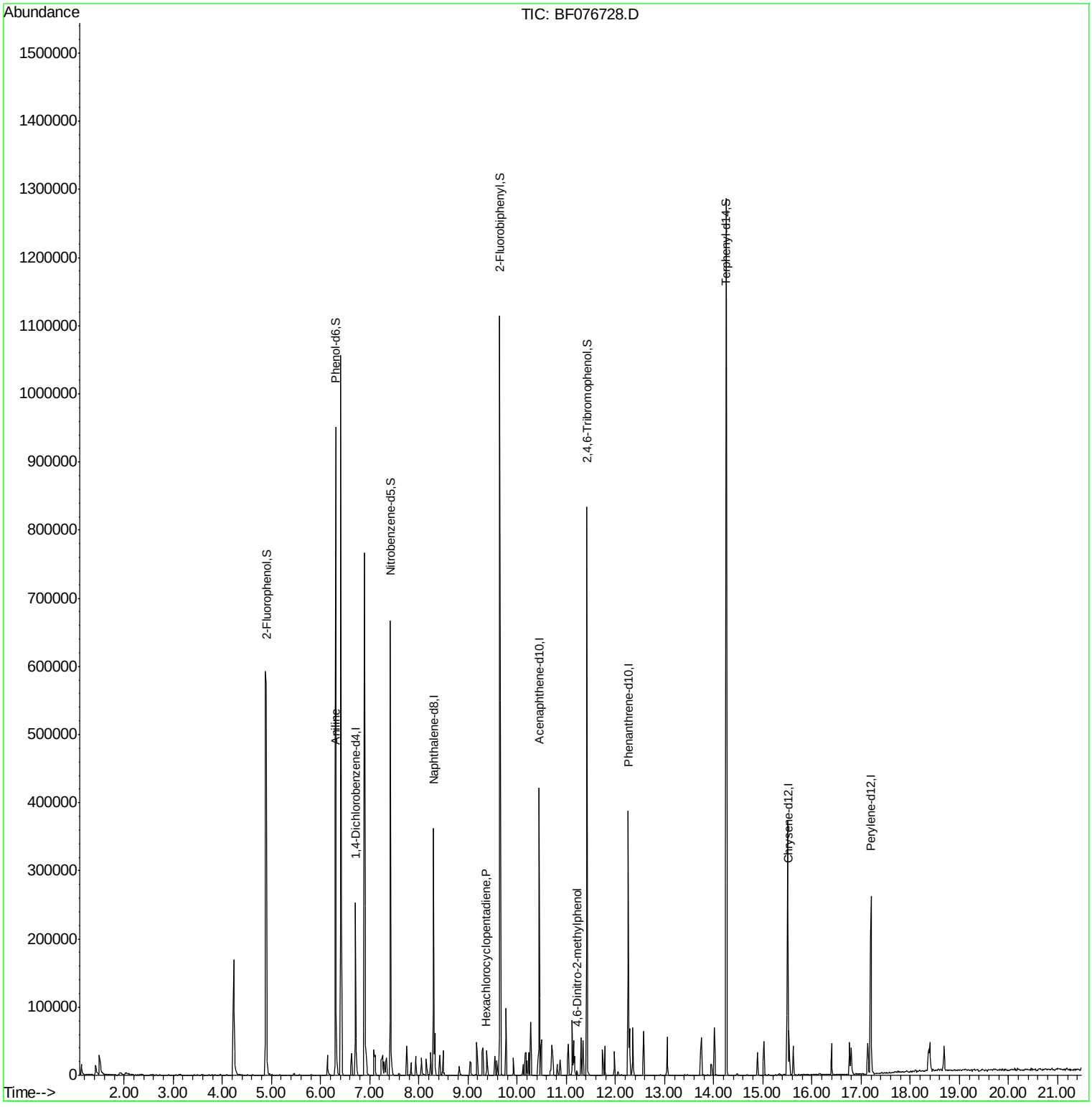
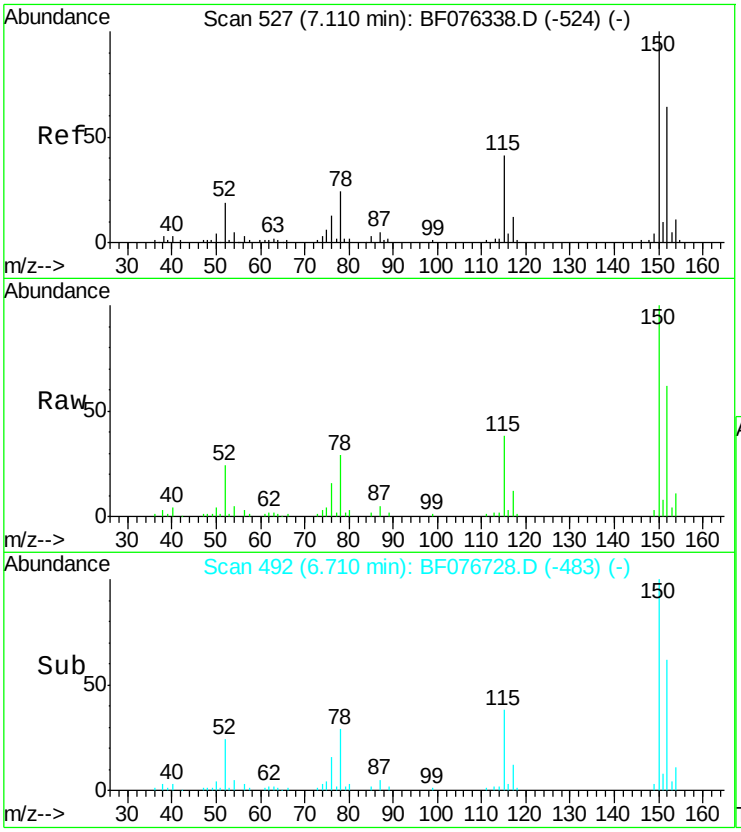


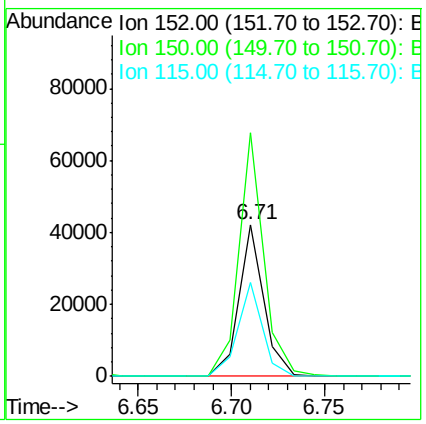


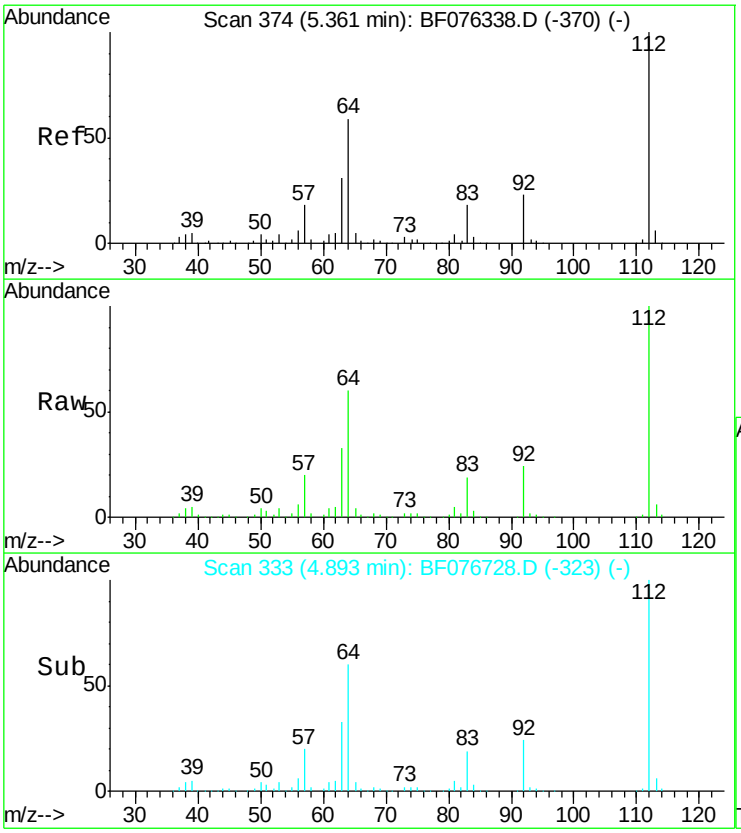
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:152 Resp: 39025

Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.2	187.8
115	61.7	51.4	77.0

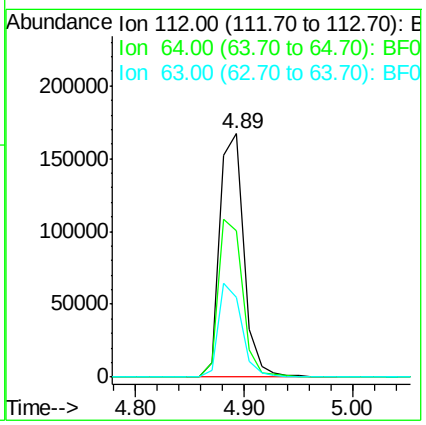


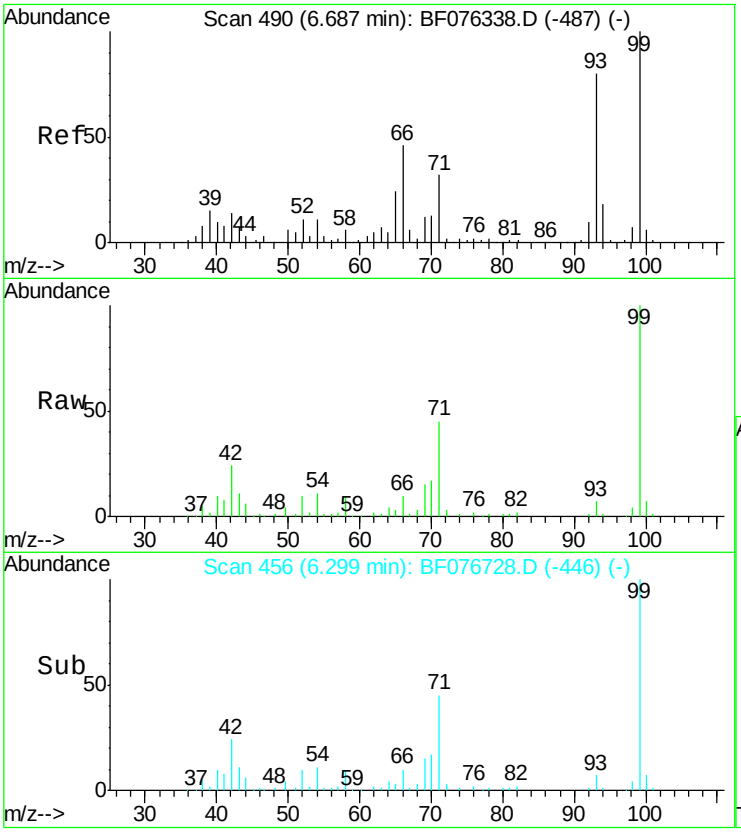


#5
2-Fluorophenol
Concen: 112.03 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:112 Resp: 257876

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.4	71.0
63	32.8	25.0	37.4



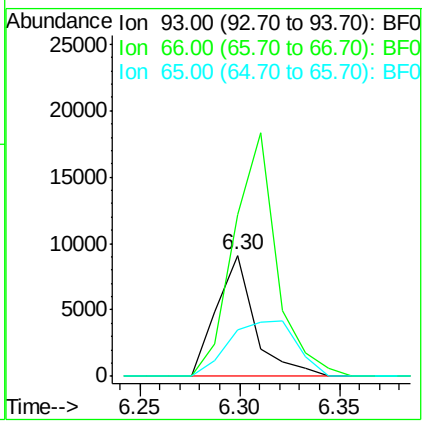


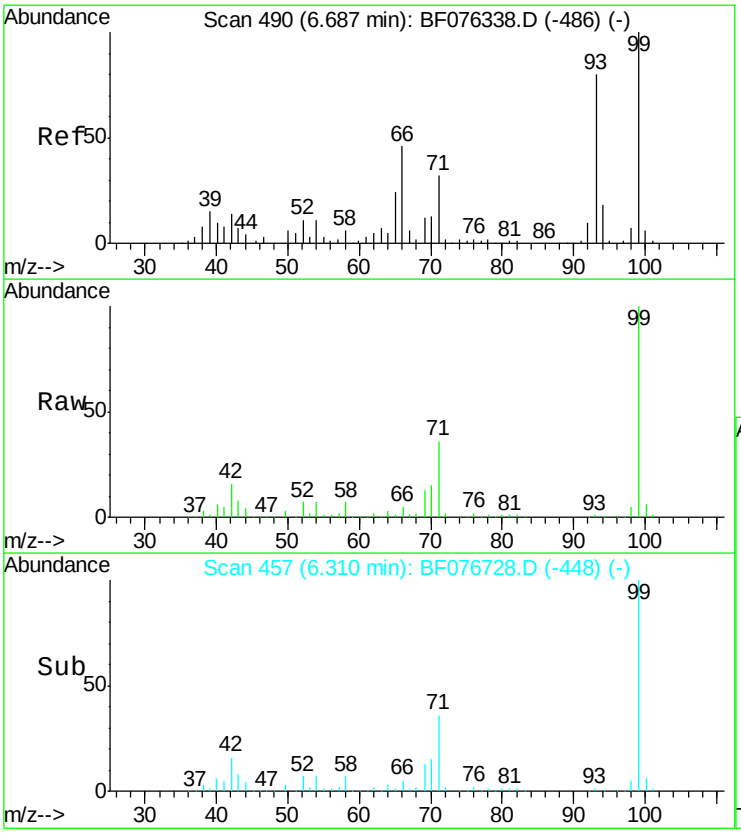
#6
Aniline
Concen: 3.04 ng m
RT: 6.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 93 Resp: 12195

Ion	Ratio	Lower	Upper
93	100		
66	133.9	45.7	68.5#
65	38.6	24.3	36.5#

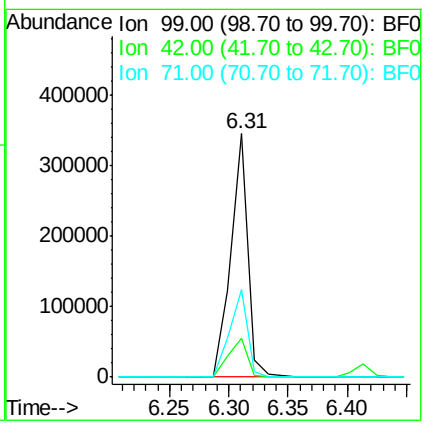


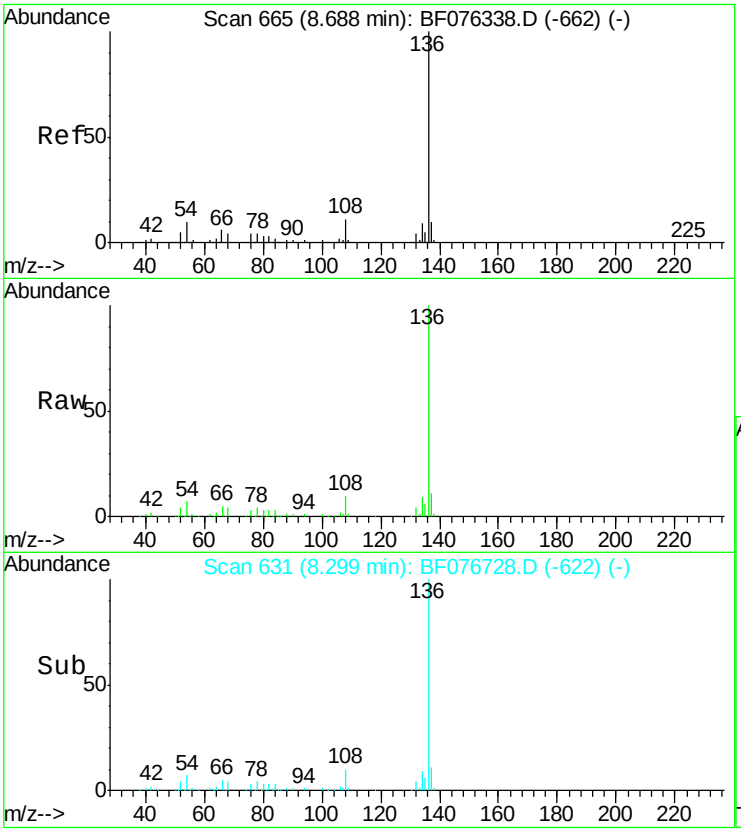


#7
Phenol-d6
Concen: 122.02 ng
RT: 6.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion: 99 Resp: 343059

Ion	Ratio	Lower	Upper
99	100		
42	16.0	11.6	17.4
71	36.2	25.9	38.9



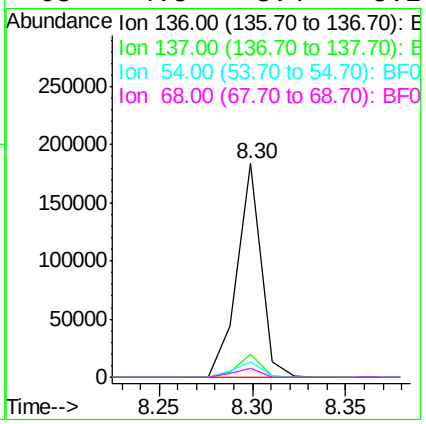


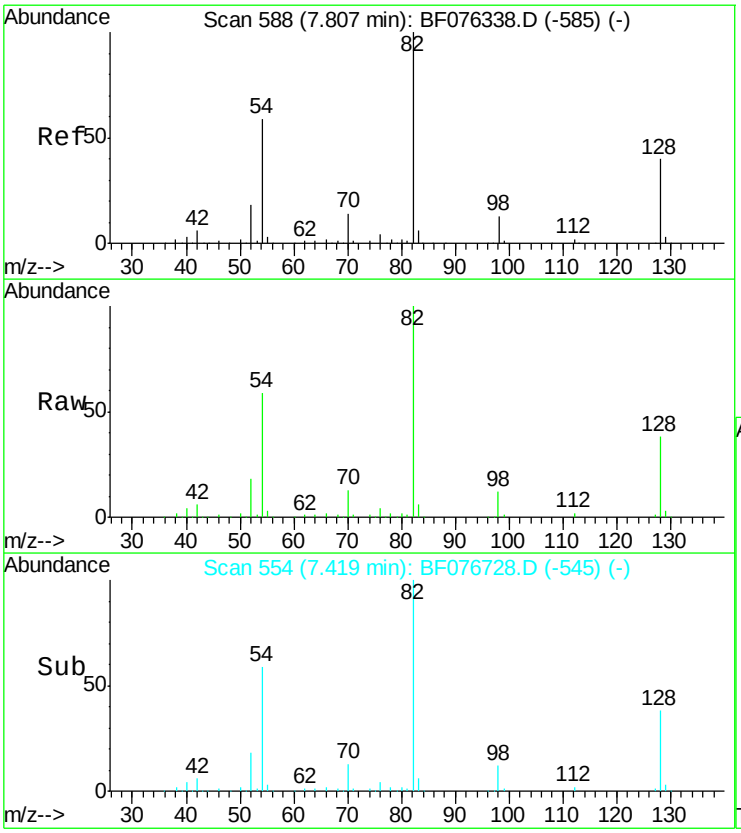
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:136 Resp: 165516

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.2	7.8	11.6#
68	4.5	3.4	5.2

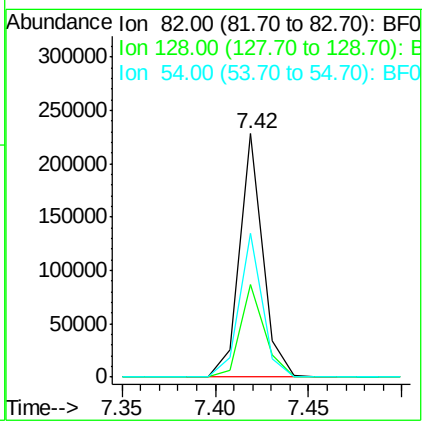


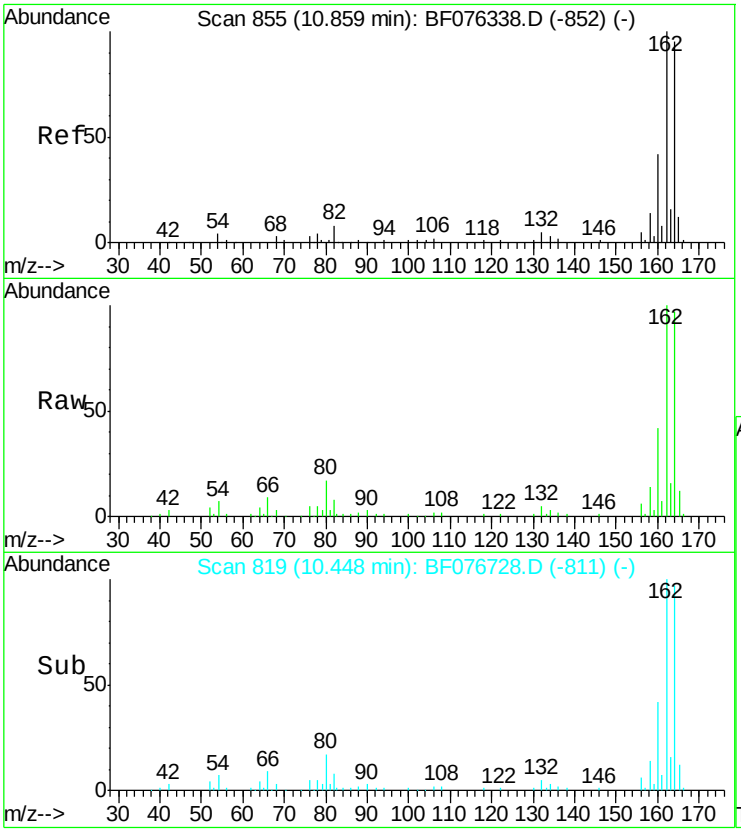


#23
Nitrobenzene-d5
Concen: 71.35 ng
RT: 7.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion: 82 Resp: 198566

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.9	47.9
54	59.0	47.2	70.8



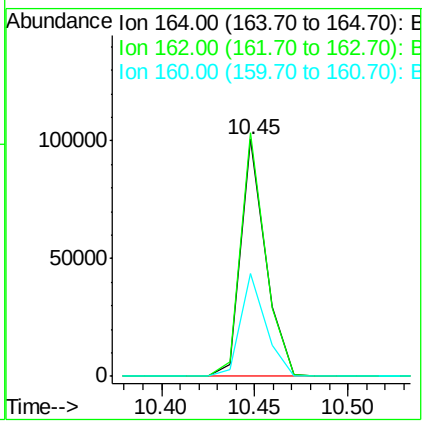


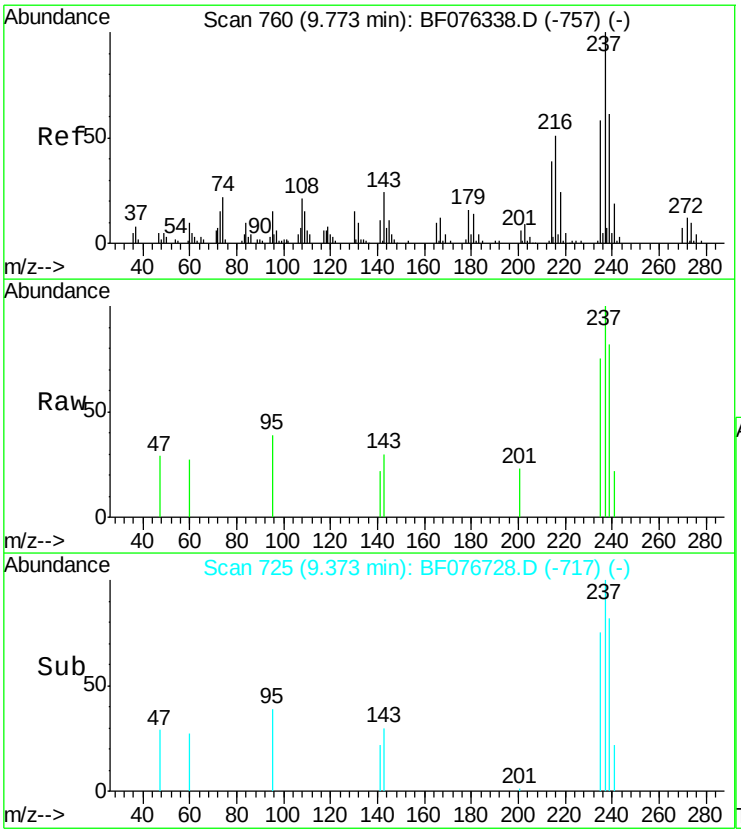
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:164 Resp: 93073

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.2	126.2
160	43.5	35.5	53.3

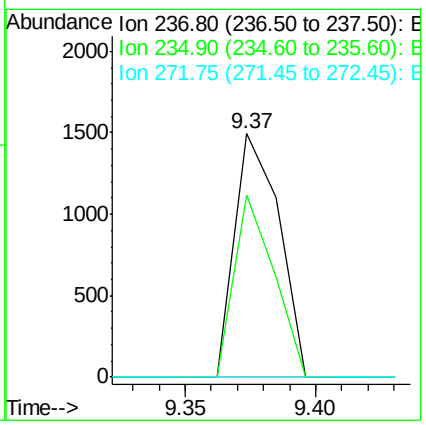


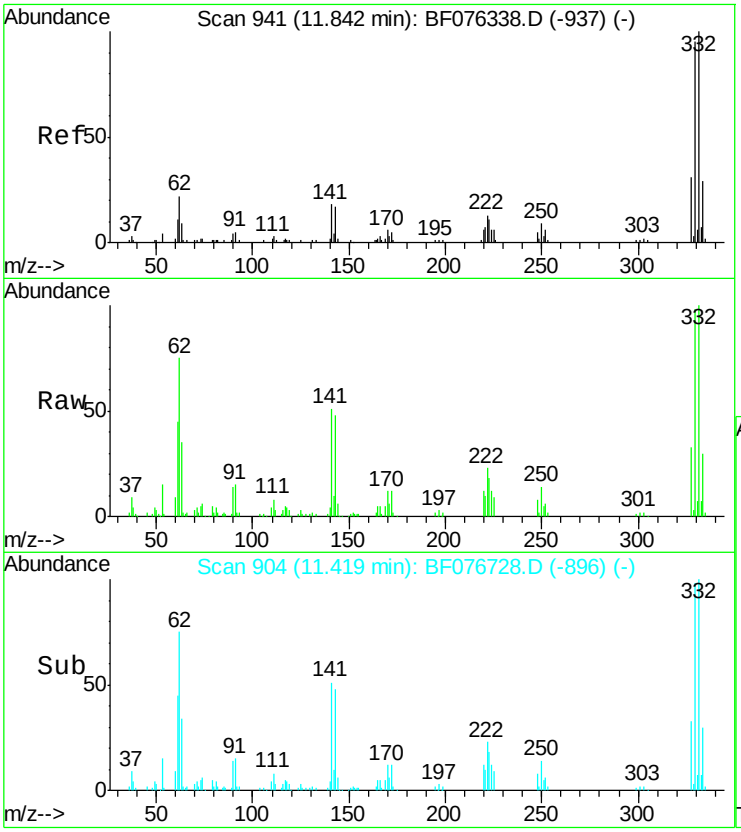


#40
Hexachlorocyclopentadiene
Concen: 8.02 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:237 Resp: 1780

Ion	Ratio	Lower	Upper
237	100		
235	74.9	38.5	78.5
272	0.0	0.0	32.2



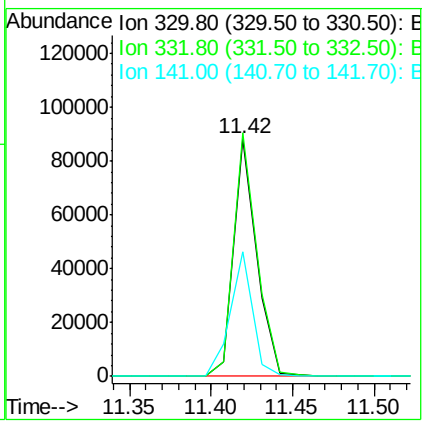


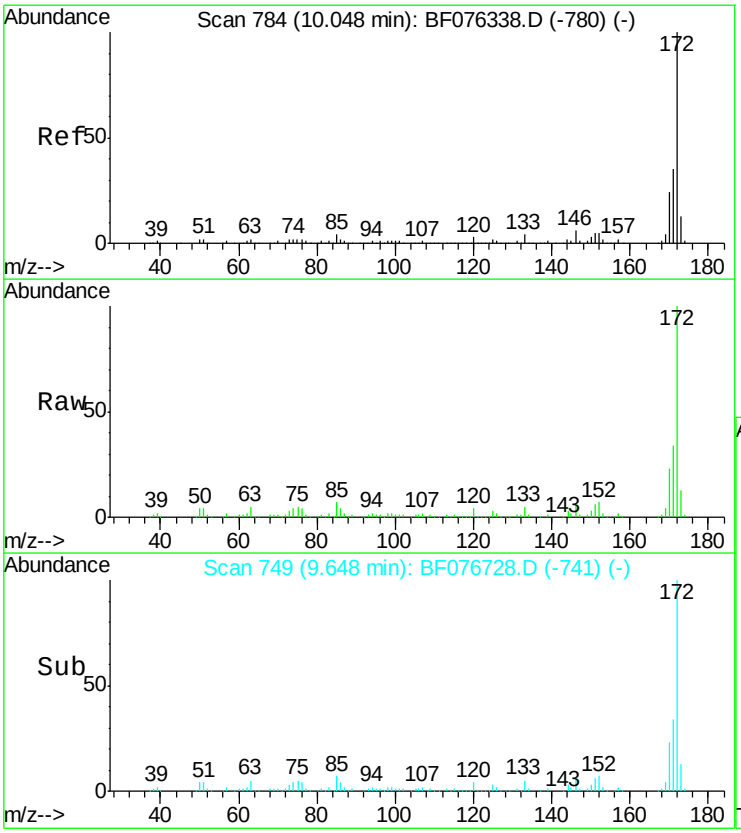
#41
2,4,6-Tribromophenol
Concen: 109.42 ng
RT: 11.42 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:330 Resp: 86071

Ion	Ratio	Lower	Upper
330	100		
332	102.4	0.0	0.0#
141	50.6	0.0	0.0#

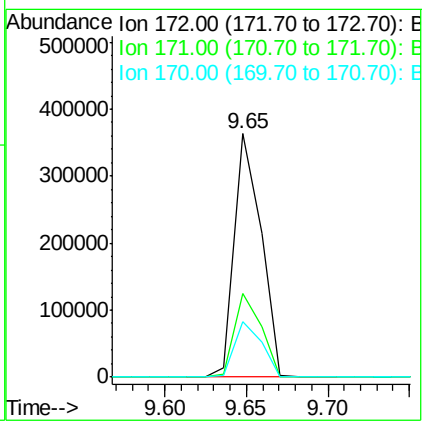


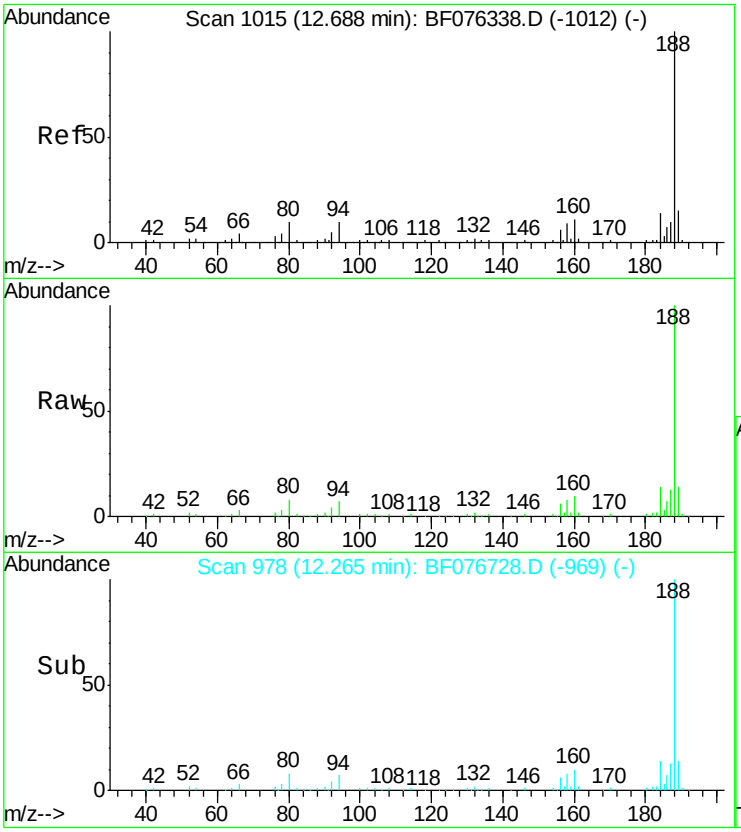


#44
2-Fluorobiphenyl
Concen: 68.34 ng
RT: 9.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:172 Resp: 408711

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.0	19.0	28.4



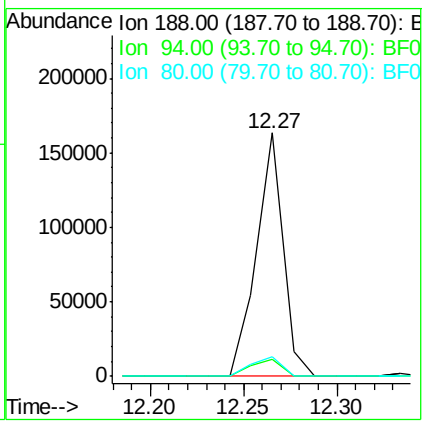


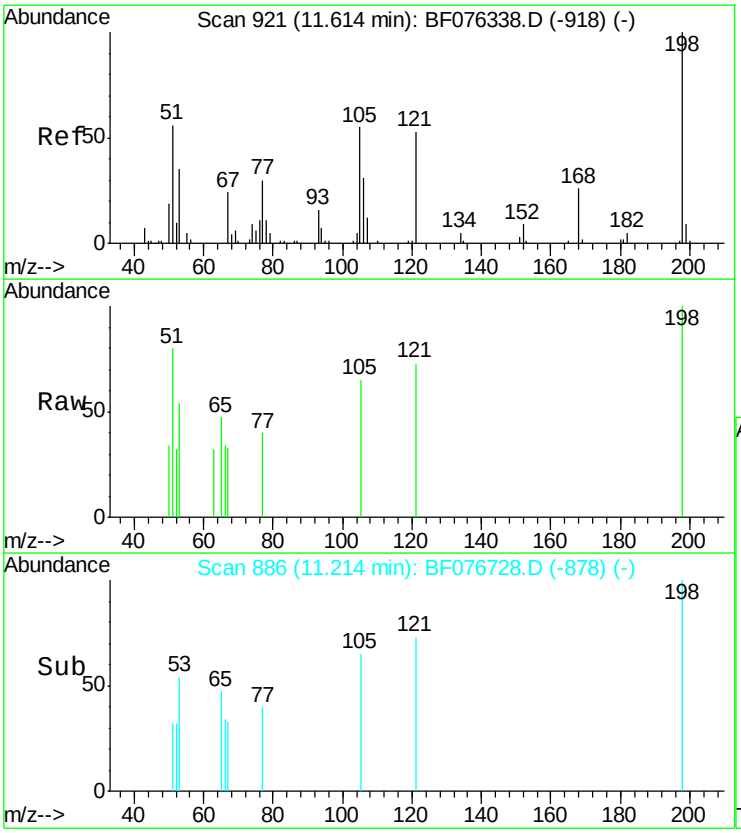
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:188 Resp: 161556

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.9	11.9#
80	8.0	8.2	12.2#

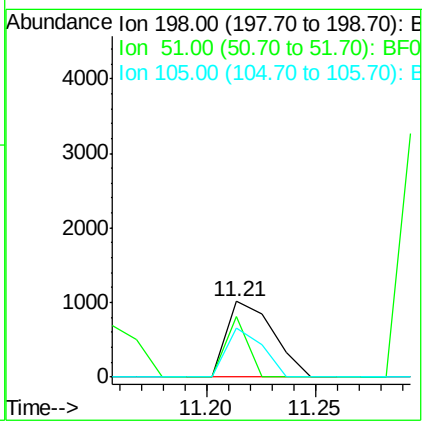


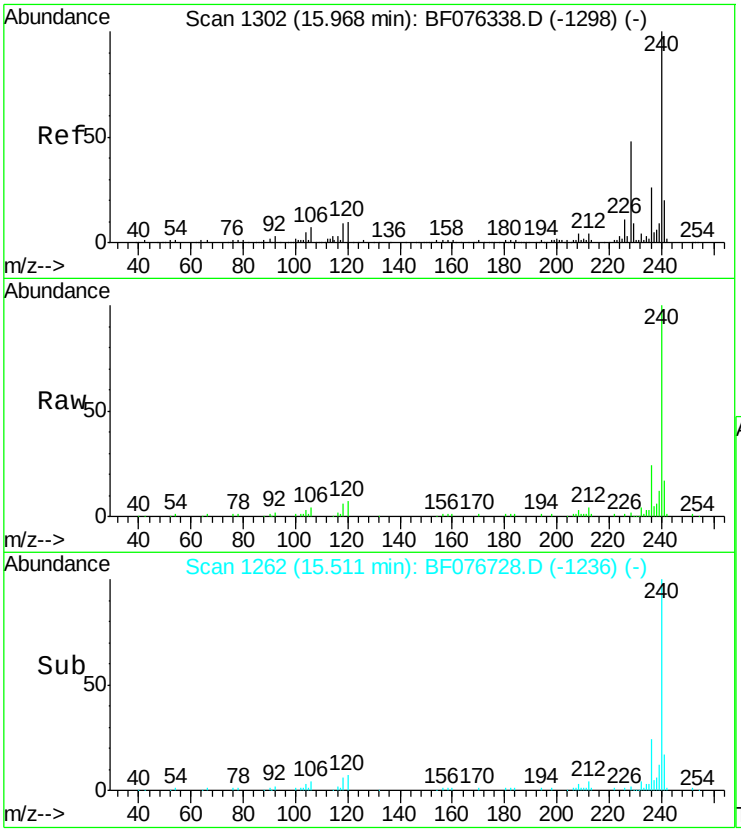


#64
4,6-Dinitro-2-methylphenol
Concen: 1.49 ng
RT: 11.21 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:198 Resp: 1501

Ion	Ratio	Lower	Upper
198	100		
51	79.9	45.3	85.3
105	64.8	36.3	76.3



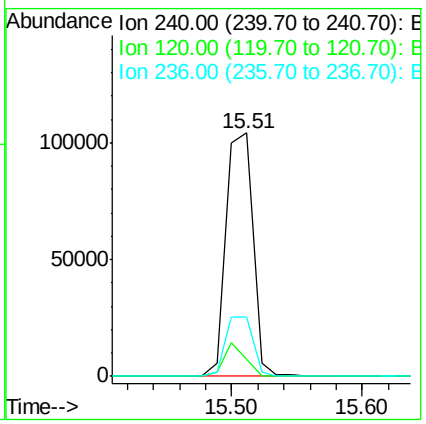


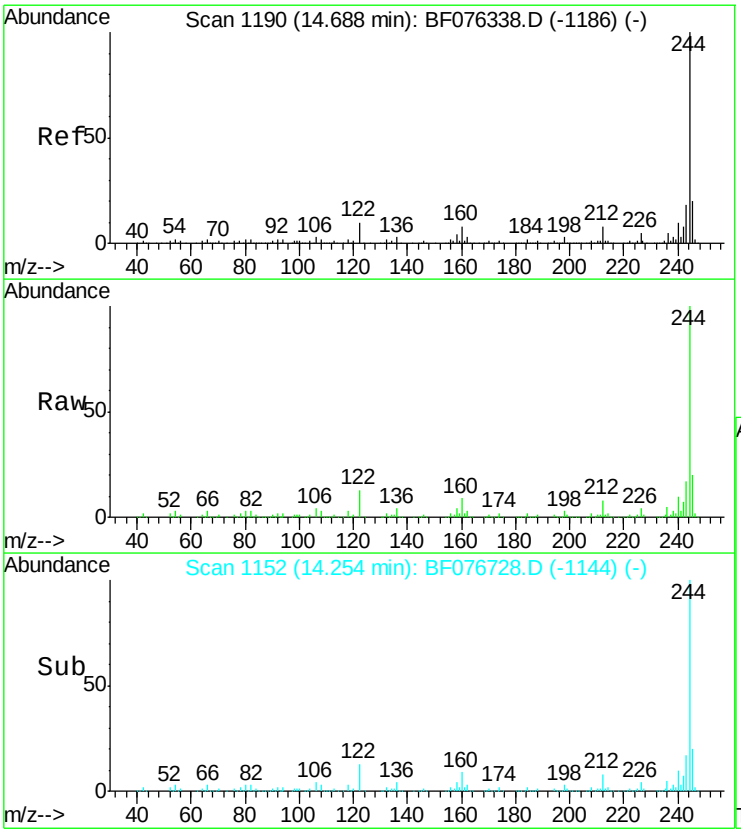
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:240 Resp: 148782

Ion	Ratio	Lower	Upper
240	100		
120	6.8	8.0	12.0#
236	24.4	20.6	30.8

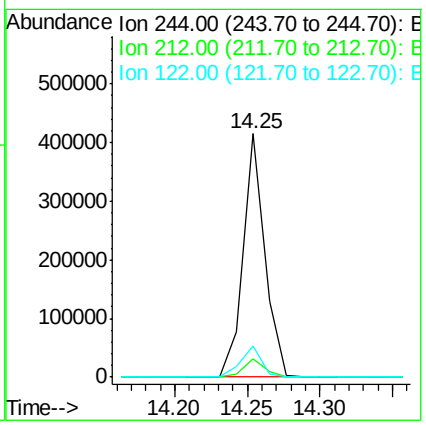


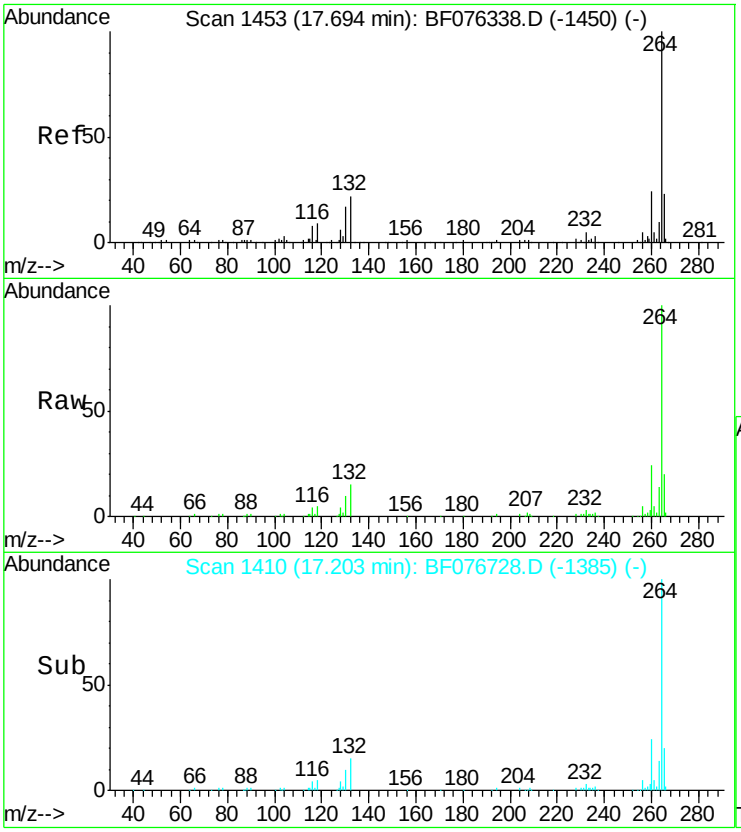


#78
Terphenyl-d14
Concen: 63.55 ng
RT: 14.25 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Tgt Ion:244 Resp: 428641

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	12.9	8.2	12.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.20 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF076728.D
Acq: 2 Jan 2015 17:17

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:264 Resp: 135507

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	20.0	18.1	27.1