Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
Data File : BF106536.D
Acq On : 18 Jun 2018 14:12
Operator : JU/SJ
Sample : J3502-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180367-SITE-WATER

Quant Time: Jun 19 01:06:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124775	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465970	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	217912	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	427986	20.00	ng	0.00
75) Chrysene-d12	14.15	240	304982	20.00	ng	0.00
86) Perylene-d12	15.70	264	242840	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	466062	63.22	ng	0.00
7) Phenol-d6	6.61	99	411586	44.19	ng	0.00
23) Nitrobenzene-d5	7.53	82	687523	86.80	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	303599	144.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1140696	97.18	ng	0.00
78) Terphenyl-d14	13.09	244	1236545	100.70	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	92021	13.169	ng	# 75
25) Isophorone	7.53	82	687515	44.438	ng	# 64
49) Dimethylphthalate	9.71	163	99395	6.384	ng	100
50) 2,6-Dinitrotoluene	10.01	165	27791	8.739	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	27791	6.959	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	779	6.588	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18862	3.875	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
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Misc :
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Instrument :
BNA_F
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20180367-SITE-WATER

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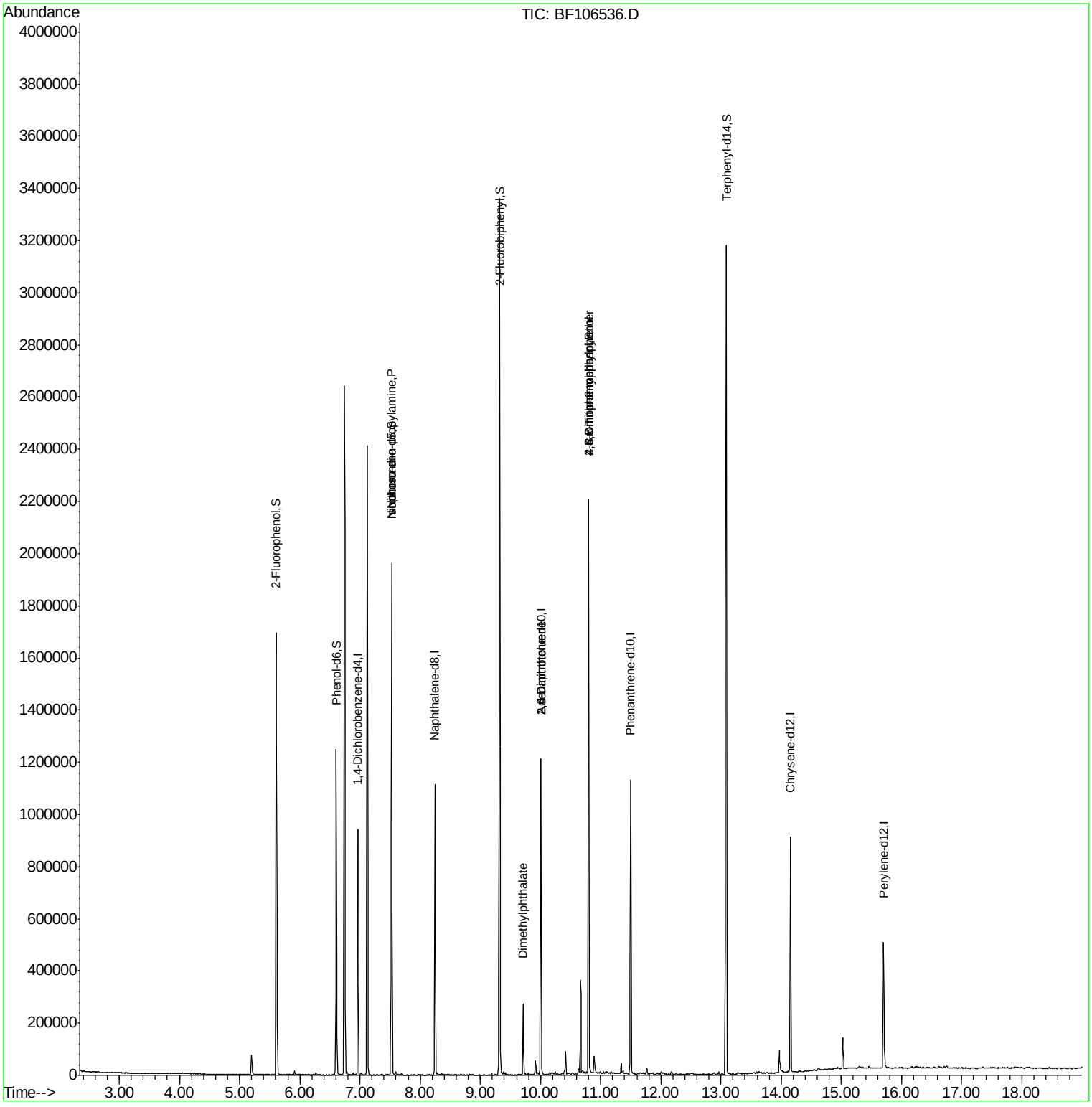
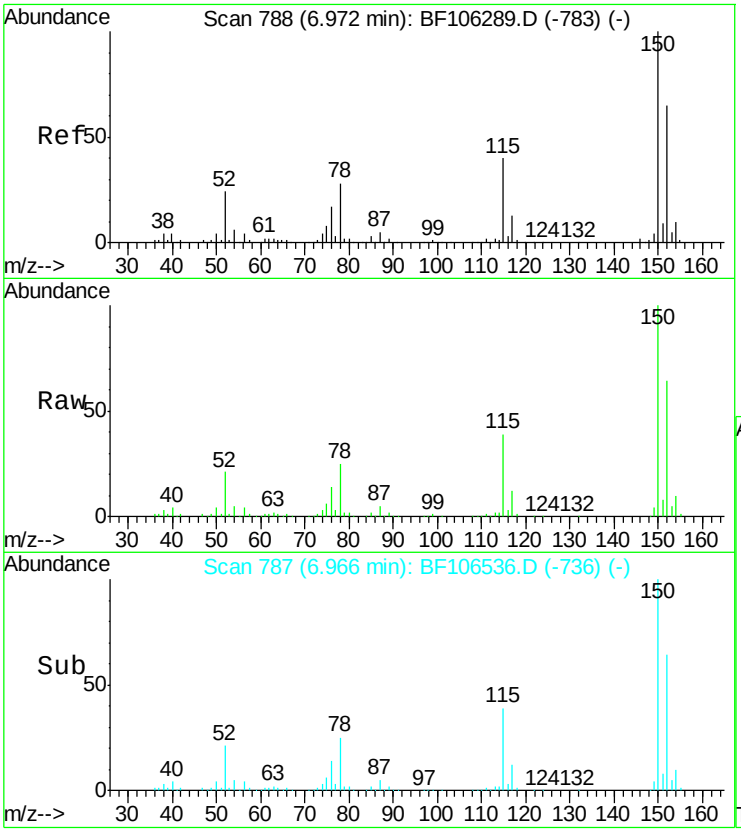
Response via : Initial Calibration



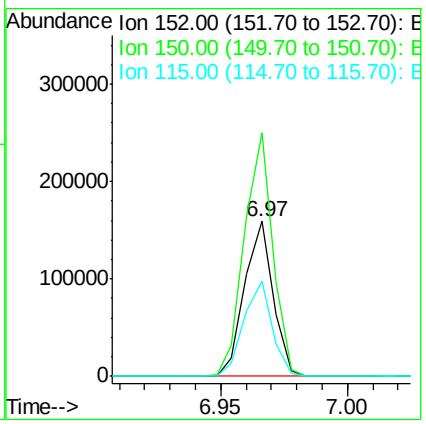


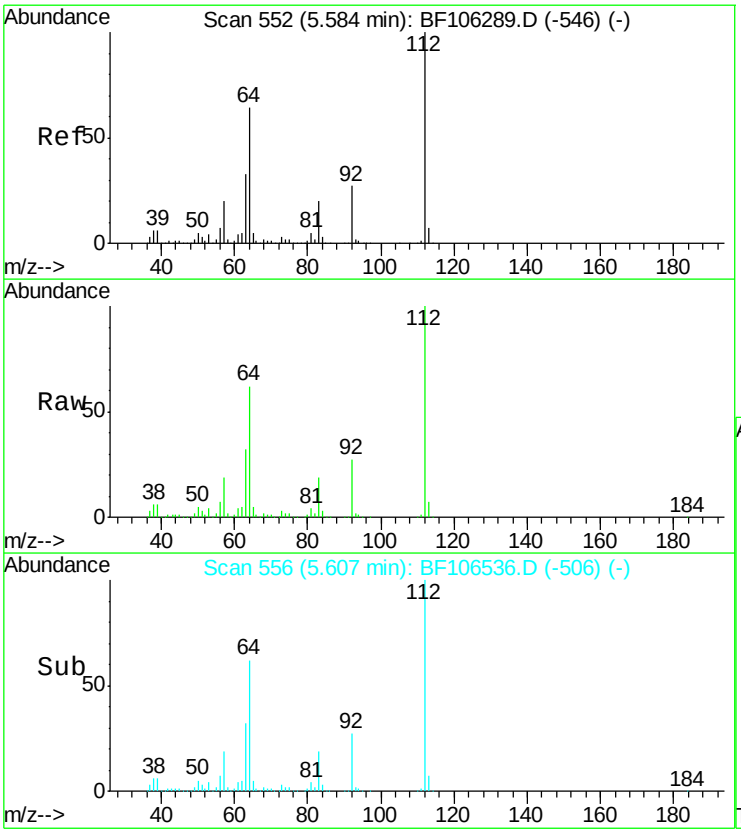
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:152 Resp: 124775

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	61.1	50.1	75.1

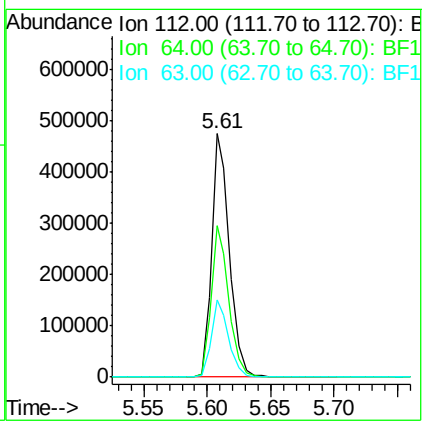


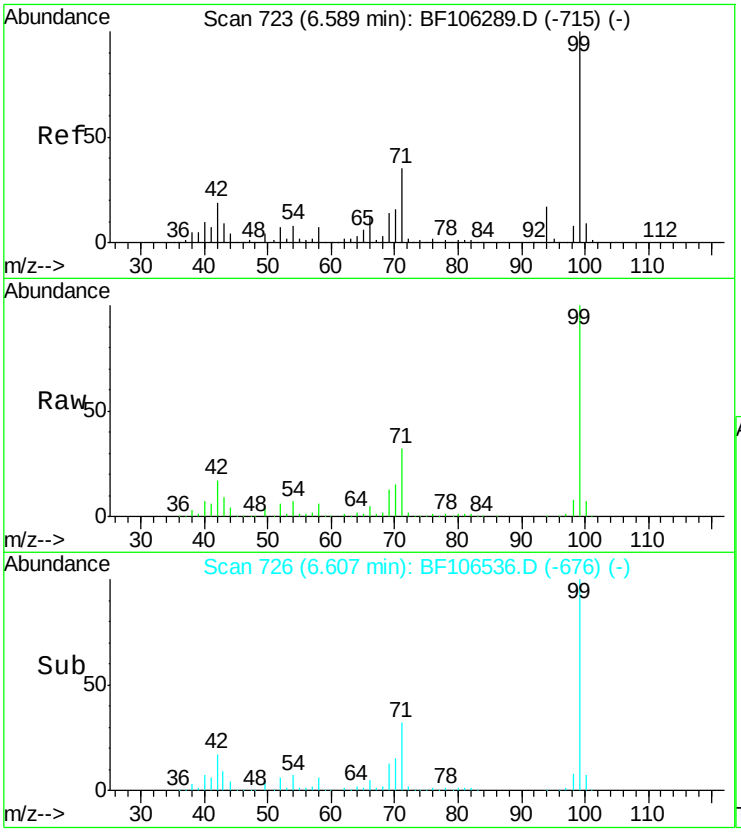


#5
2-Fluorophenol
Concen: 63.219 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:112 Resp: 466062

Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	31.7	23.7	35.5



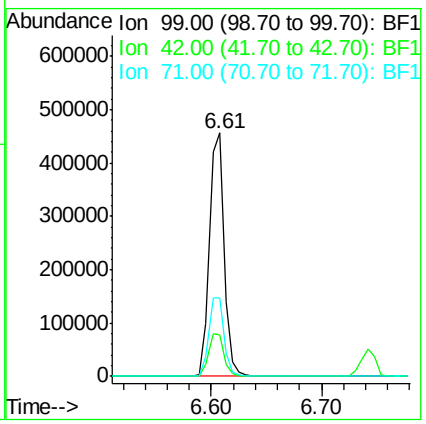


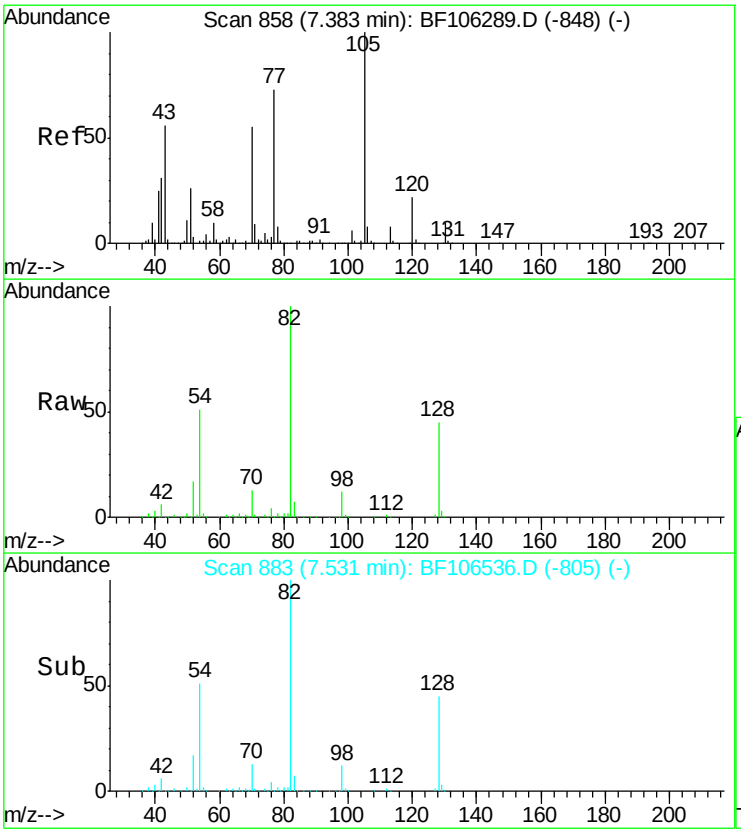
#7
Phenol-d6
Concen: 44.189 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion: 99 Resp: 411586

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	32.3	25.4	38.0

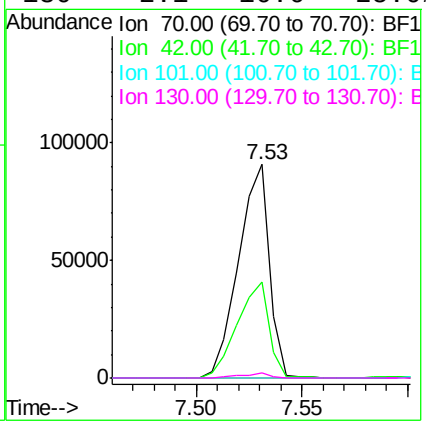


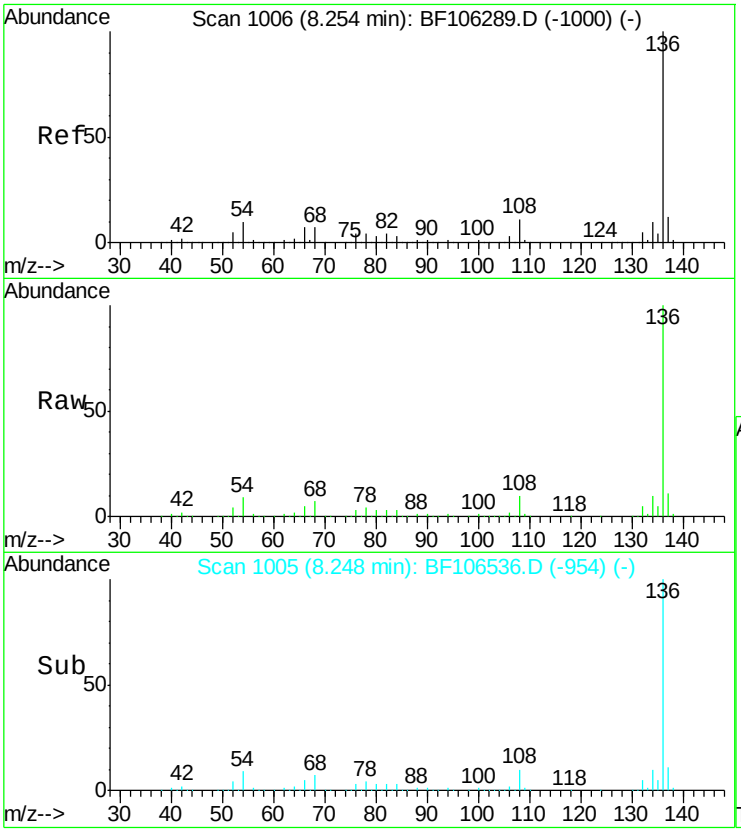


#19
n-Nitroso-di-n-propylamine
Concen: 13.169 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion: 70 Resp: 92021

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



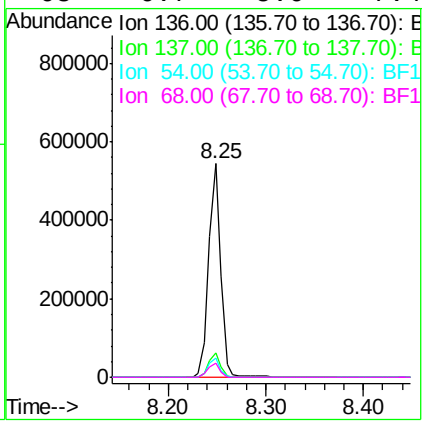


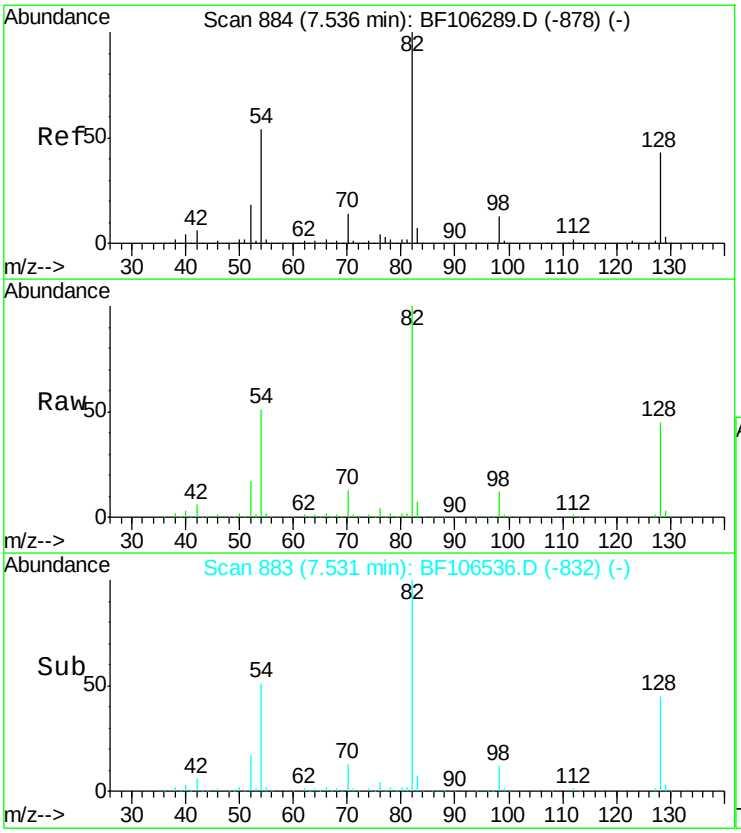
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:136 Resp: 465970

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4

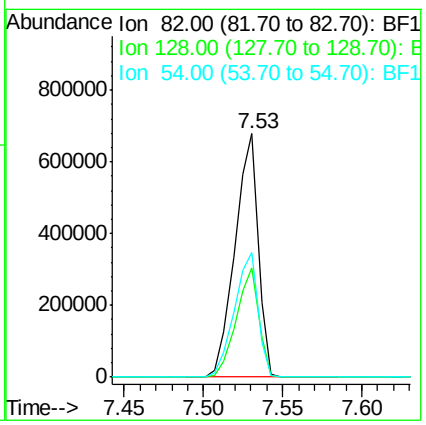


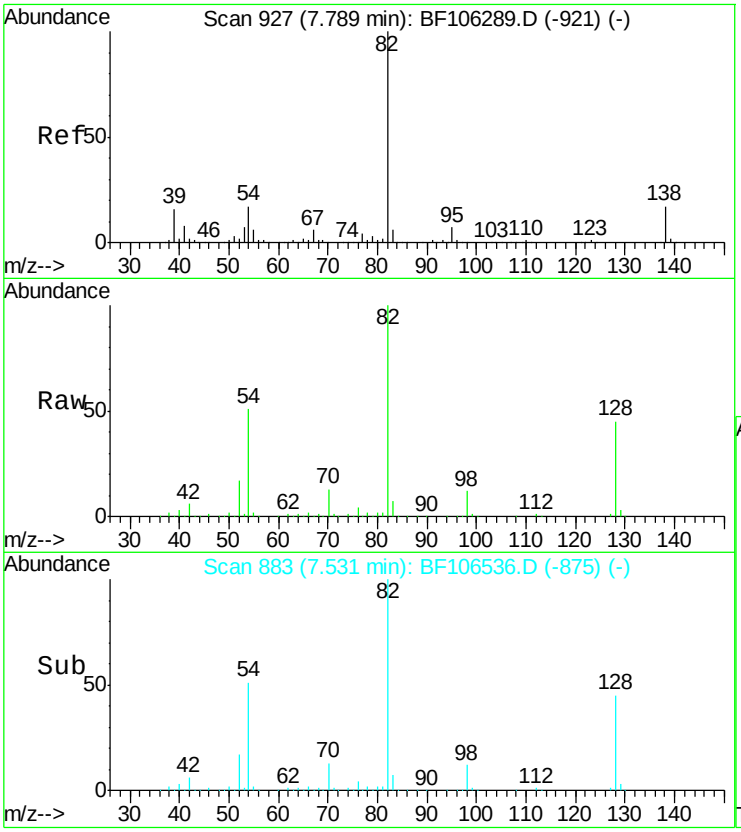


#23
Nitrobenzene-d5
Concen: 86.799 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion: 82 Resp: 687523

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	51.0	41.4	62.2



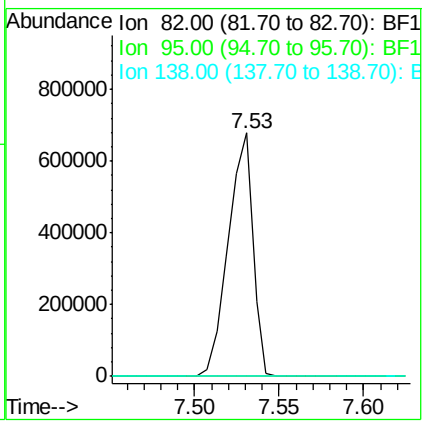


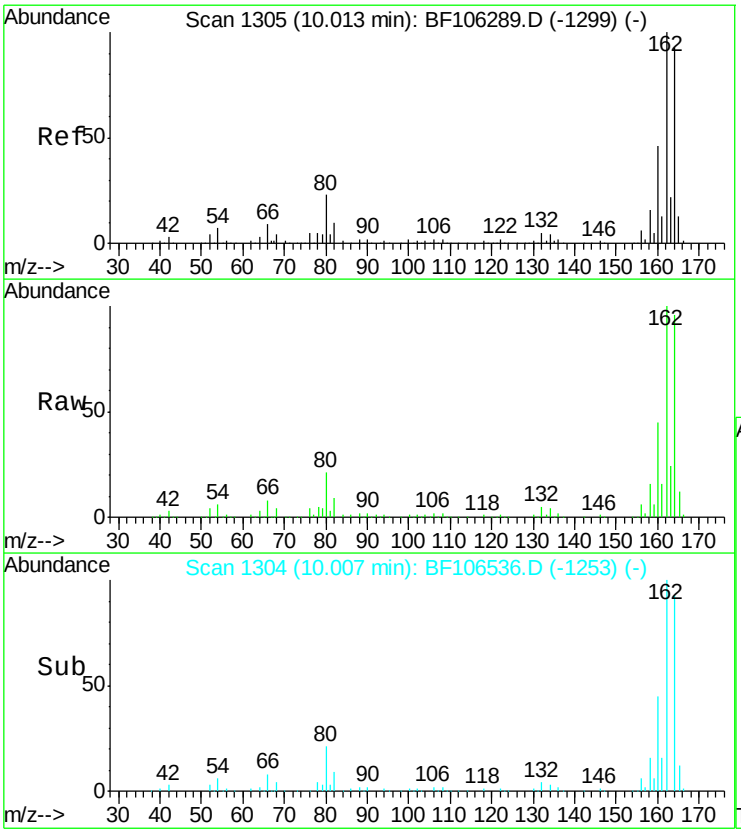
#25
Isophorone
Concen: 44.438 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion: 82 Resp: 687515

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

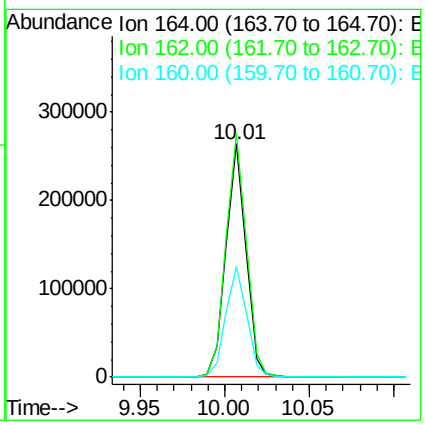


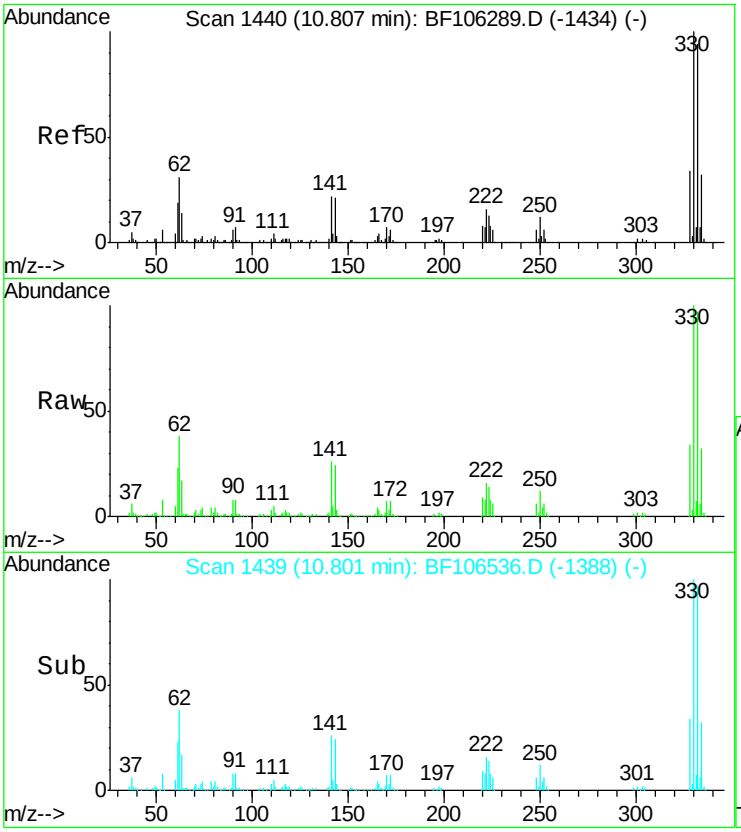


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:164 Resp: 217912

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.2	38.3	57.5



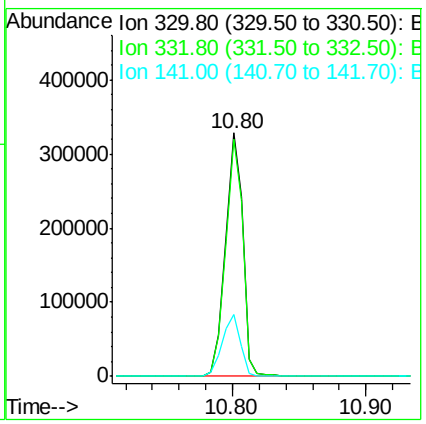


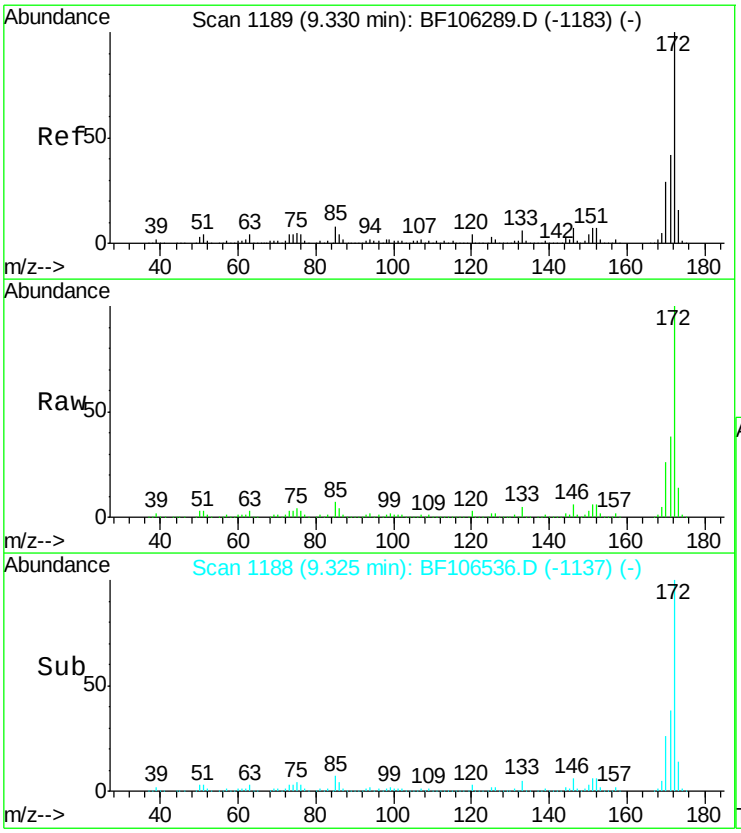
#41
2,4,6-Tribromophenol
Concen: 144.799 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:330 Resp: 303599

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	26.9	29.9	44.9#

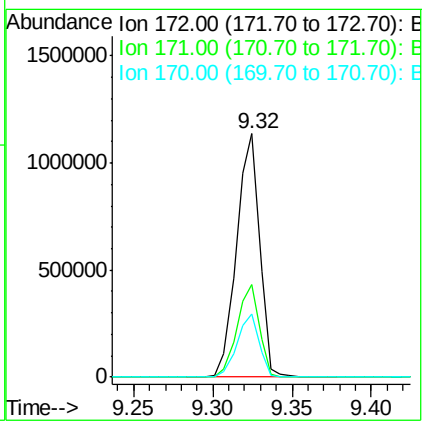


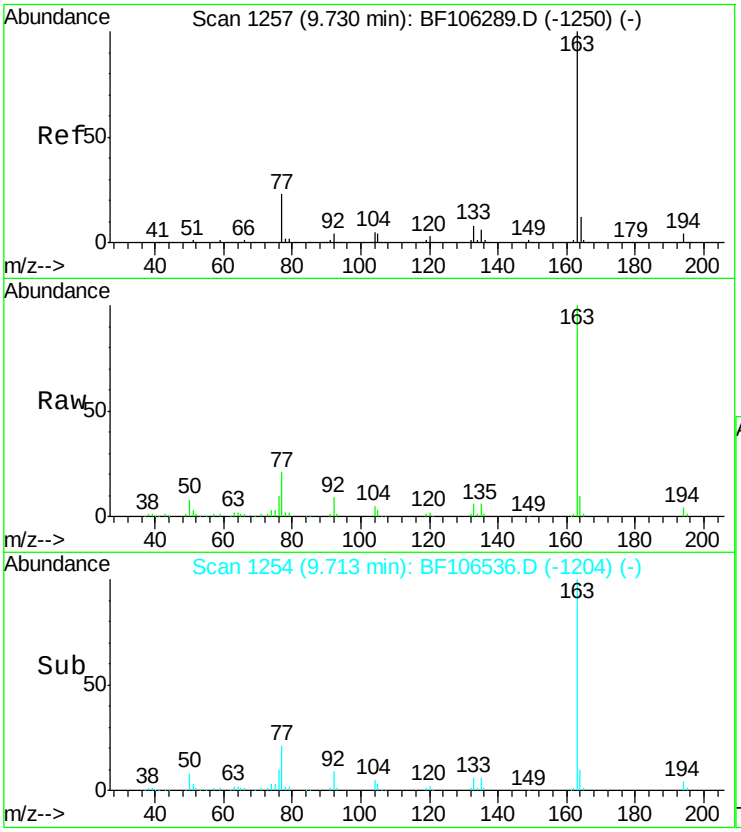


#44
2-Fluorobiphenyl
Concen: 97.180 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:172 Resp: 1140696

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.8	19.6	29.4



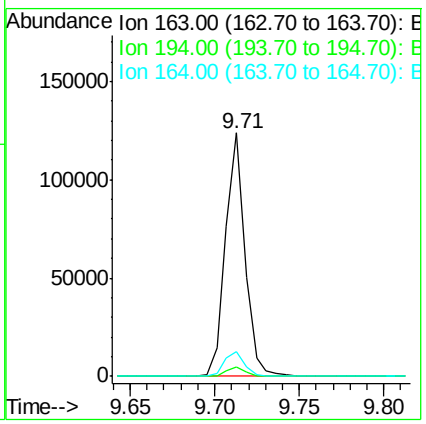


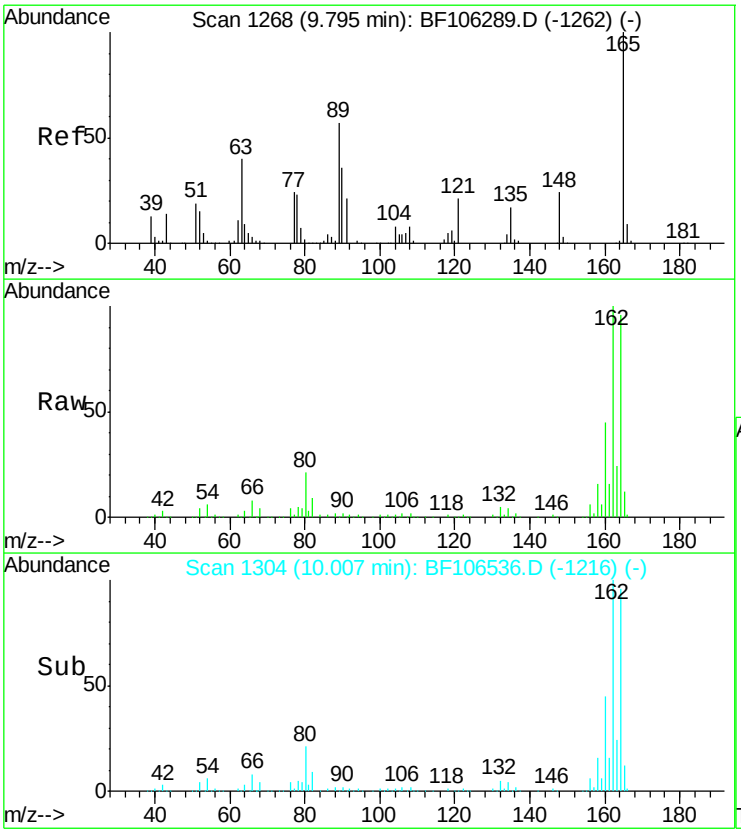
#49
Dimethylphthalate
Concen: 6.384 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:163 Resp: 99395

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

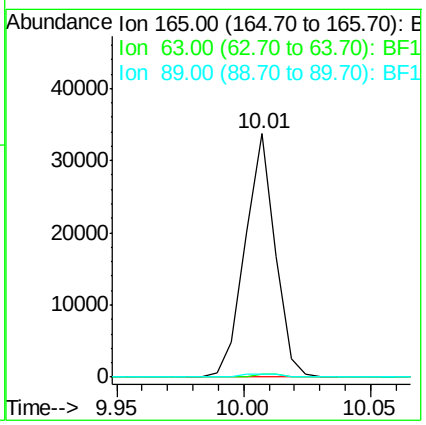


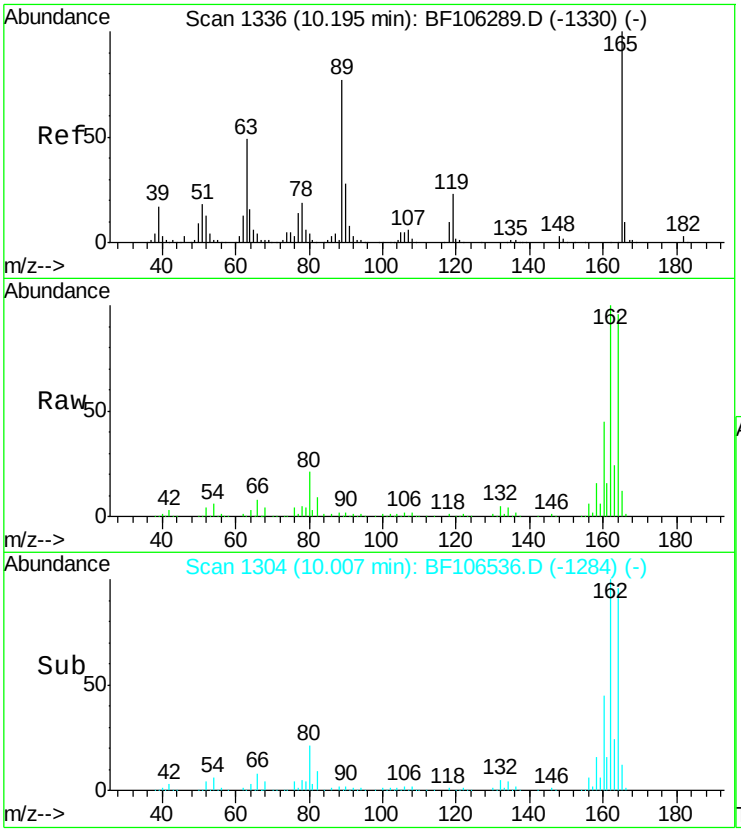


#50
2,6-Dinitrotoluene
Concen: 8.739 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.22 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:165 Resp: 27791

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



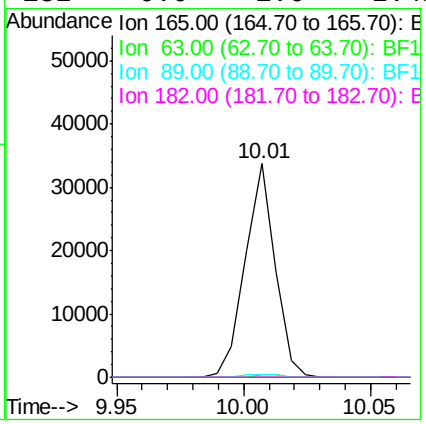


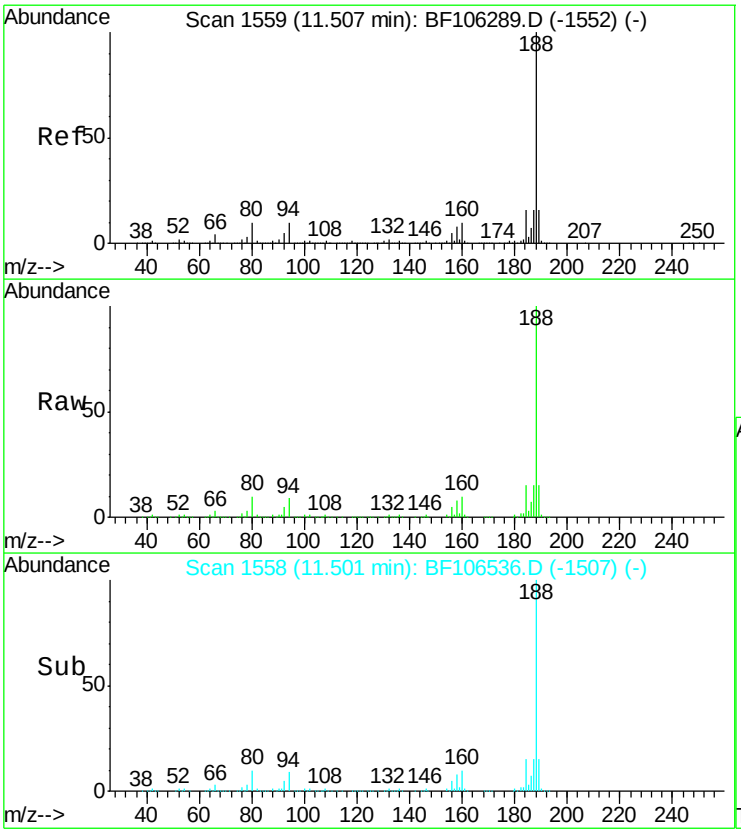
#56
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:165 Resp: 27791

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

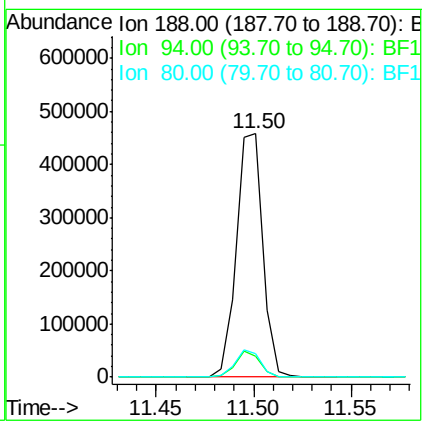


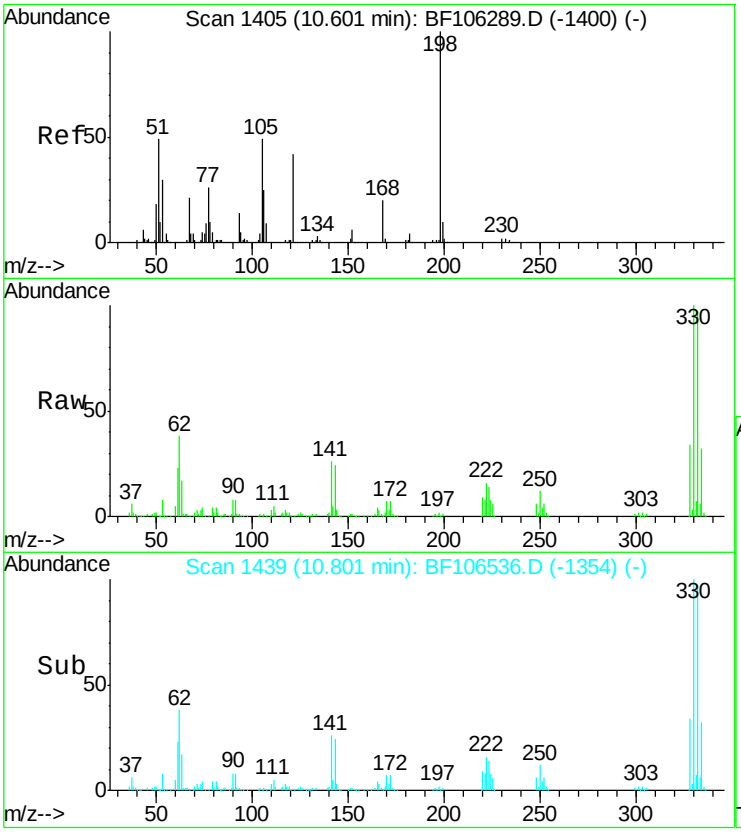


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:188 Resp: 427986

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8



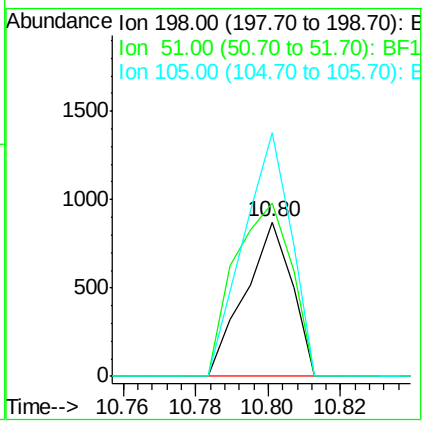


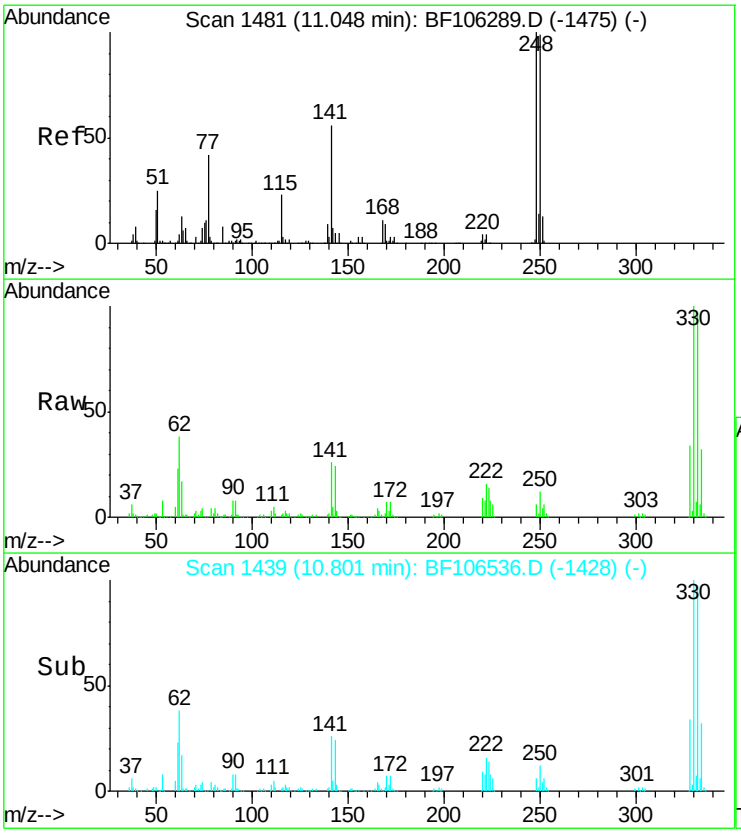
#64
4,6-Dinitro-2-methylphenol
Concen: 6.588 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:198 Resp: 779

Ion	Ratio	Lower	Upper
198	100		
51	112.4	37.7	77.7#
105	157.8	36.3	76.3#

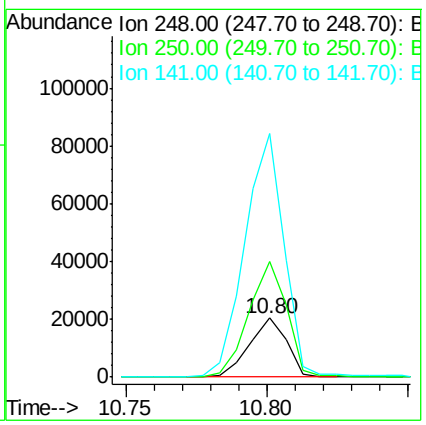


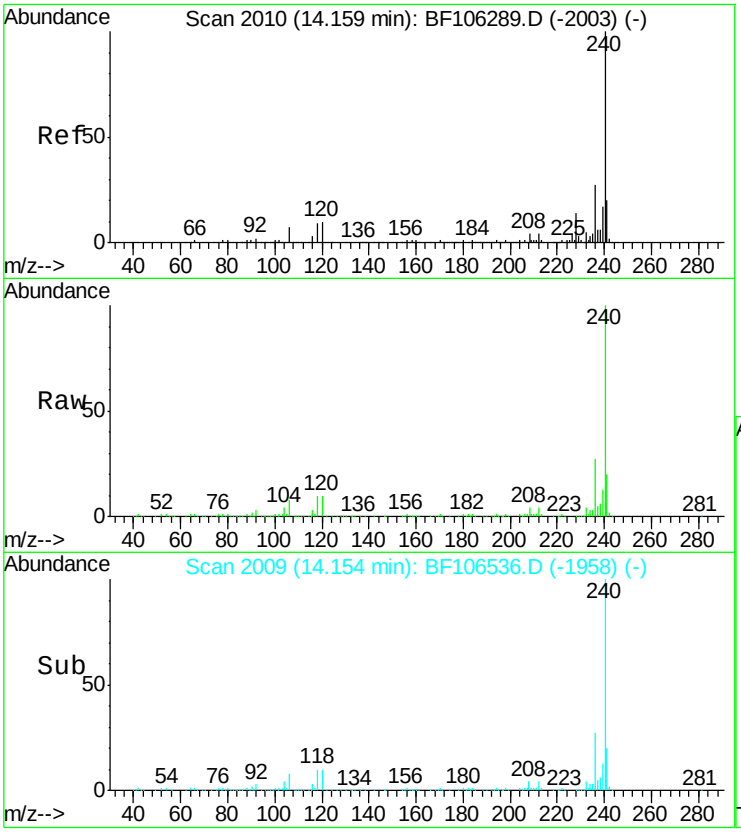


#66
4-Bromophenyl-phenylether
Concen: 3.875 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:248 Resp: 18862

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.9	115.3#
141	411.2	74.4	111.6#



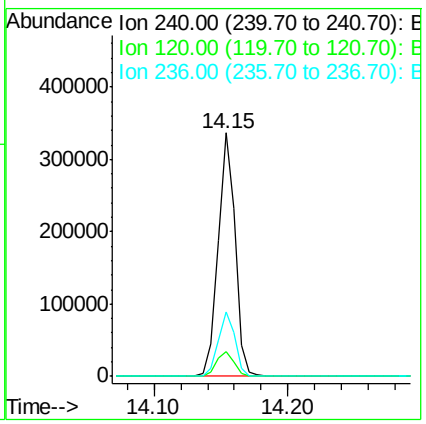


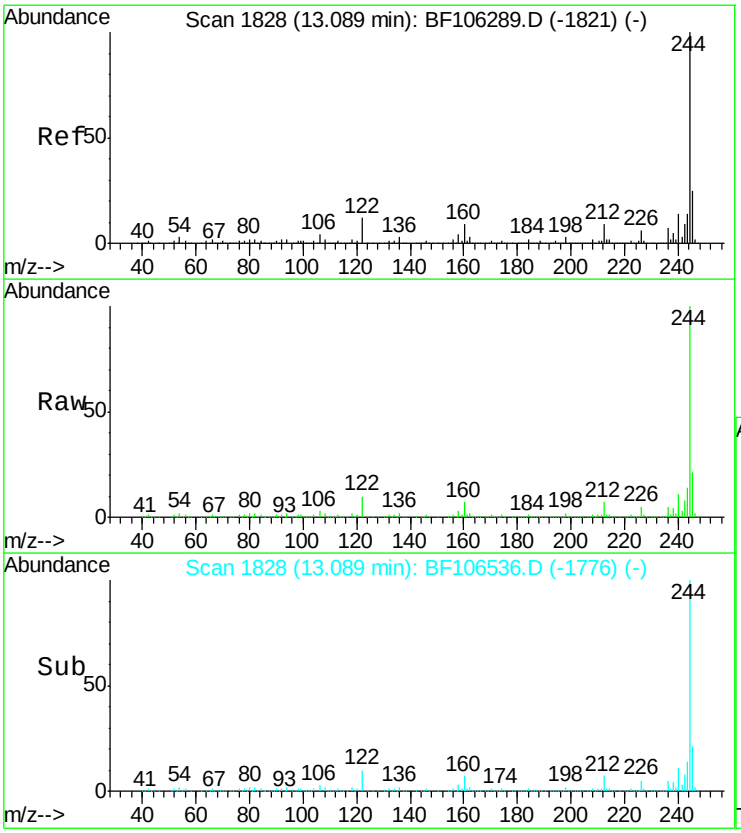
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:240 Resp: 304982

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.5	20.7	31.1

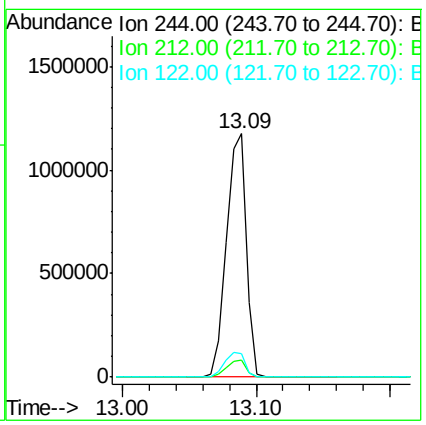


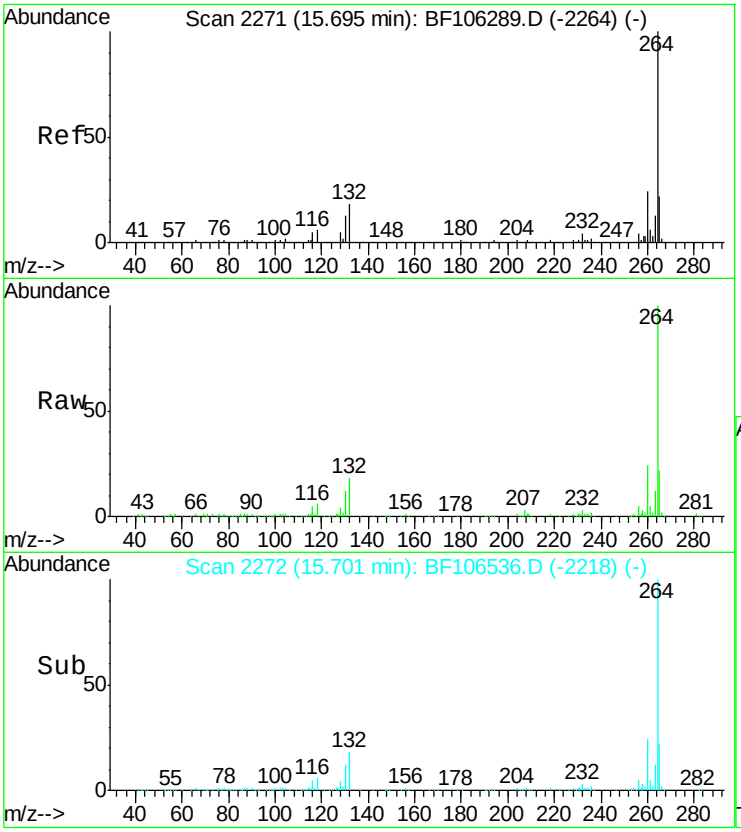


#78
Terphenyl-d14
Concen: 100.705 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Tgt Ion:244 Resp: 1236545

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106536.D
Acq: 18 Jun 2018 14:12

Instrument :
BNA_F
ClientSampleId :
20180367-SITE-WATER

Tgt Ion:264 Resp: 242840

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3