Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110094.D
Acq On : 23 Oct 2018 22:54
Operator : JU/SJ
Sample : J5164-07
Misc : LOD 8PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 24 07:34:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	187466	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	790563	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	390345	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	742895	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	634110	20.00	ng	-0.02
87) Perylene-d12	15.67	264	539976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1256259	109.13	ng	-0.02
7) Phenol-d6	6.59	99	1571701	106.74	ng	-0.02
23) Nitrobenzene-d5	7.53	82	960045	72.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	417771	108.05	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1755681	70.63	ng	-0.02
79) Terphenyl-d14	13.09	244	1839758	60.34	ng	-0.02
Target Compounds						Qvalue
41) Hexachlorocyclopentadiene	9.11	237	43578	7.007	ng	98
54) 2,4-Dinitrophenol	10.06	184	9949	8.953	ng	90
70) Pentachlorophenol	11.30	266	24307	4.875	ng	97

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

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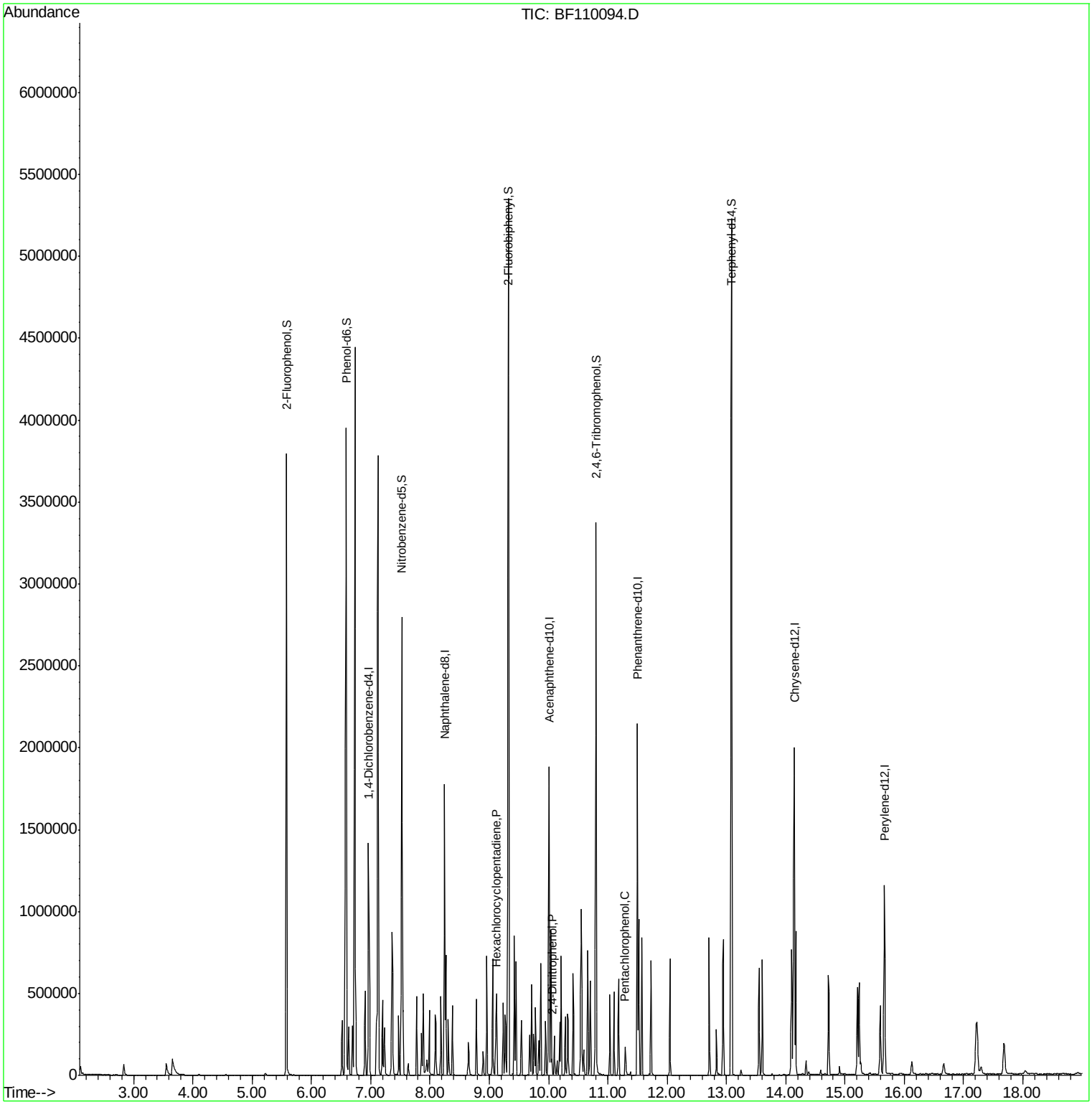
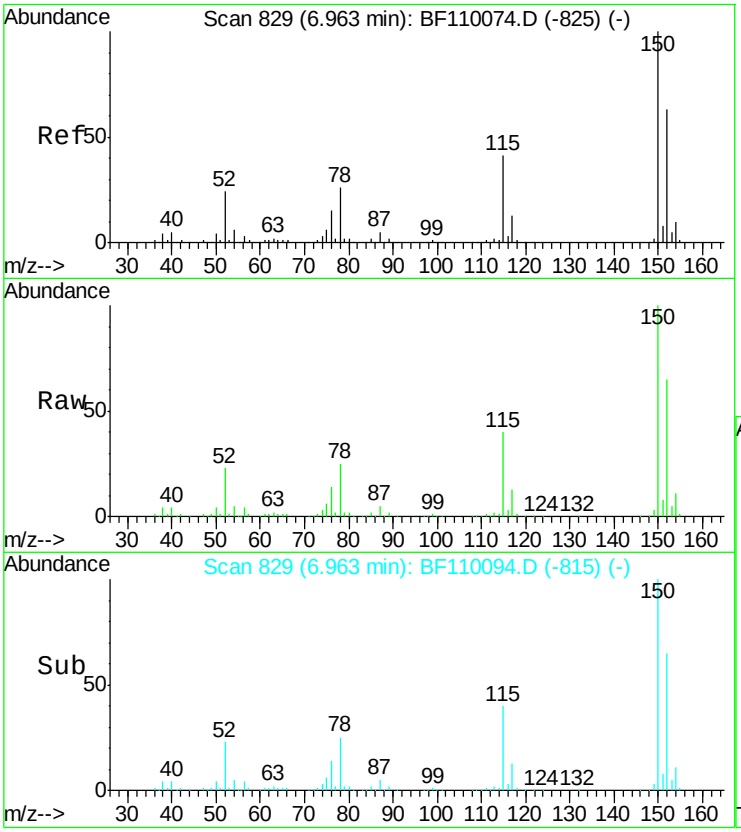


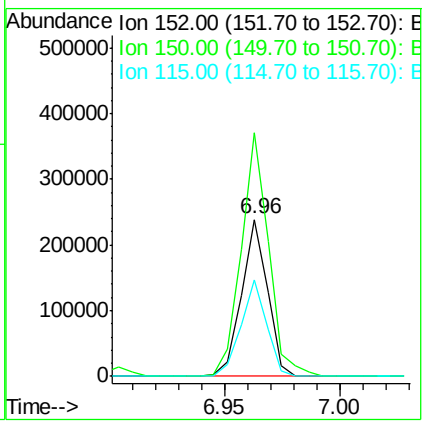


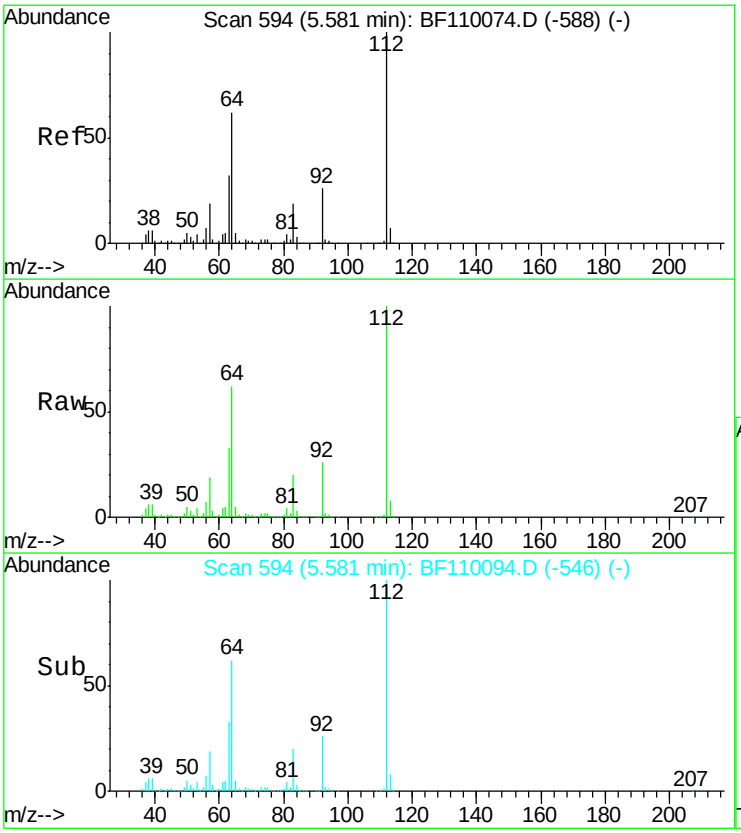
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 187466

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	61.7	49.1	73.7

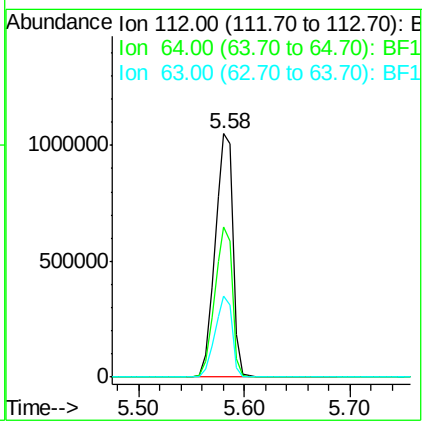


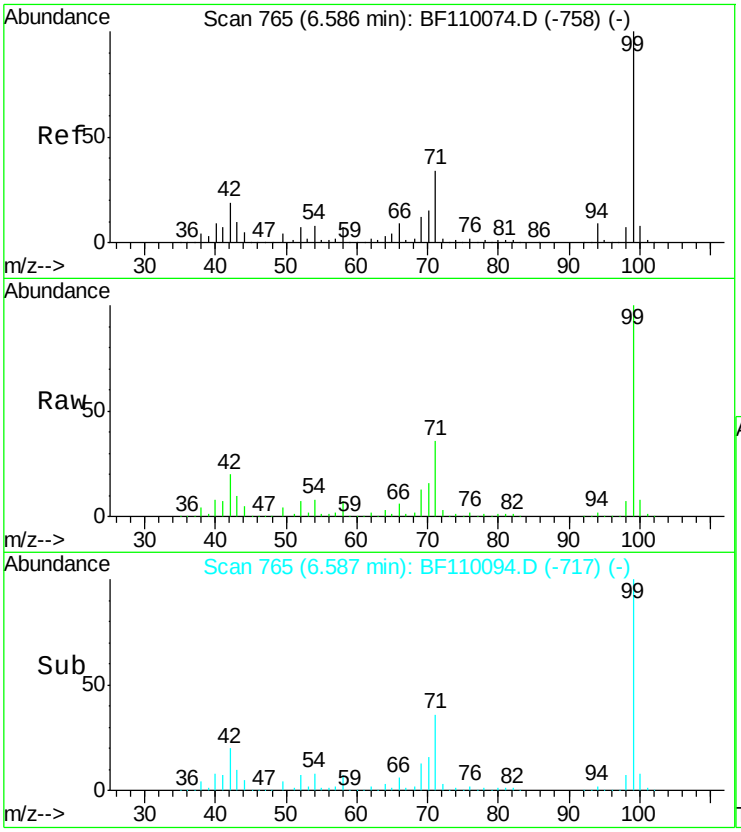


#5
2-Fluorophenol
Concen: 109.127 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:112 Resp: 1256259

Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	33.3	23.7	35.5



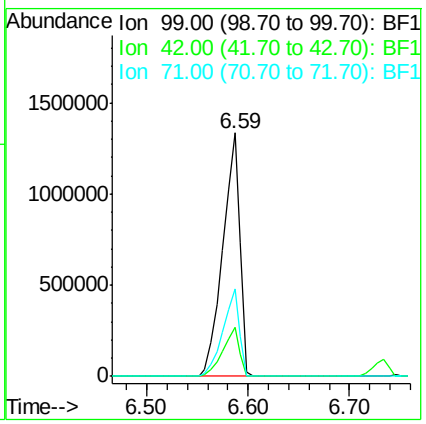


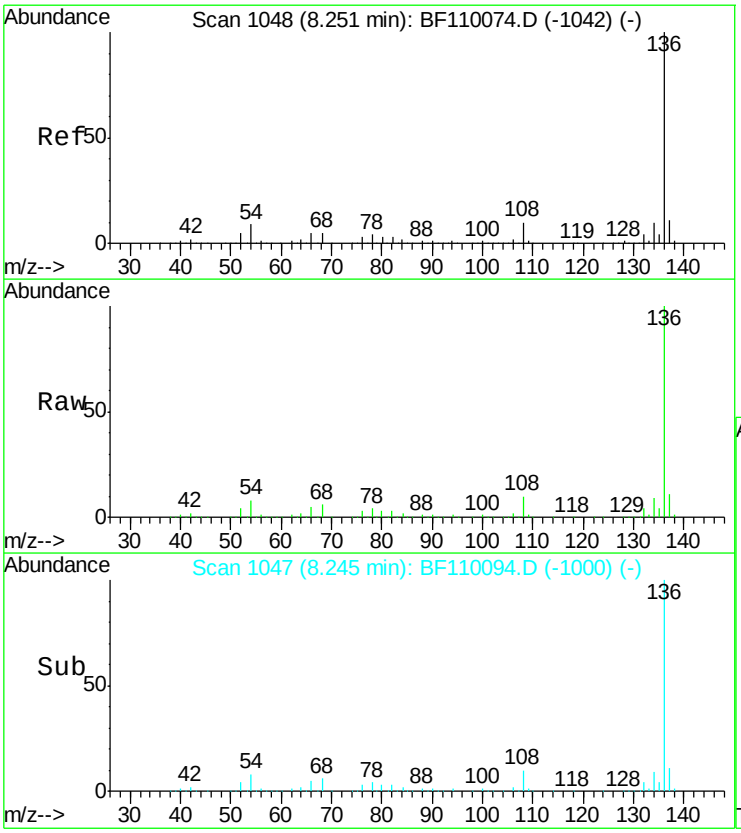
#7
Phenol-d6
Concen: 106.740 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 99 Resp: 1571701

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	35.8	28.0	42.0

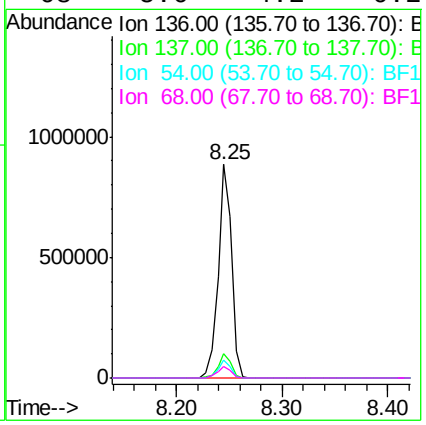


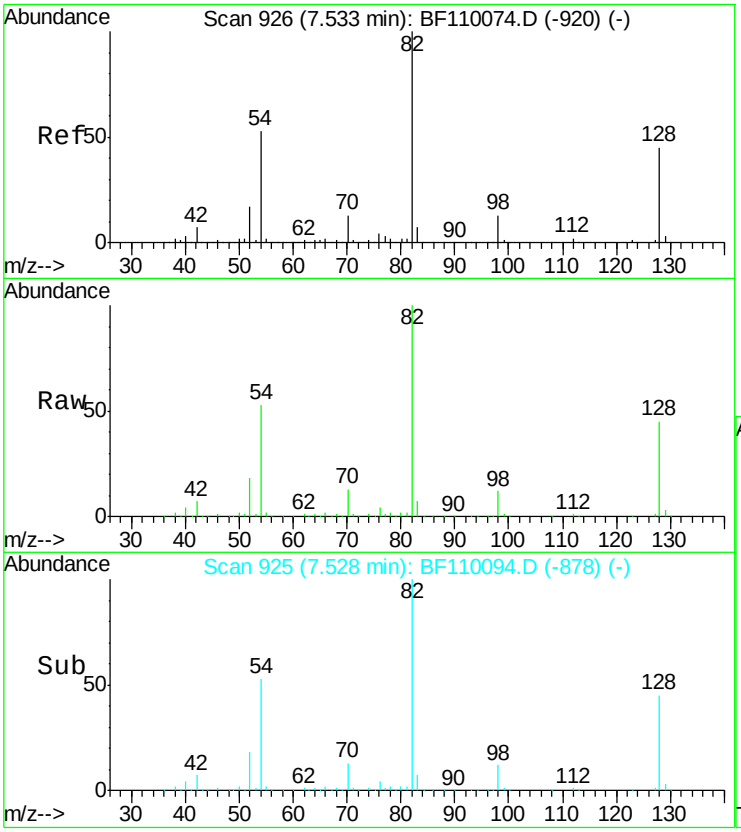


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:136 Resp: 790563

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	5.4	8.2#
68	5.6	4.2	6.2



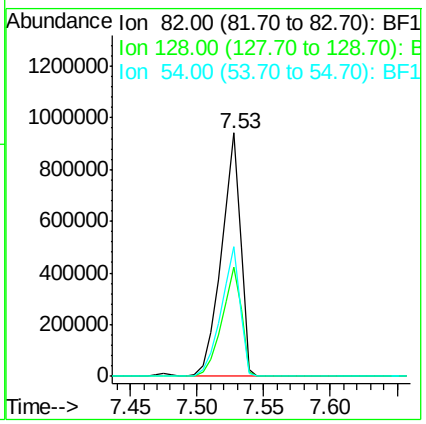


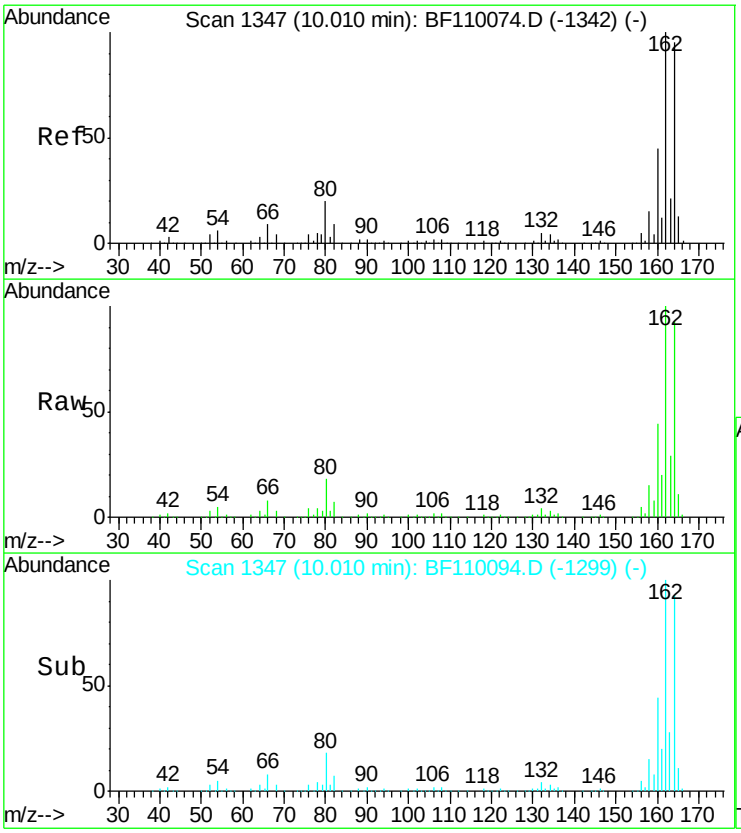
#23
Nitrobenzene-d5
Concen: 72.029 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 82 Resp: 960045

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.2	38.6	58.0

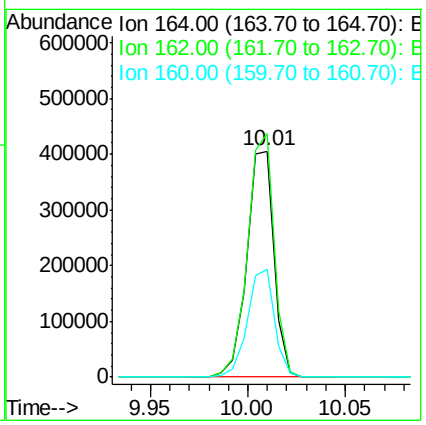


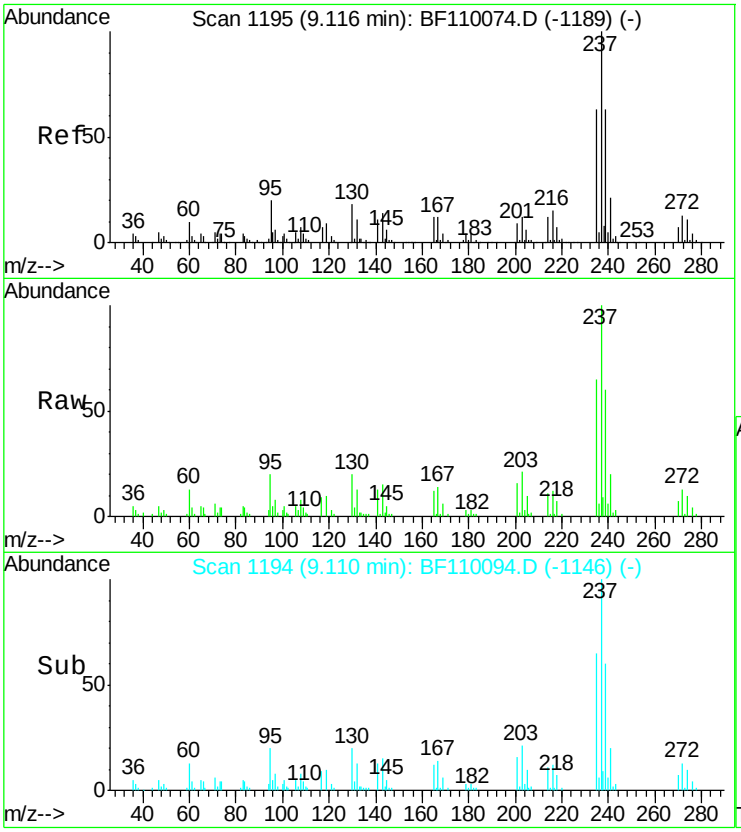


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:164 Resp: 390345

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.0	124.6
160	47.9	37.0	55.6



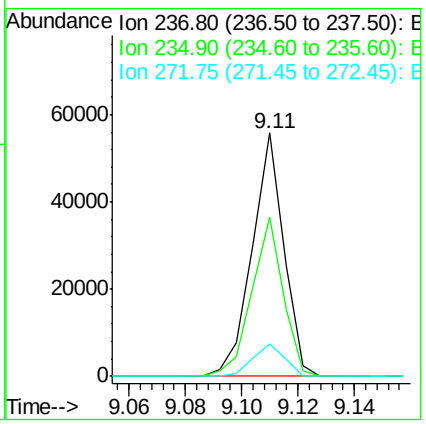


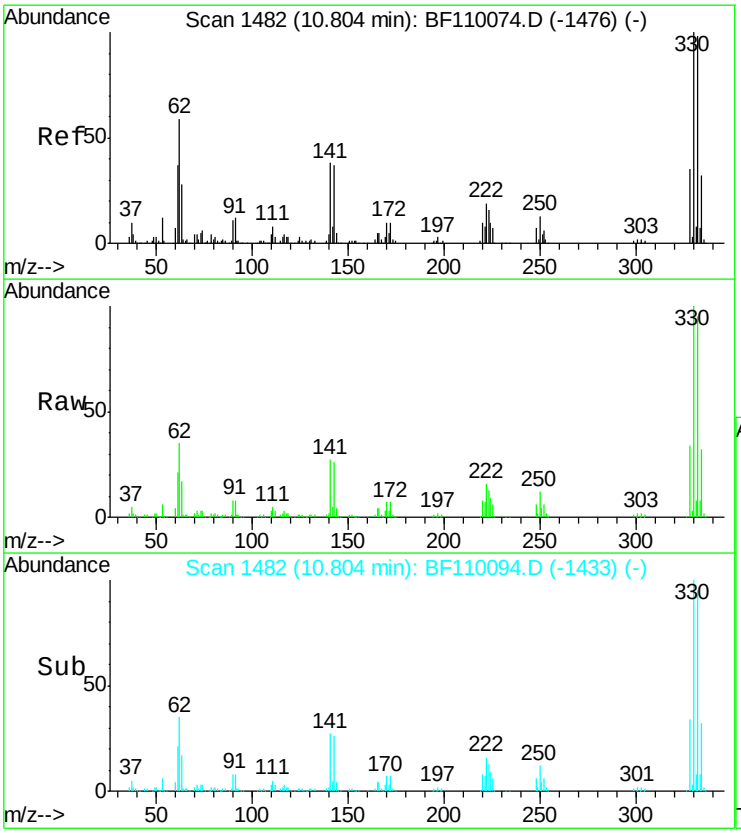
#41
Hexachlorocyclopentadiene
Concen: 7.007 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:237 Resp: 43578

Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.1	83.1
272	13.3	0.0	32.6

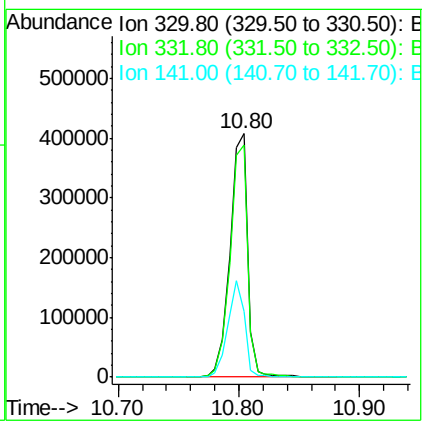


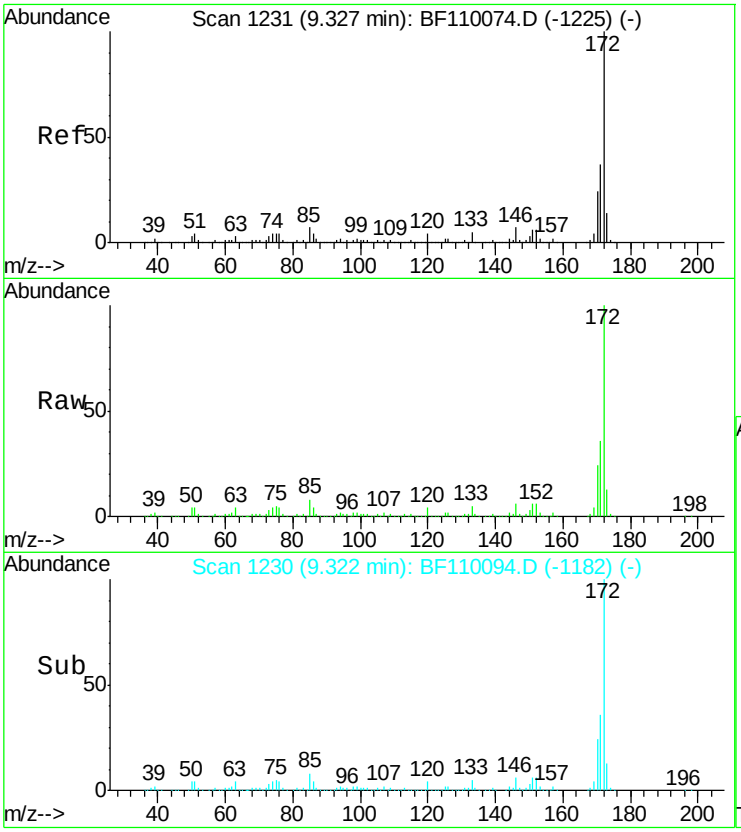


#42
2,4,6-Tribromophenol
Concen: 108.045 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:330 Resp: 417771

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.6	27.0	40.4



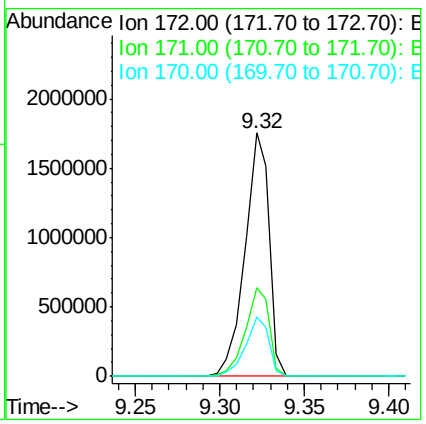


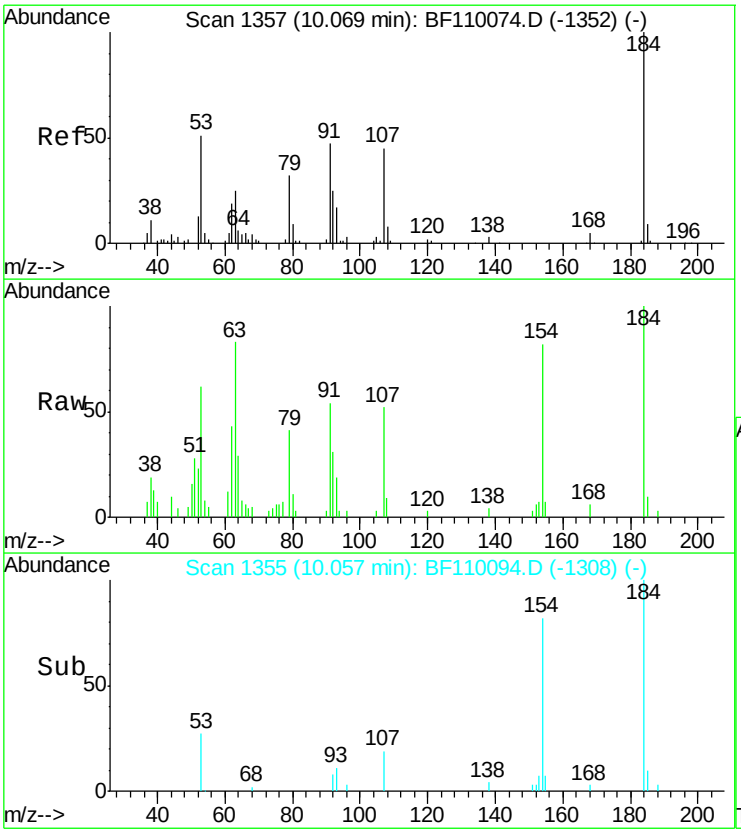
#45
2-Fluorobiphenyl
Concen: 70.627 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:172 Resp: 1755681

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.4	19.7	29.5

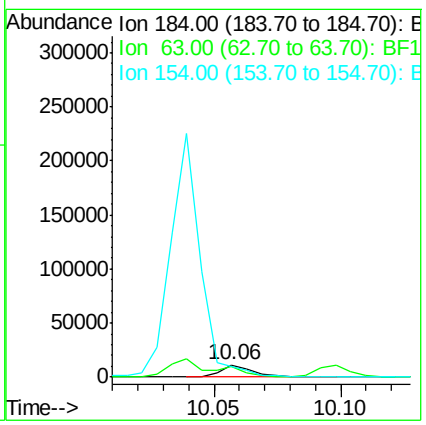


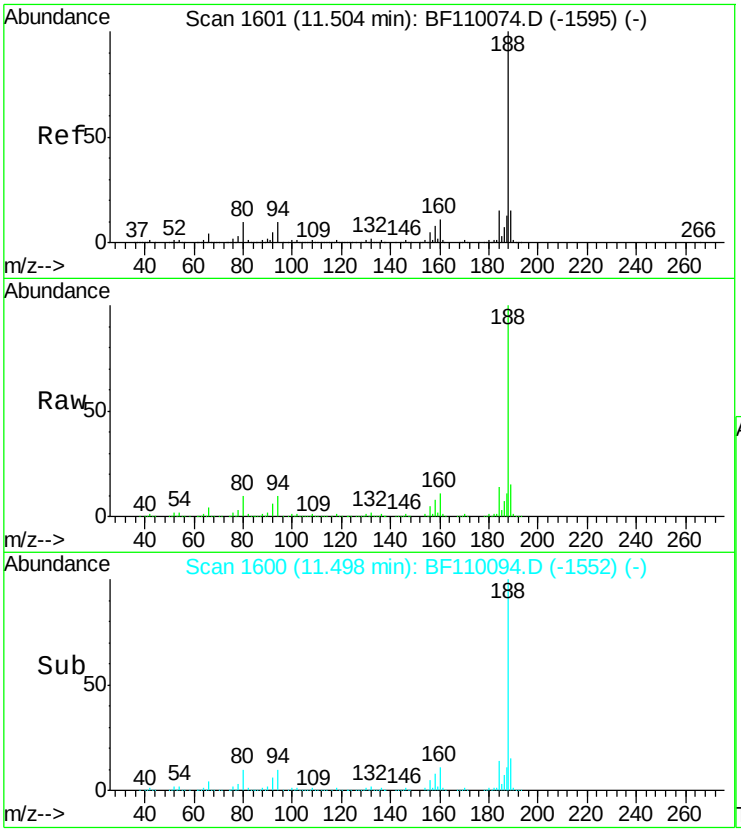


#54
2,4-Dinitrophenol
Concen: 8.953 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:184 Resp: 9949

Ion	Ratio	Lower	Upper
184	100		
63	83.0	55.8	83.6
154	82.1	63.2	94.8



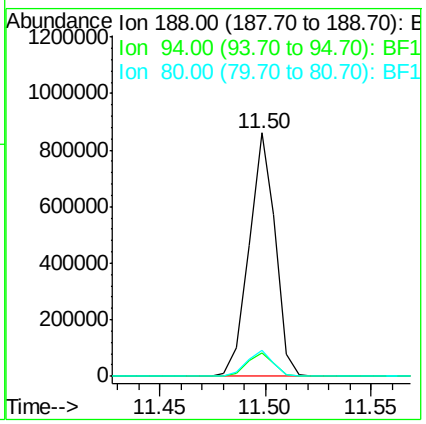


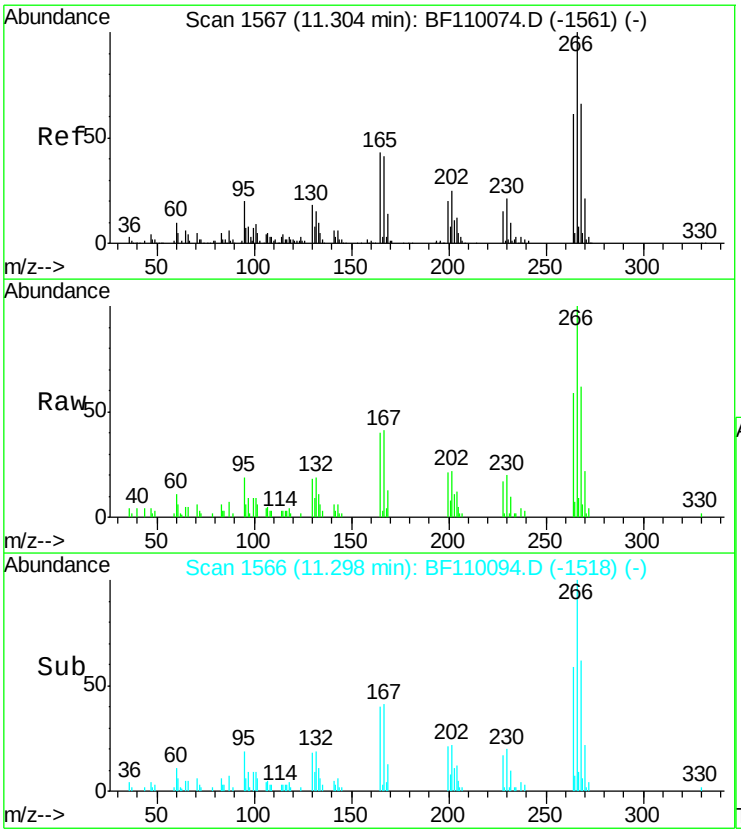
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:188 Resp: 742895

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.4	7.9	11.9

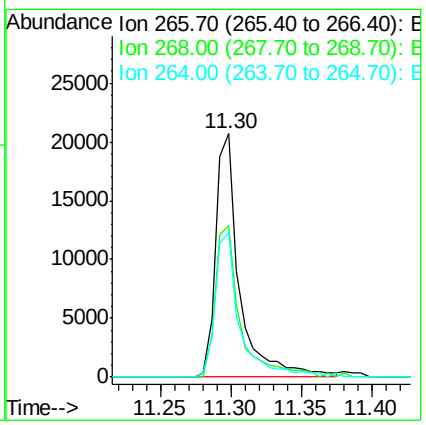


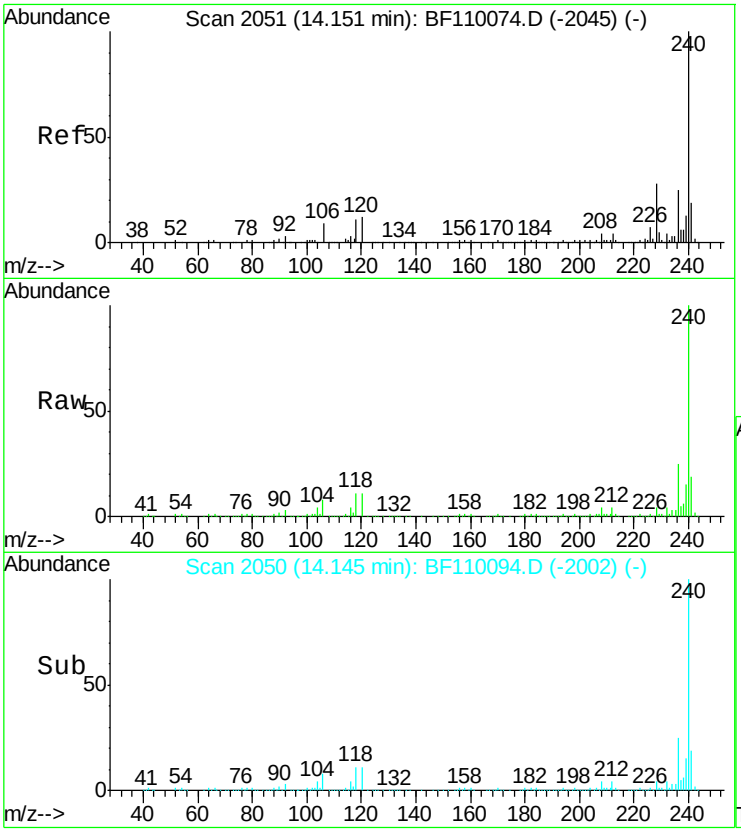


#70
Pentachlorophenol
Concen: 4.875 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:266 Resp: 24307

Ion	Ratio	Lower	Upper
266	100		
268	62.0	50.6	75.8
264	59.4	50.6	75.8



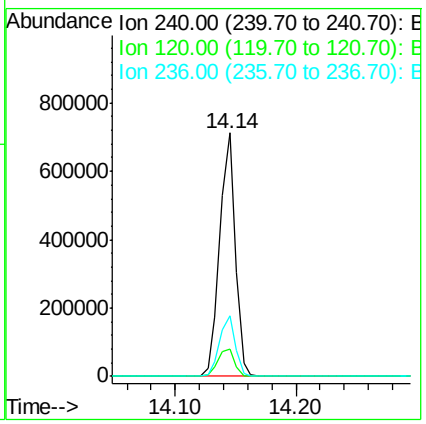


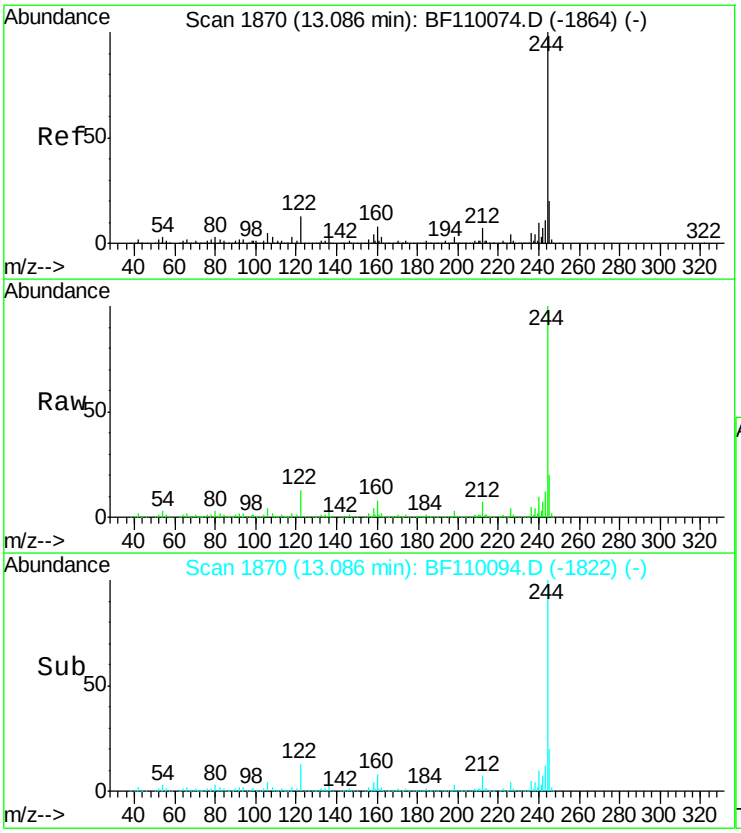
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:240 Resp: 634110

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.0	21.2	31.8

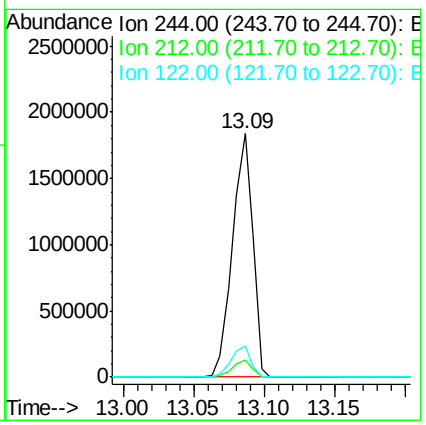


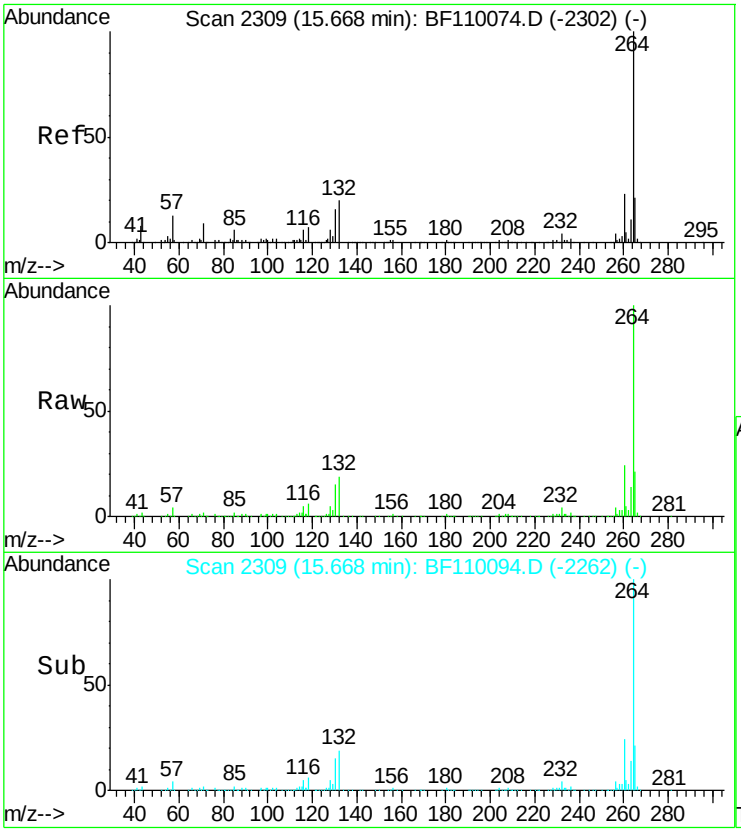


#79
Terphenyl-d14
Concen: 60.339 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Tgt Ion:244 Resp: 1839758

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110094.D
Acq: 23 Oct 2018 22:54

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:264 Resp: 539976

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	16.7	25.1