Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

Quantitation Report (Not Reviewed)

Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Time: Sep 07 03:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199481	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	731290	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	300445	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	501619	20.00	ng	0.00
75) Chrysene-d12	13.87	240	539088	20.00	ng	0.00
86) Perylene-d12	15.28	264	582600	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2428	0.20	ng	0.00
7) Phenol-d6	6.35	99	2191	0.14	ng	-0.01
23) Nitrobenzene-d5	7.28	82	5066	0.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	1286	0.45	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	10104	0.57	ng	0.00
78) Terphenyl-d14	12.82	244	8310	0.36	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.74	122	214	4.051	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	38952	9.728	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	38952	7.607	ng	# 24

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\

Quantitation Report (Not Reviewed)

Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Sep 07 03:48:20 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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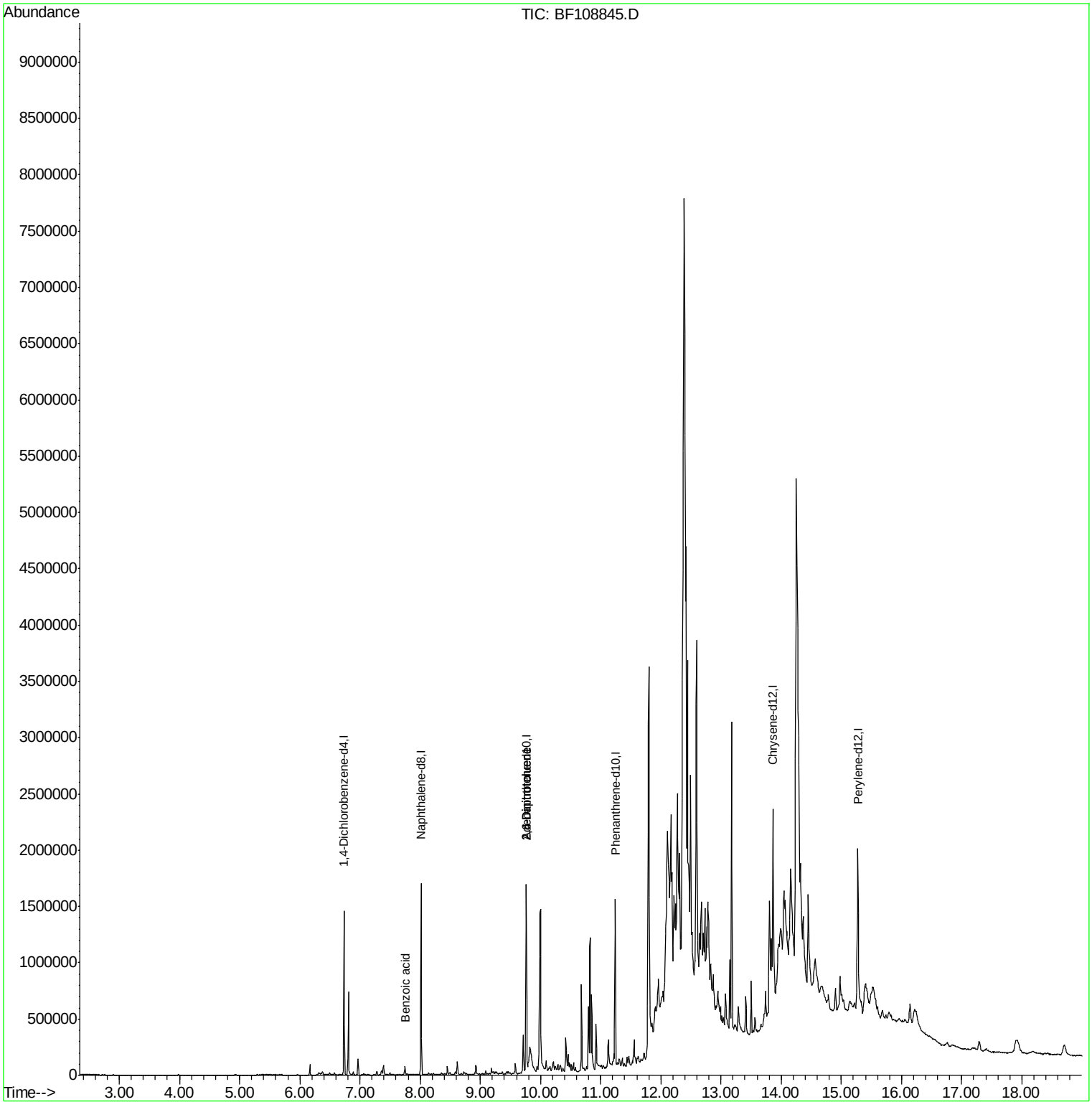
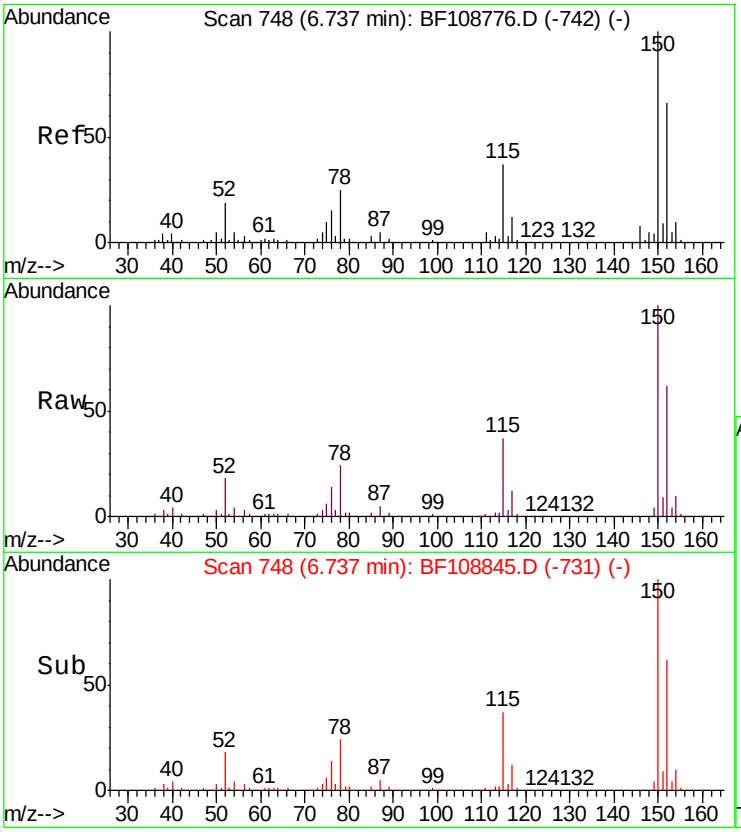


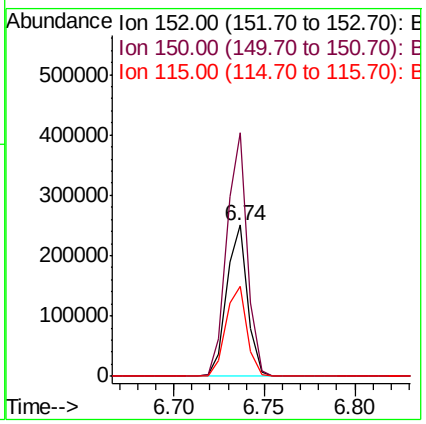


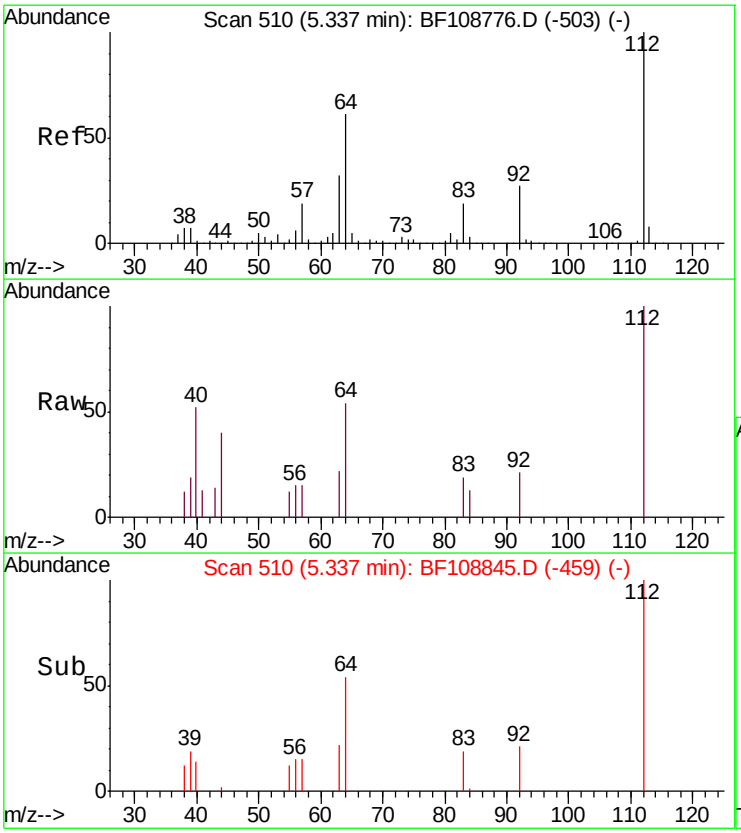
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:152 Resp: 199481

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	59.2	50.1	75.1

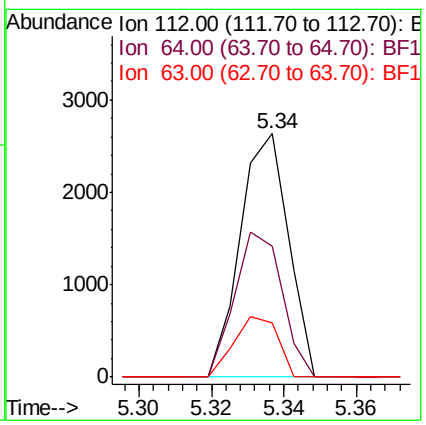


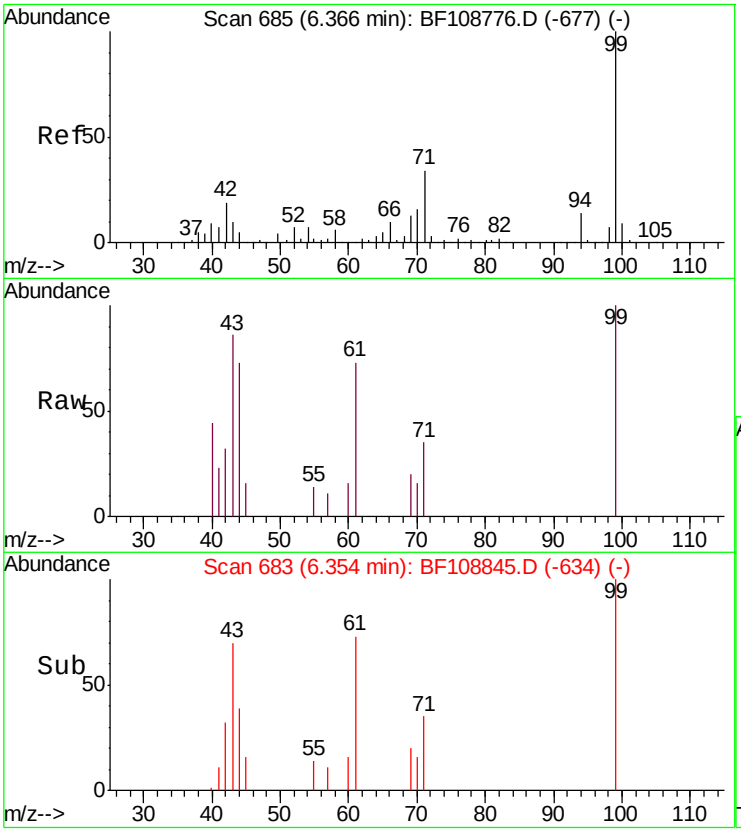


#5
2-Fluorophenol
Concen: 0.202 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:112 Resp: 2428

Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	22.5	23.7	35.5#



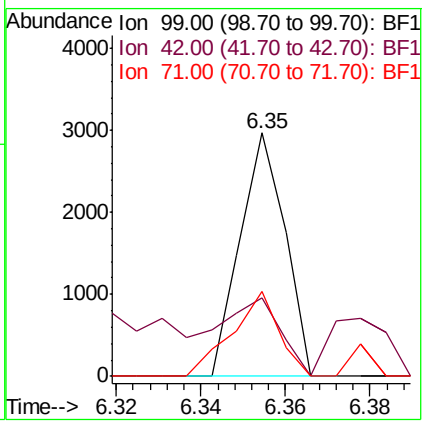


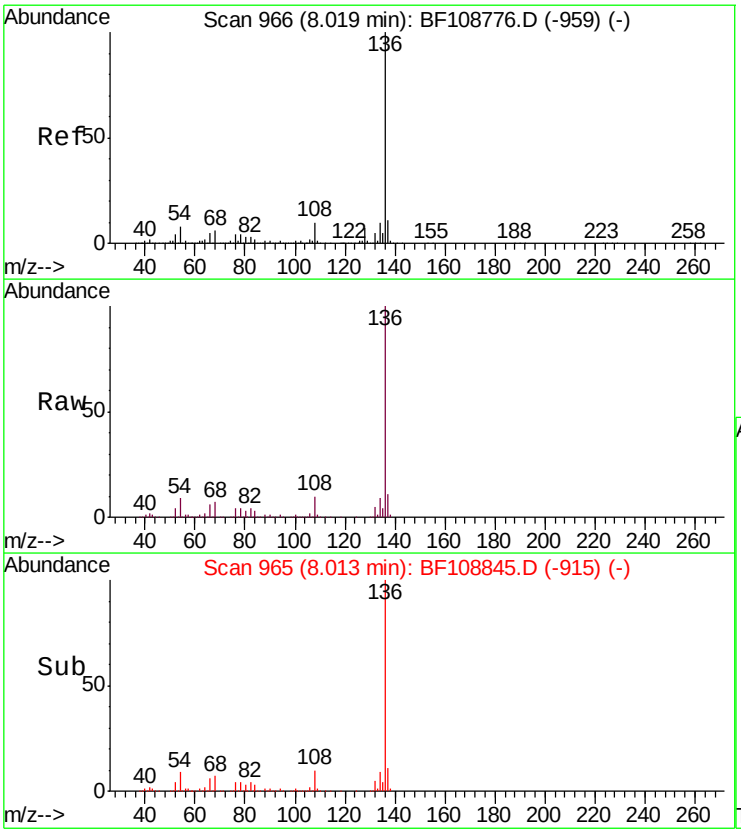
#7
Phenol-d6
Concen: 0.141 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 99 Resp: 2191

Ion	Ratio	Lower	Upper
99	100		
42	32.3	14.5	21.7#
71	35.1	25.4	38.0

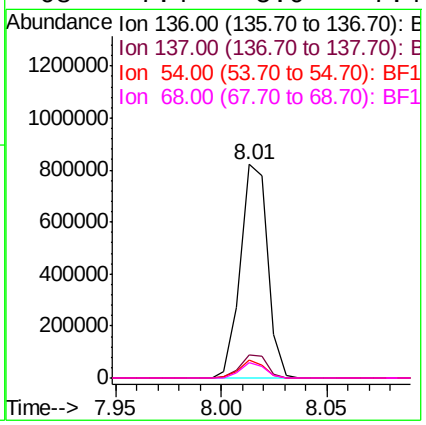


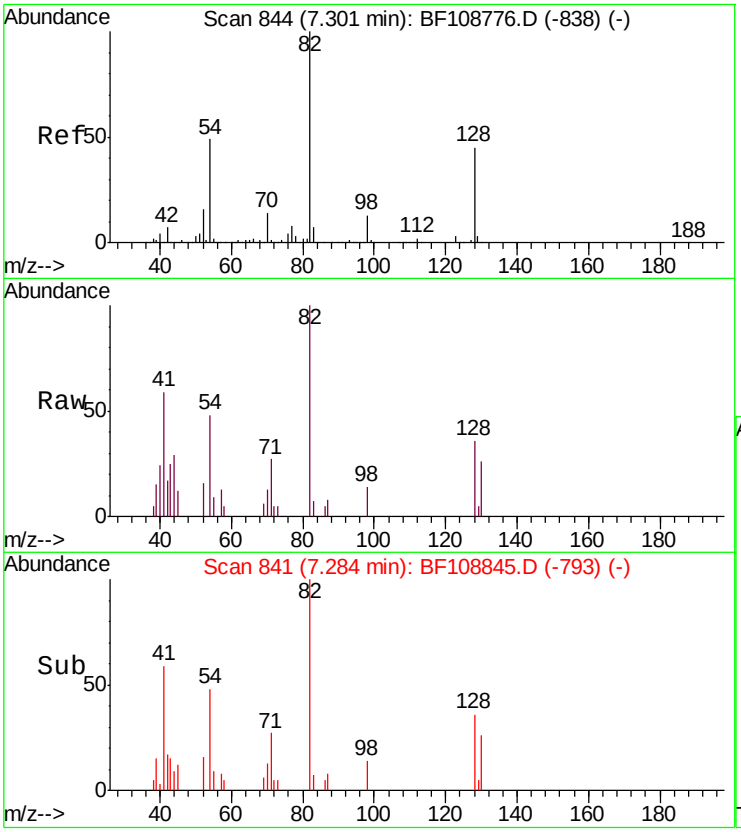


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:136 Resp: 731290

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.6	9.8
68	7.4	5.0	7.4



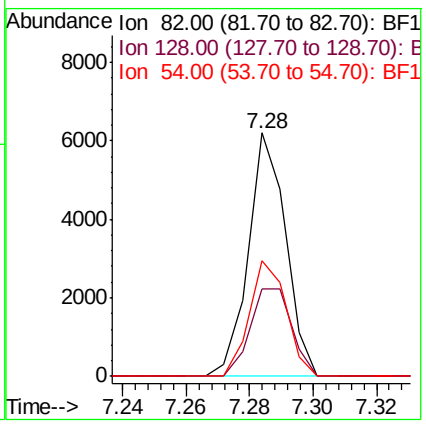


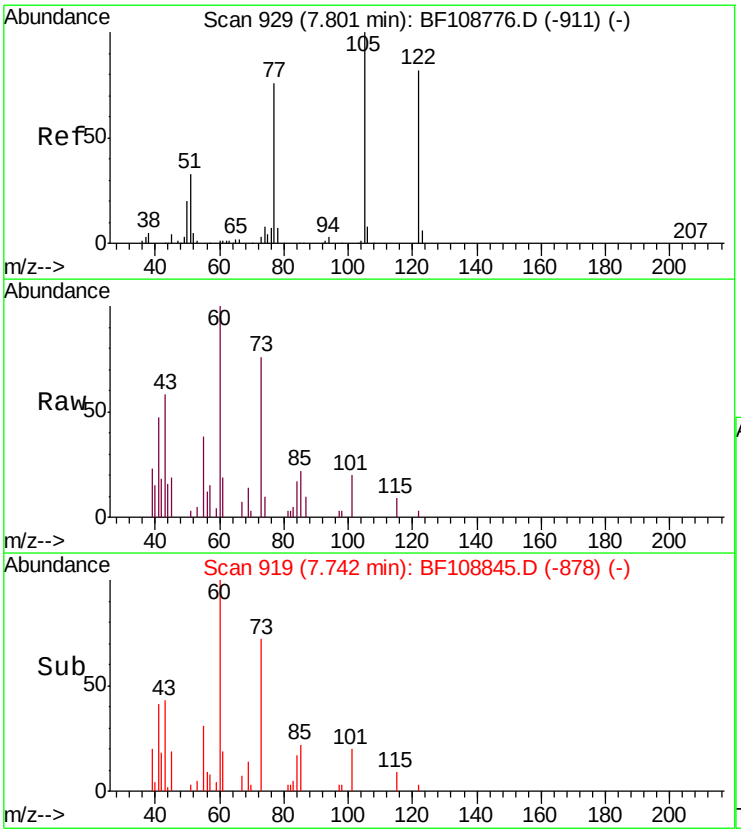
#23
Nitrobenzene-d5
Concen: 0.434 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 82 Resp: 5066

Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	47.6	41.4	62.2

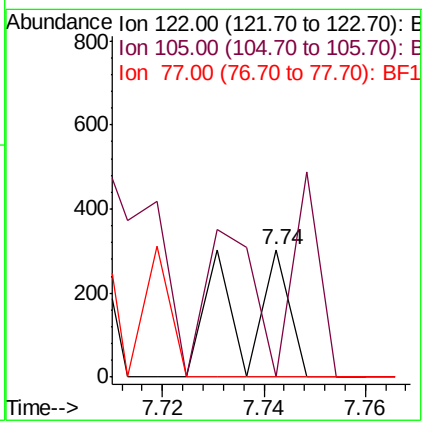


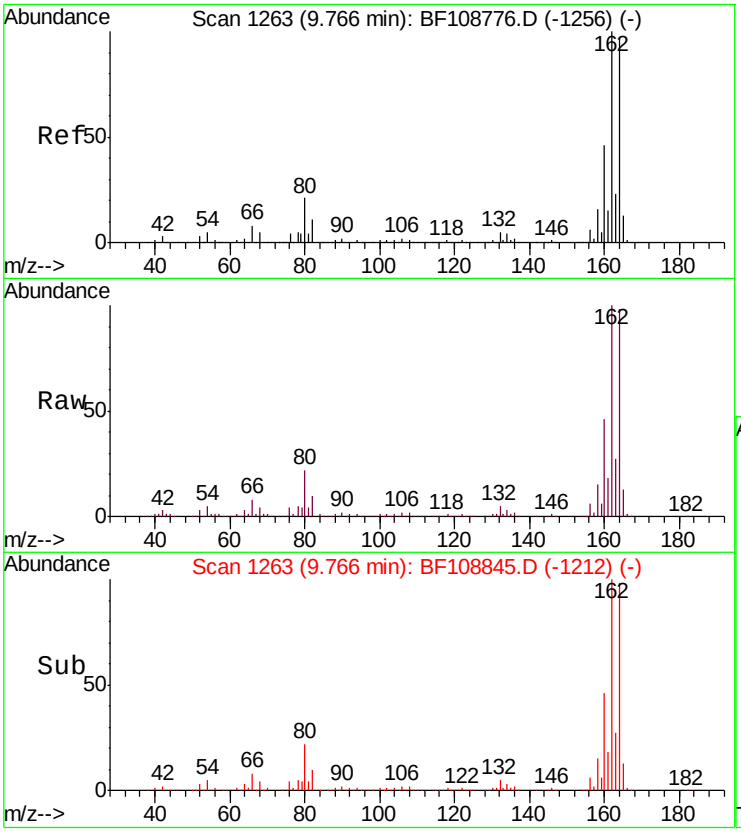


#32
Benzoic acid
Concen: 4.051 ng
RT: 7.74 min Scan# 919
Delta R.T. -0.06 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:122 Resp: 214

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



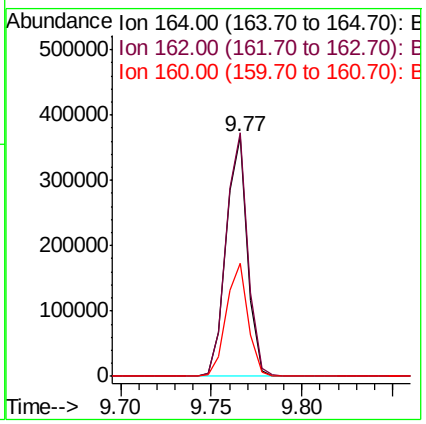


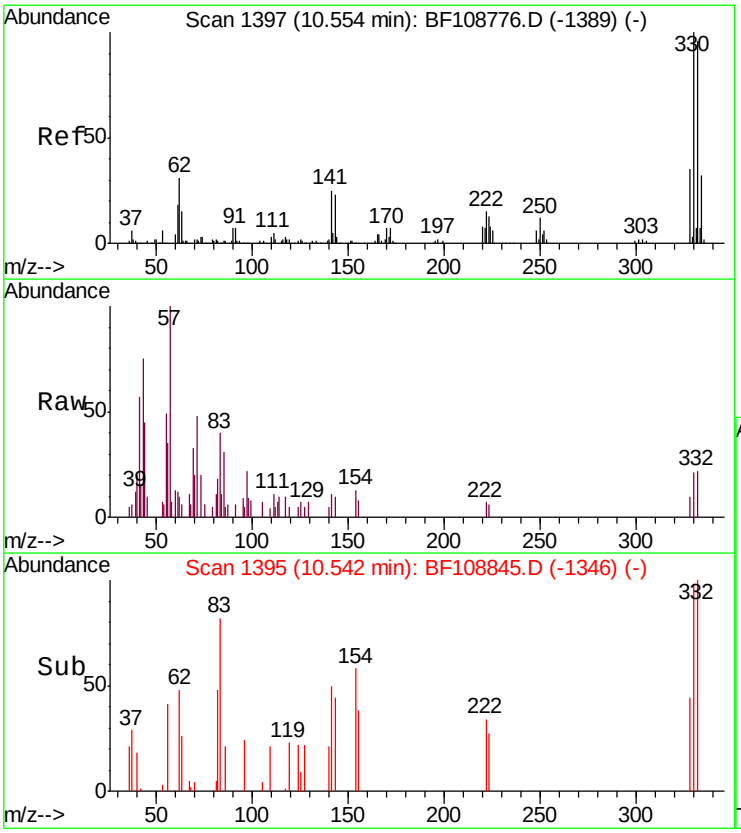
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:164 Resp: 300445

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	47.2	38.3	57.5

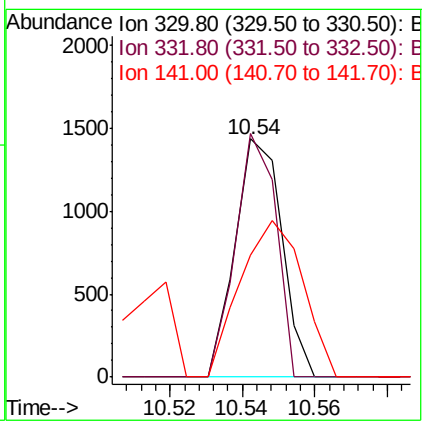


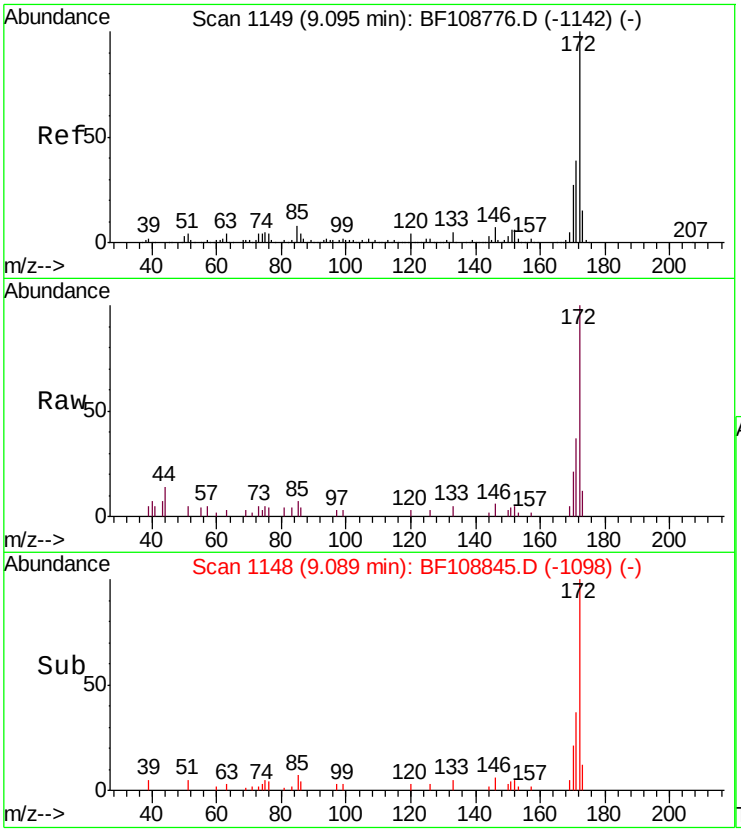


#41
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:330 Resp: 1286

Ion	Ratio	Lower	Upper
330	100		
332	88.5	77.0	115.6
141	88.2	29.9	44.9#



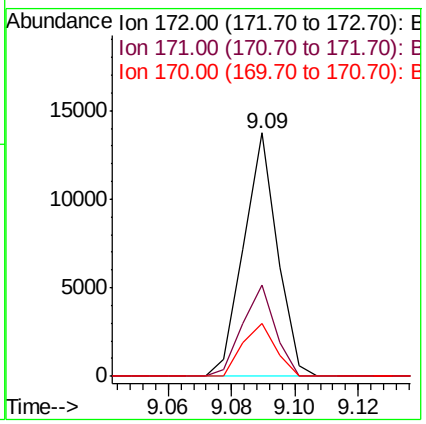


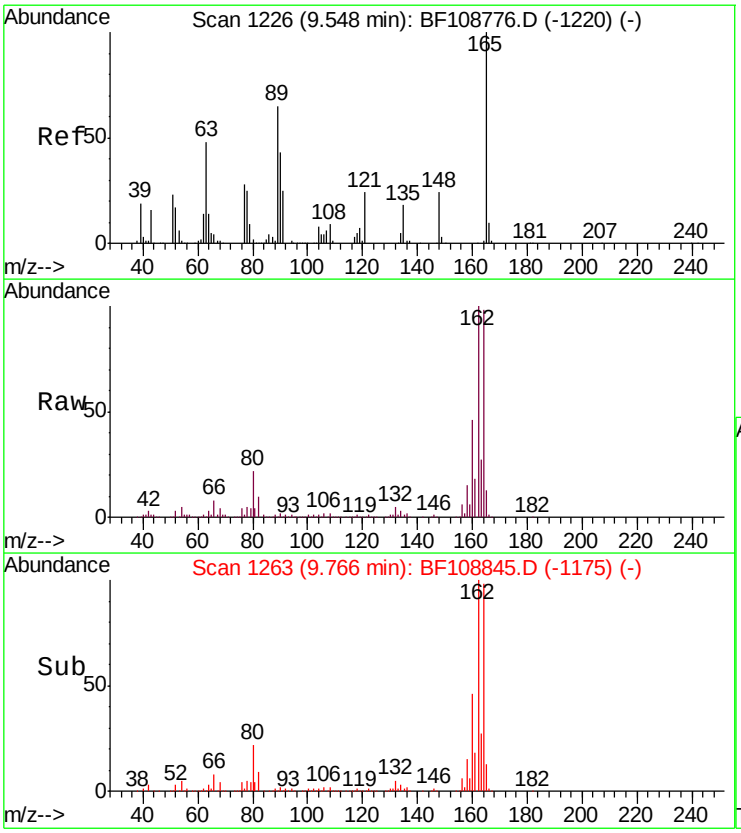
#44
2-Fluorobiphenyl
Concen: 0.574 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:172 Resp: 10104

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	21.5	19.6	29.4

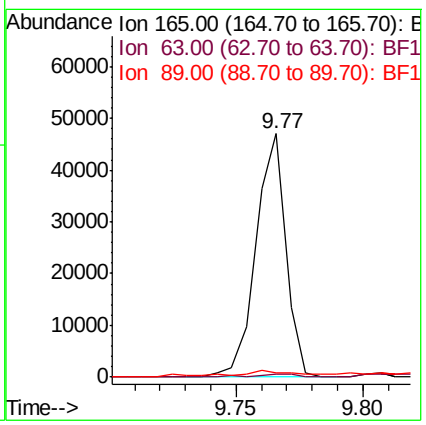


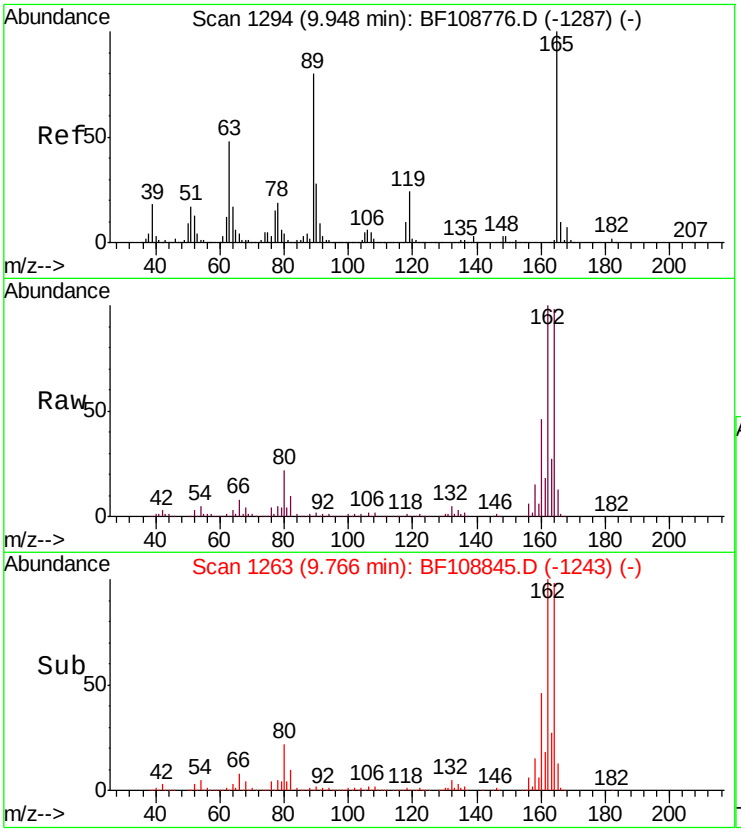


#50
2,6-Dinitrotoluene
Concen: 9.728 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:165 Resp: 38952

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.9	44.0	66.0#



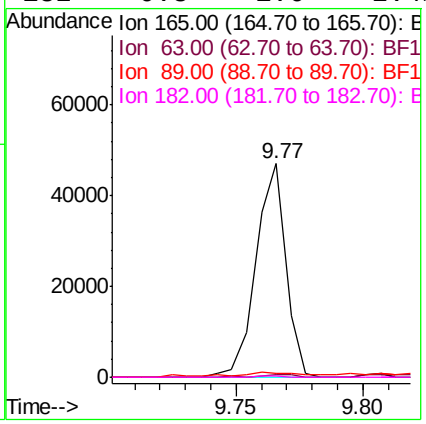


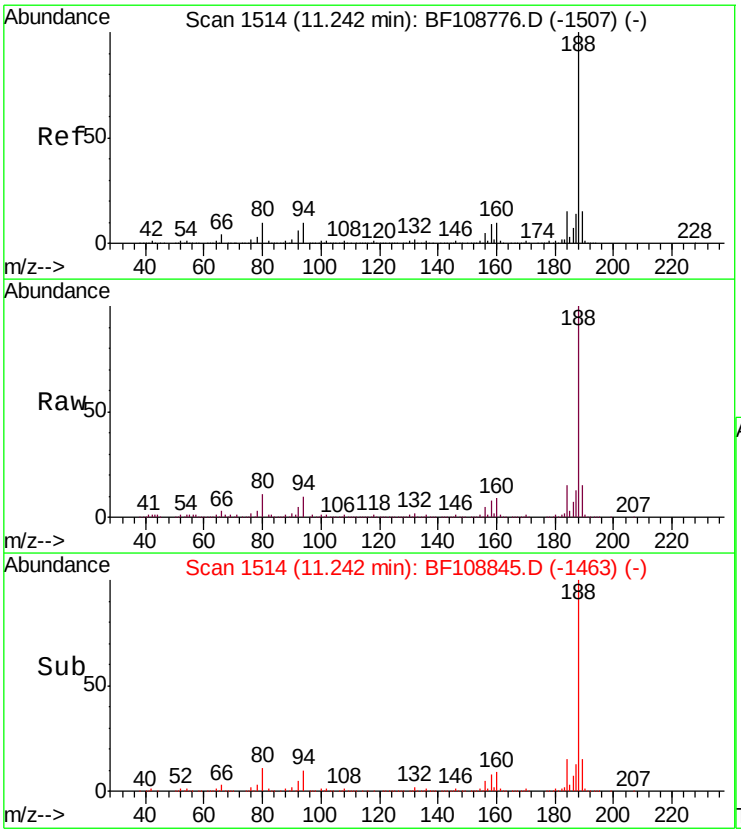
#56
2,4-Dinitrotoluene
Concen: 7.607 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:165 Resp: 38952

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.8	1.6	2.4#

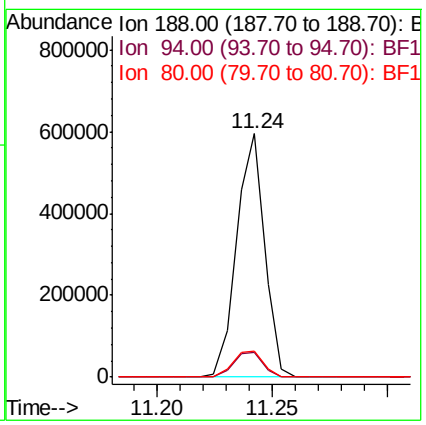


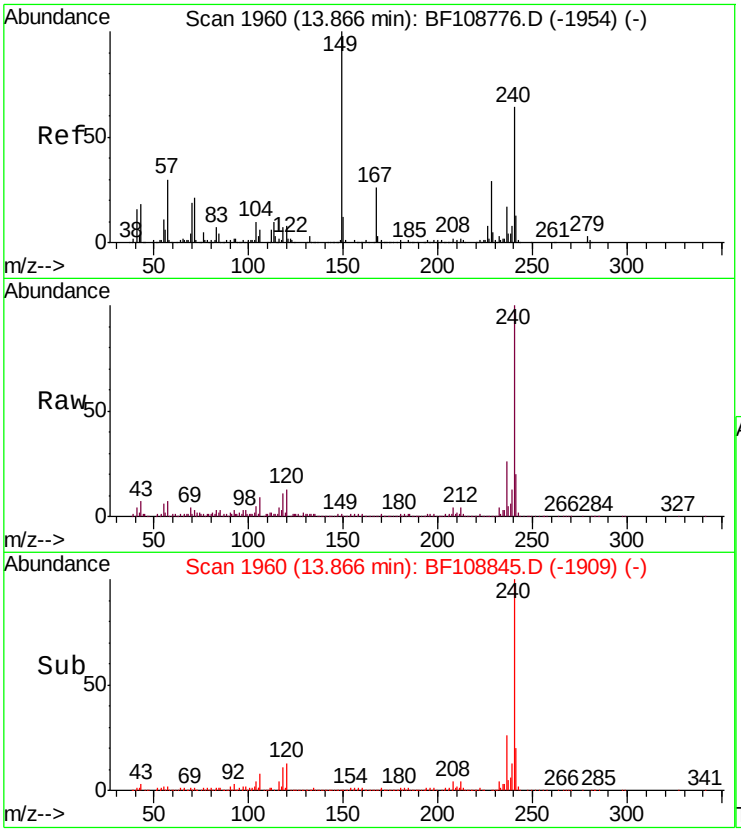


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:188 Resp: 501619

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8



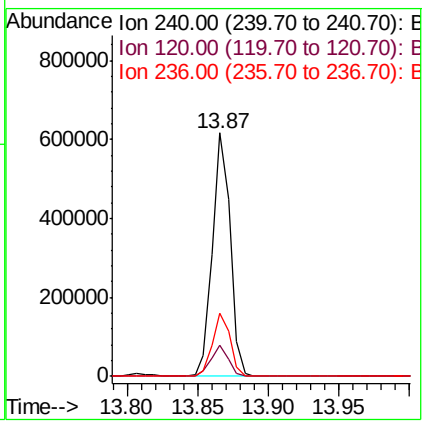


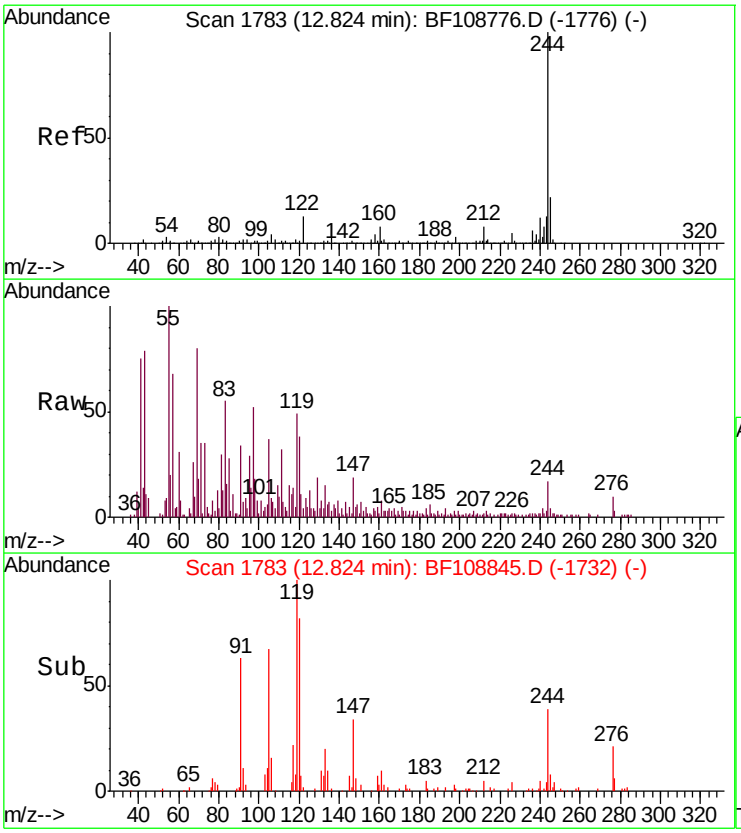
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:240 Resp: 539088

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.1	20.7	31.1

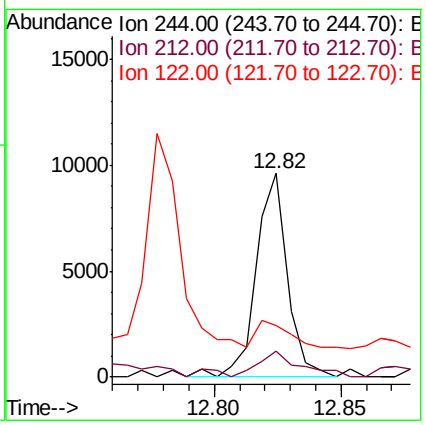


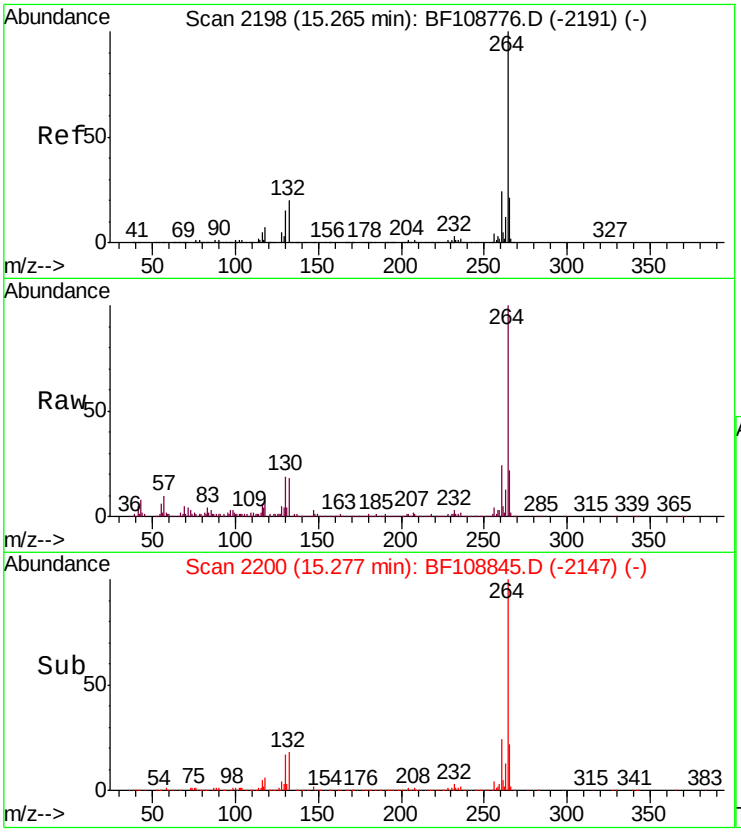


#78
Terphenyl-d14
Concen: 0.359 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:244 Resp: 8310

Ion	Ratio	Lower	Upper
244	100		
212	12.8	5.4	8.0#
122	25.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:264 Resp: 582600

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3