Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108366.D
Acq On : 22 Aug 2018 4:26
Operator : JU/SJ
Sample : J4539-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MS-BASELINE-WATER

Quant Time: Aug 22 05:47:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	175110	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	622391	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	277909	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	442510	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	363536	20.00	ng	-0.02
86) Perylene-d12	15.75	264	301987	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	563737	58.28	ng	0.00
7) Phenol-d6	6.62	99	461281	35.89	ng	-0.01
23) Nitrobenzene-d5	7.57	82	1083970	97.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	343980	124.09	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1768542	102.17	ng	-0.01
78) Terphenyl-d14	13.14	244	1416586	99.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	129410	6.685	ng	100

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

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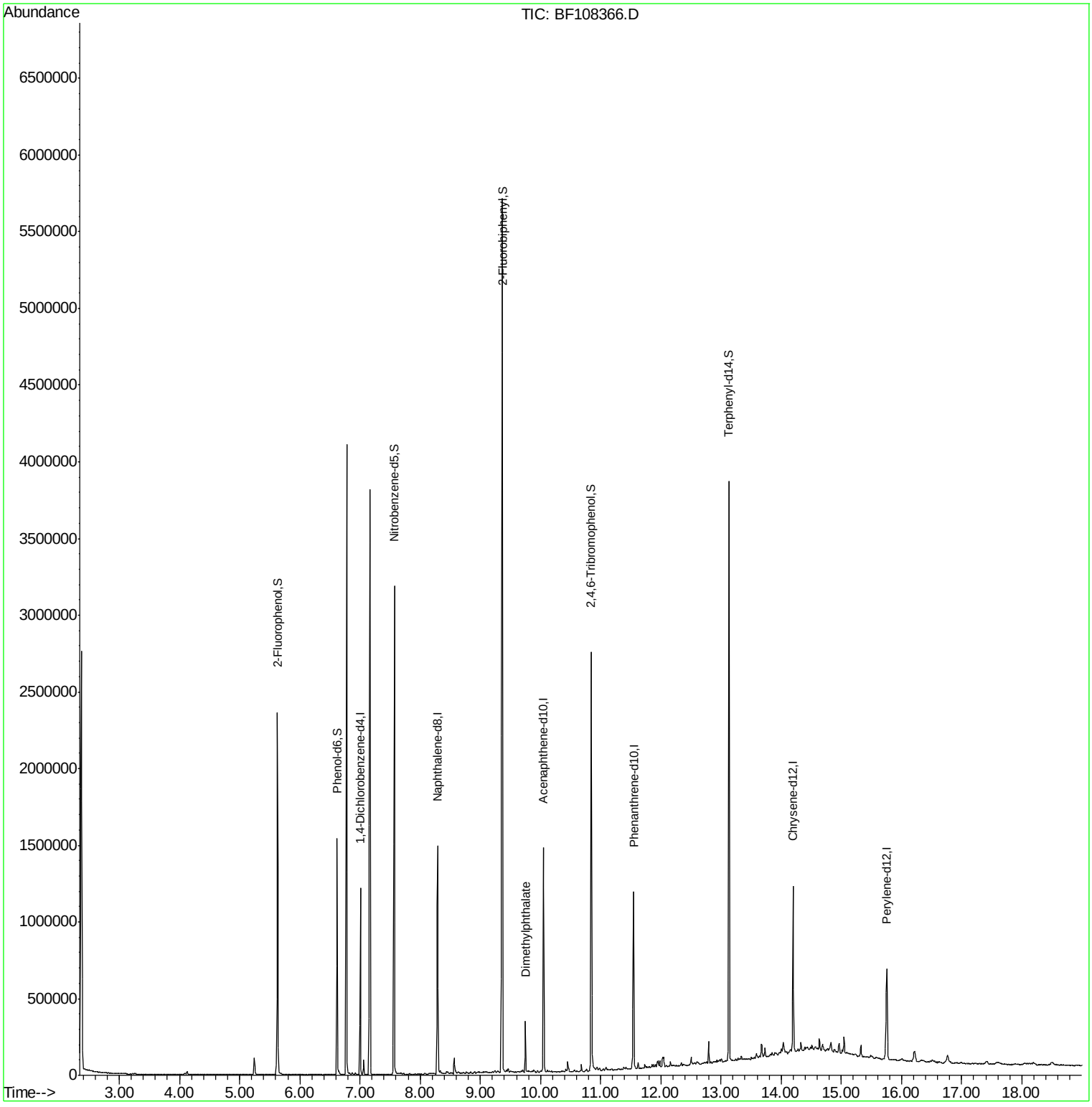
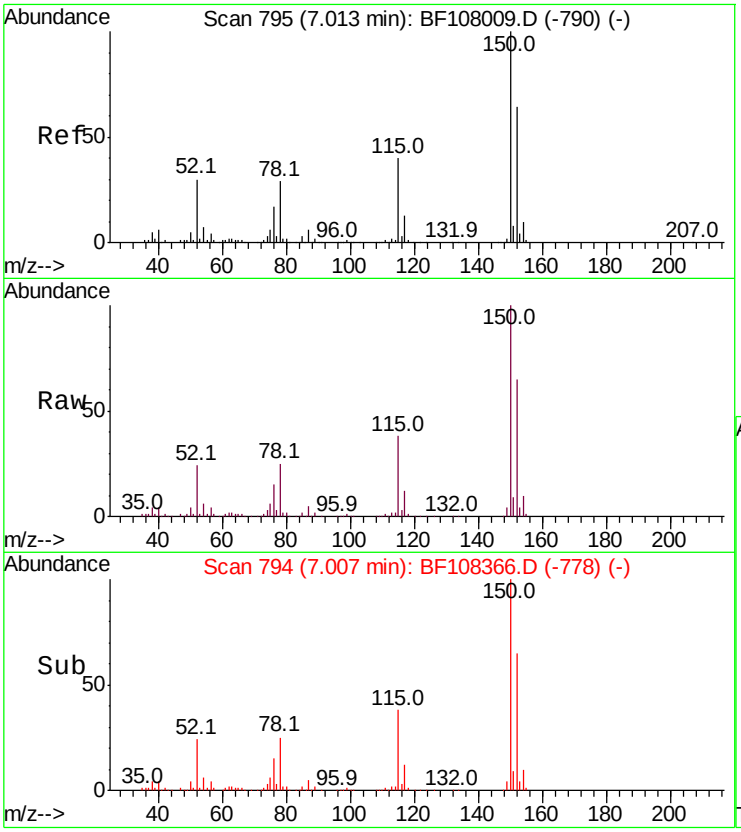


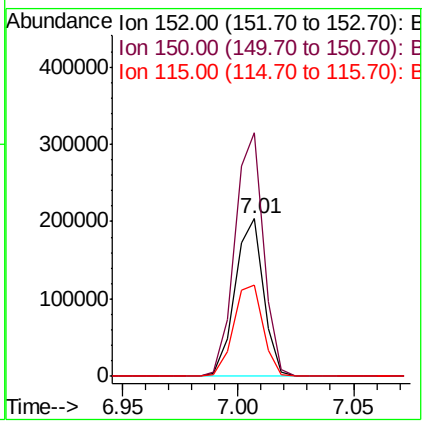


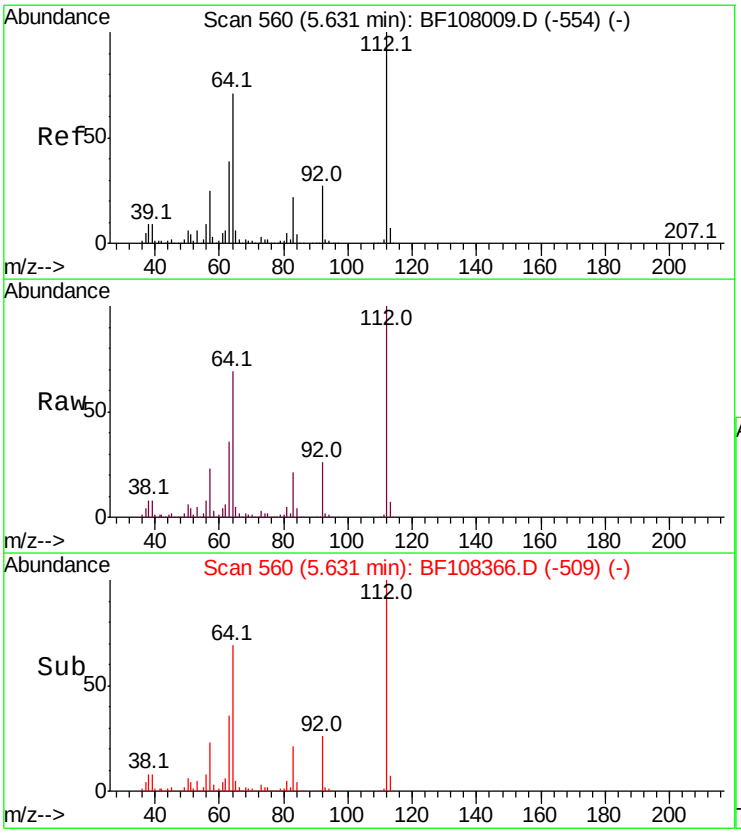
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:152 Resp: 175110

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.3	50.1	75.1

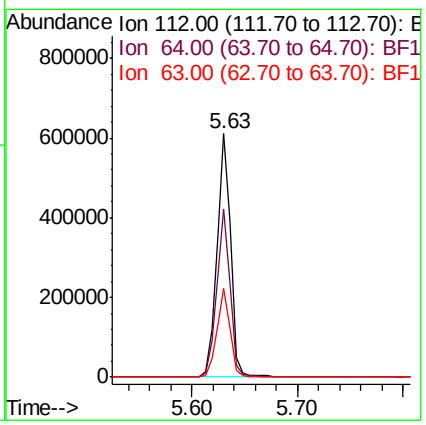


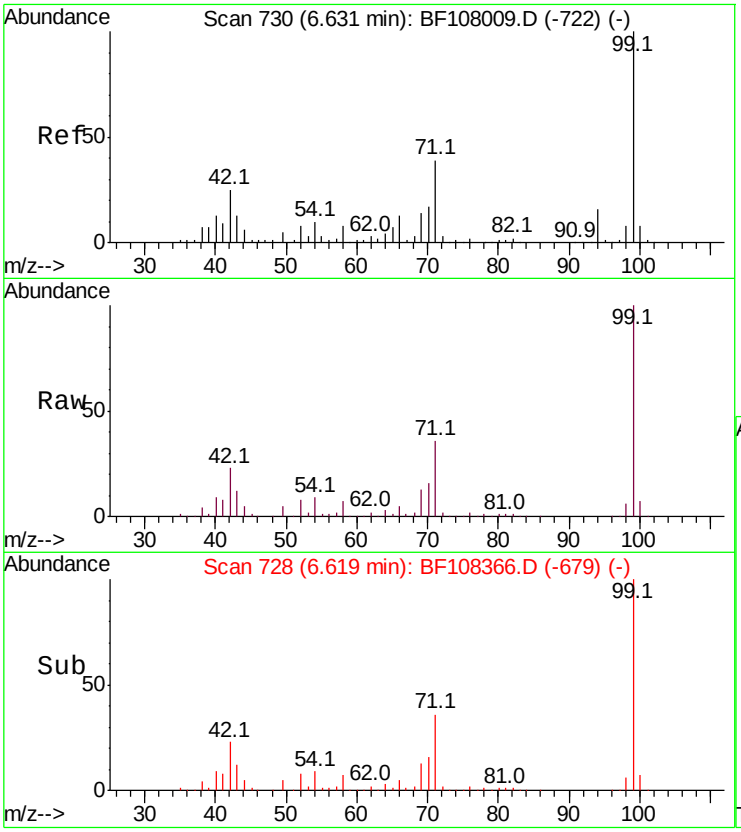


#5
2-Fluorophenol
Concen: 58.285 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:112 Resp: 563737

Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	36.4	23.7	35.5#



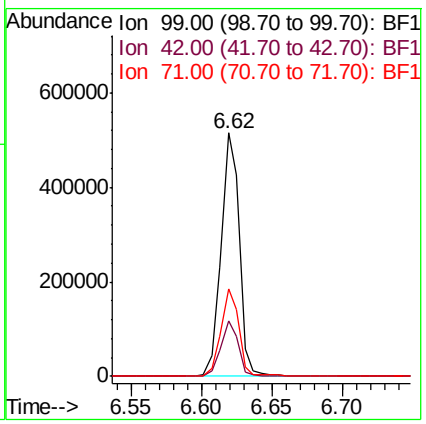


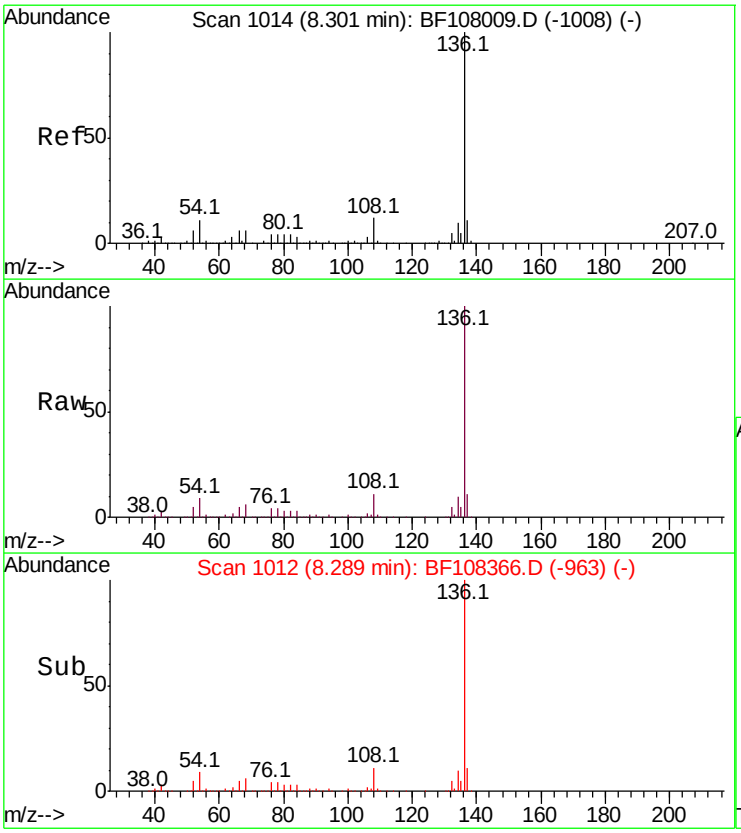
#7
Phenol-d6
Concen: 35.889 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion: 99 Resp: 461281

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	36.1	25.4	38.0

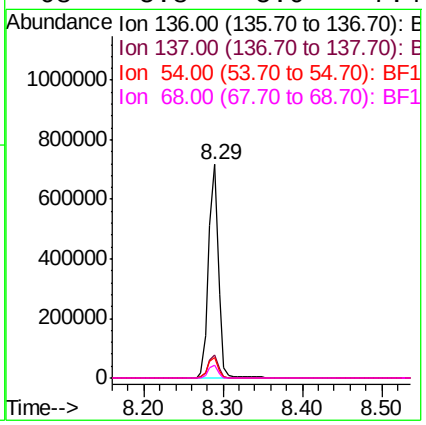


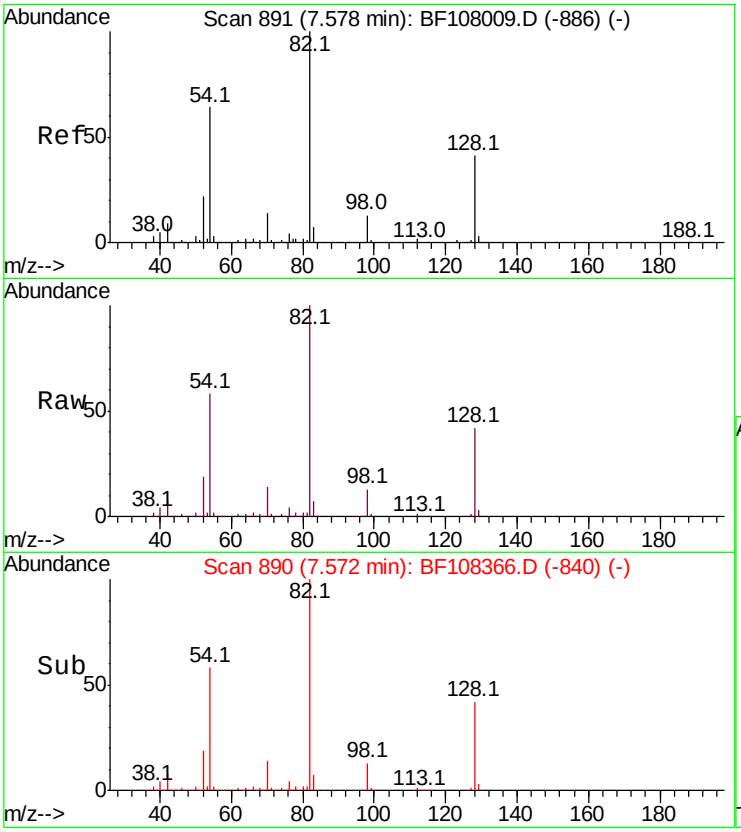


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:136 Resp: 622391

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	5.8	5.0	7.4



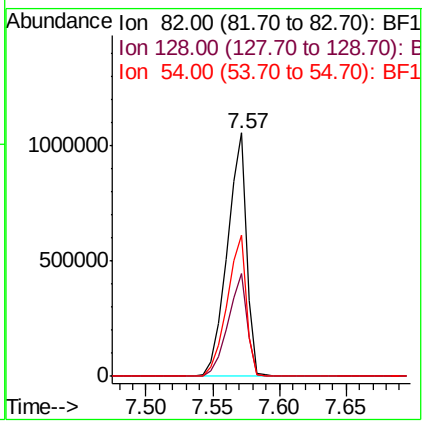


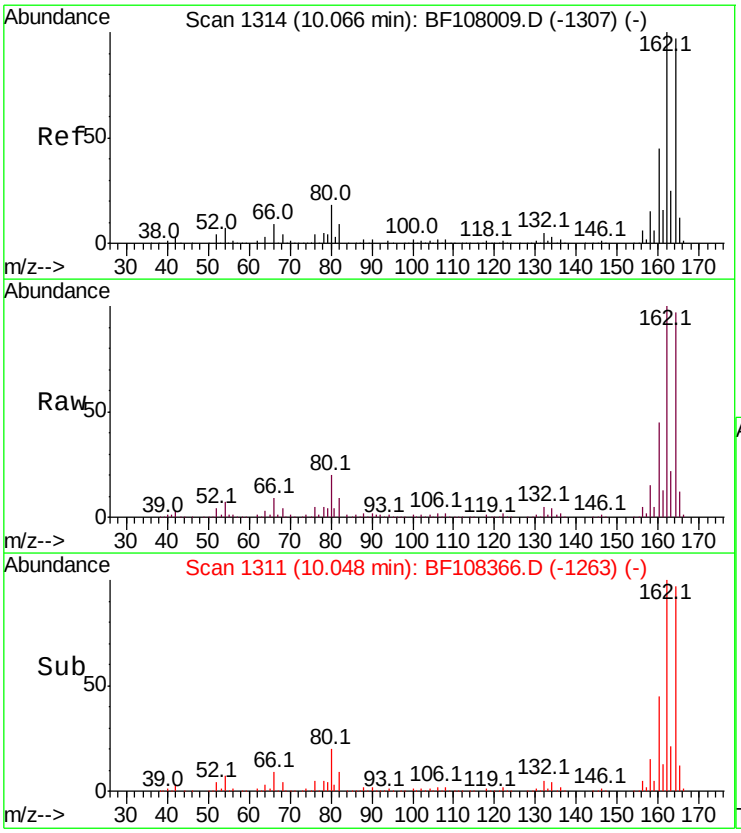
#23
Nitrobenzene-d5
Concen: 97.185 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion: 82 Resp: 1083970

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	58.0	41.4	62.2

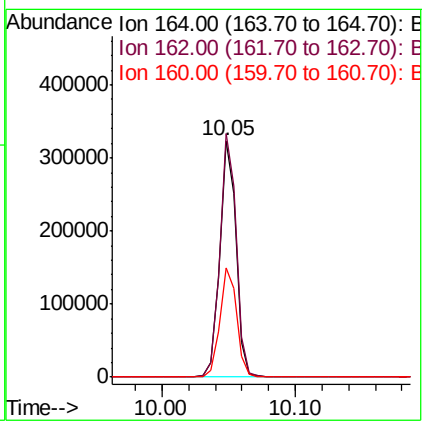


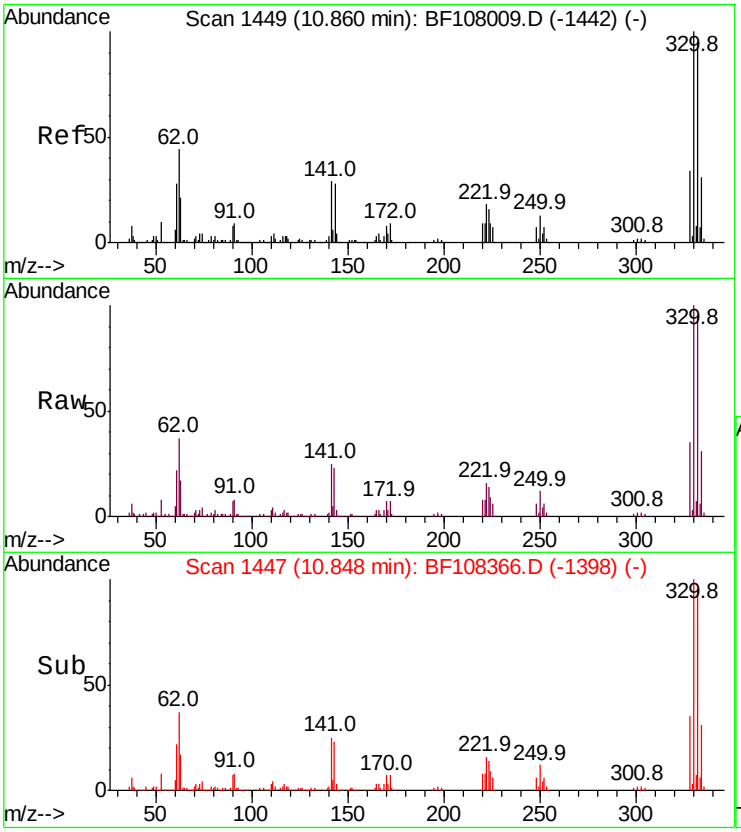


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:164 Resp: 277909

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.1	38.3	57.5



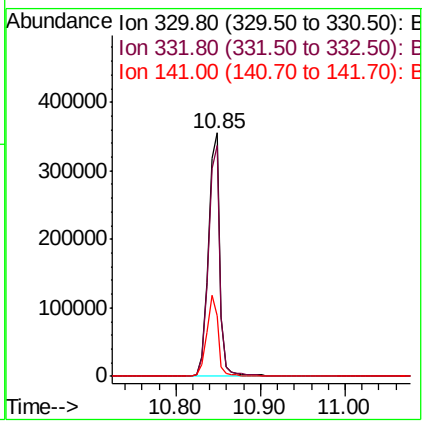


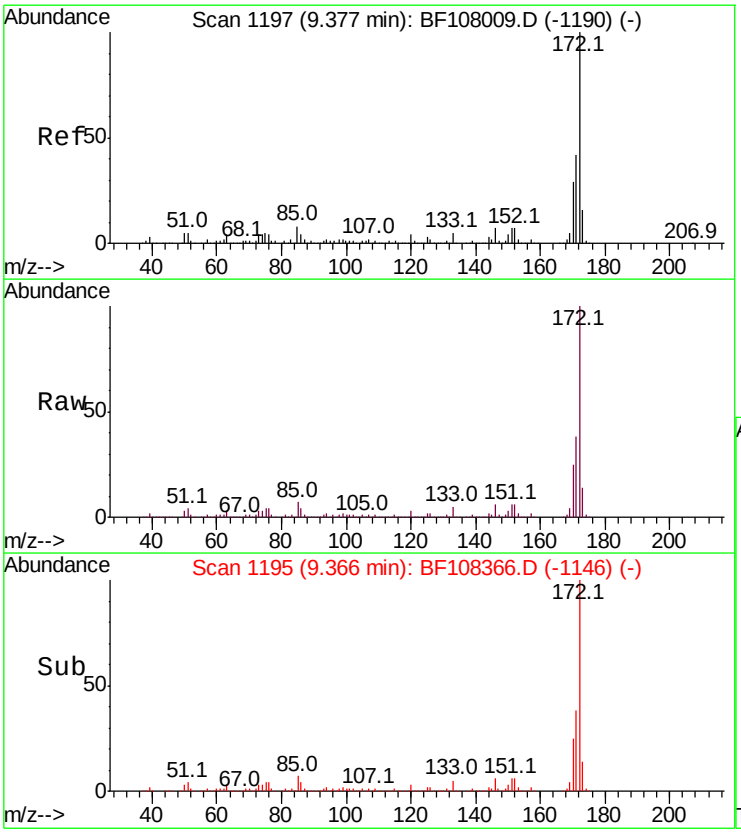
#41
2,4,6-Tribromophenol
Concen: 124.088 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:330 Resp: 343980

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.8	29.9	44.9

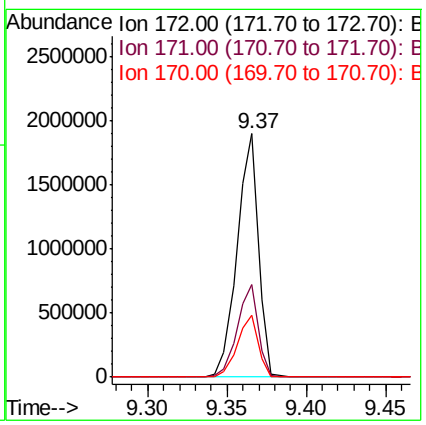


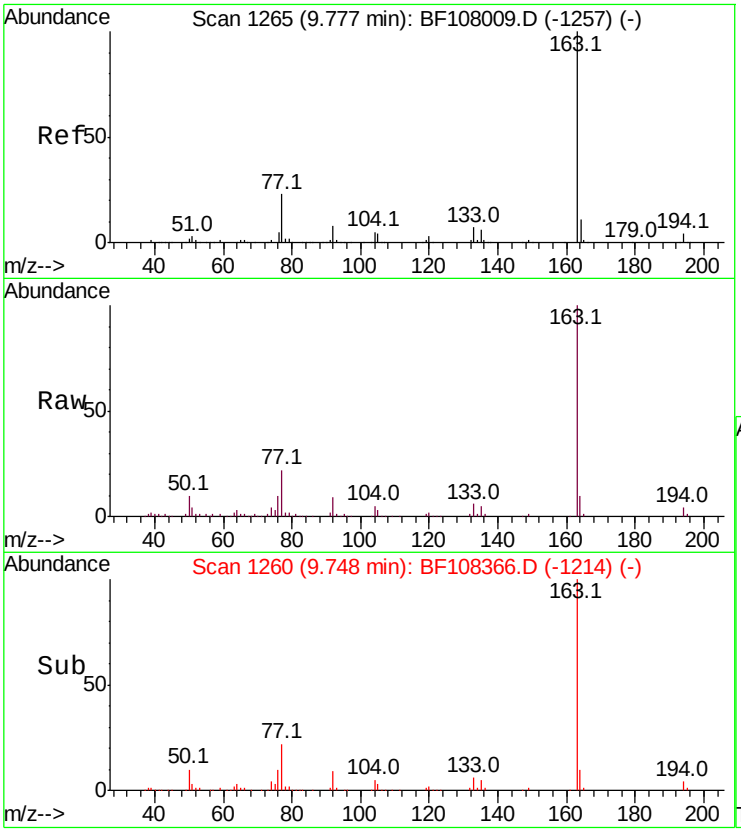


#44
2-Fluorobiphenyl
Concen: 102.168 ng
RT: 9.37 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:172 Resp: 1768542

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.3	19.6	29.4



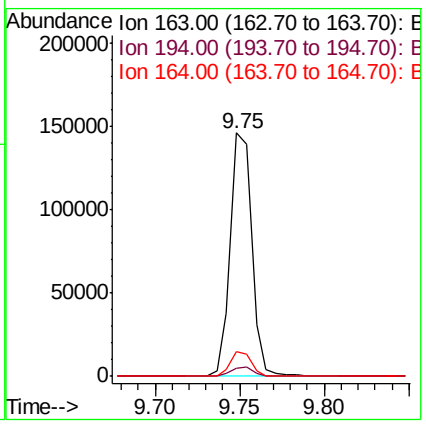


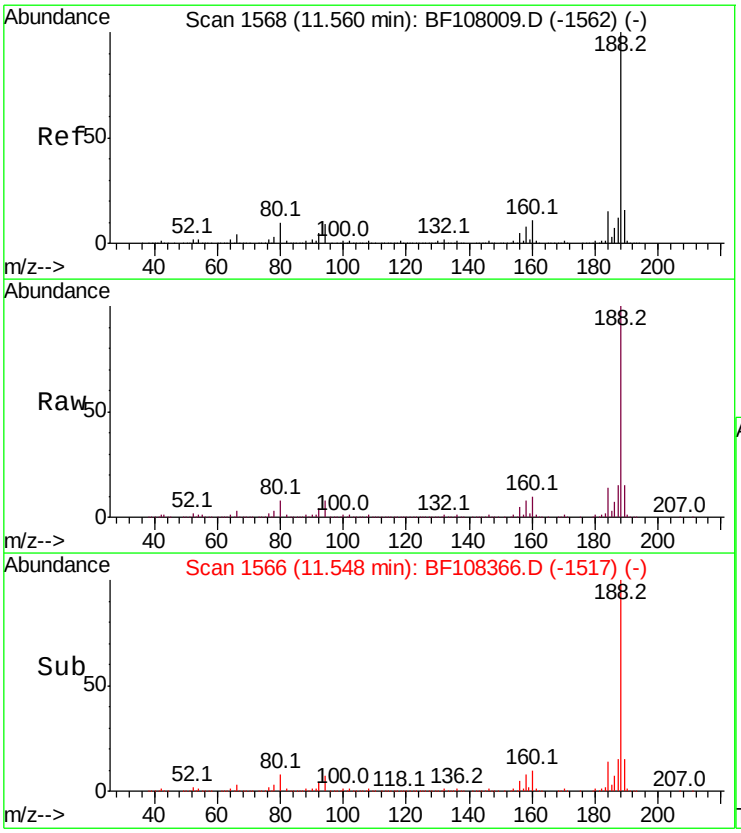
#49
Dimethylphthalate
Concen: 6.685 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:163 Resp: 129410

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2

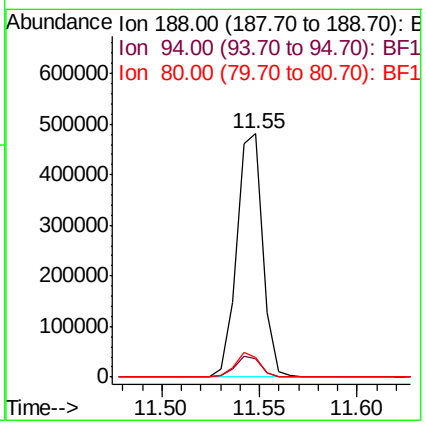


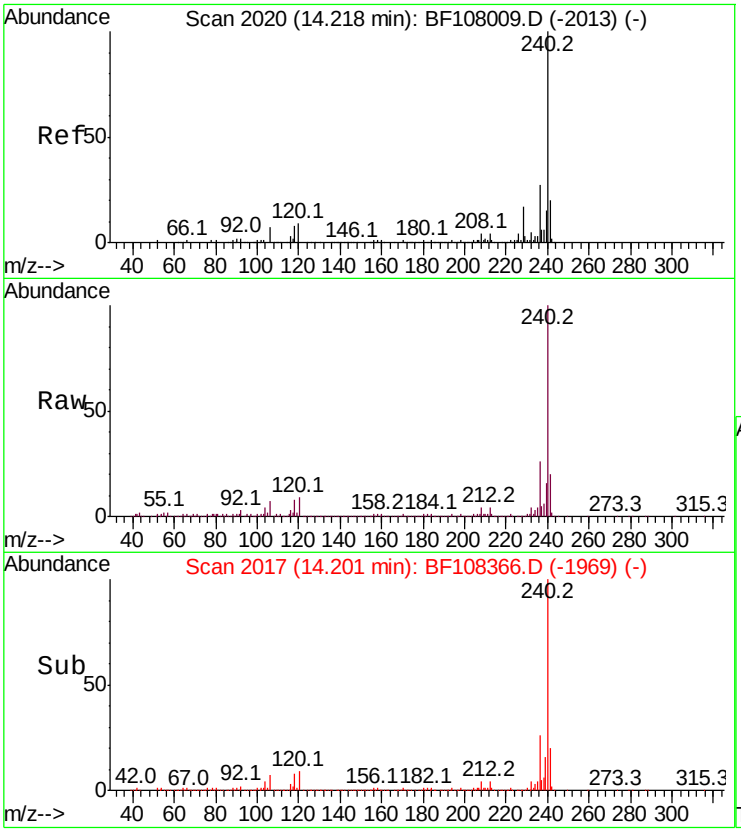


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:188 Resp: 442510

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.2	9.2	13.8#



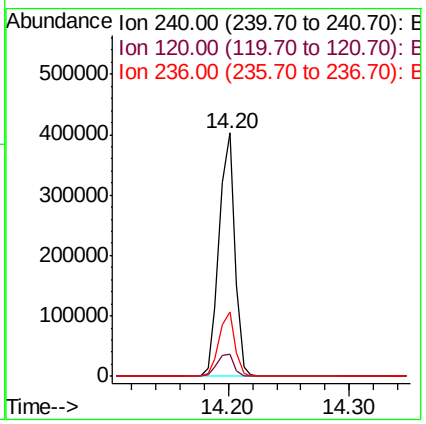


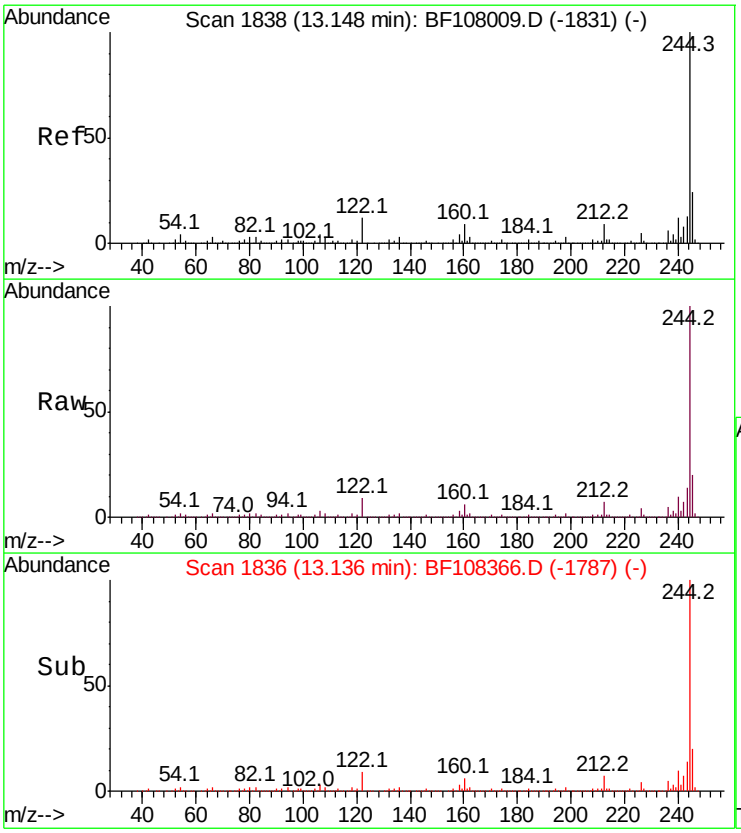
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:240 Resp: 363536

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.4	20.7	31.1

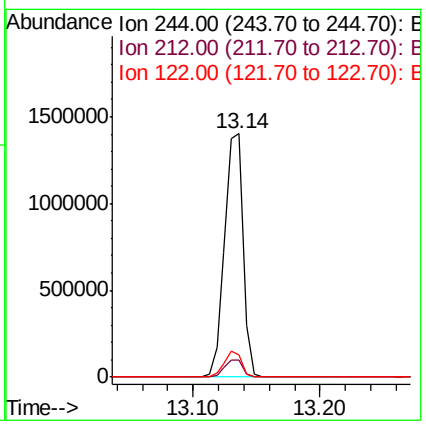


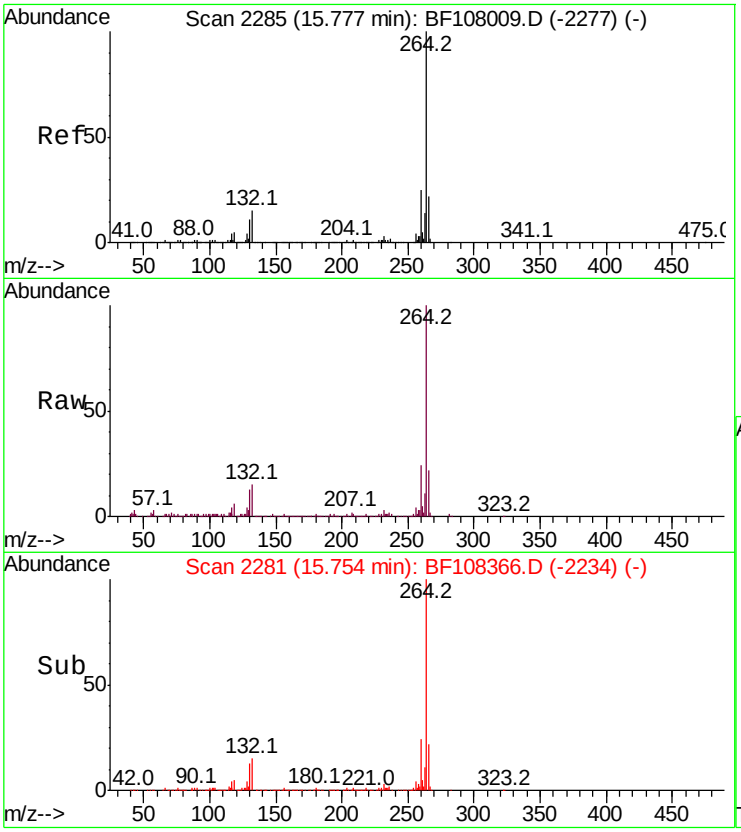


#78
Terphenyl-d14
Concen: 99.076 ng
RT: 13.14 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:244 Resp: 1416586

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	8.9	11.0	16.4#

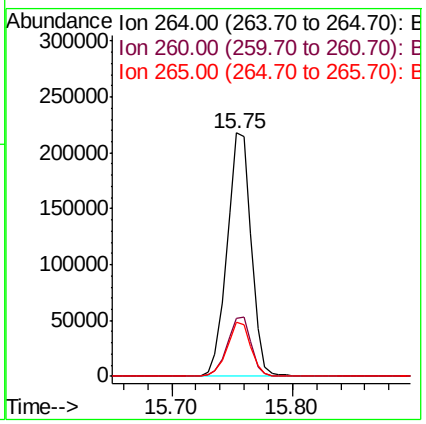




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:264 Resp: 301987

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER