Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110805.D
Acq On : 15 Nov 2018 22:56
Operator : JU/SJ
Sample : J5939-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Time: Nov 16 08:00:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61853	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	248247	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	106187	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	172196	20.00	ng		0.00
76) Chrysene-d12	14.13	240	152258	20.00	ng		0.00
87) Perylene-d12	15.66	264	109412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	332461	87.31	ng		0.01
7) Phenol-d6	6.56	99	304777	62.59	ng		-0.01
23) Nitrobenzene-d5	7.50	82	290380	67.36	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	79149	73.97	ng		-0.01
45) 2-Fluorobiphenyl	9.30	172	553949	74.50	ng		0.00
79) Terphenyl-d14	13.06	244	437674	53.83	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.60	93	50637	7.974	ng	#	55
33) 4-Chloroaniline	8.31	127	28939	5.482	ng	#	94
77) Benzidine	12.82	184	751612	179.505	ng		96
82) 3,3'-Dichlorobenzidine	14.08	252	8636	2.833	ng	#	94

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

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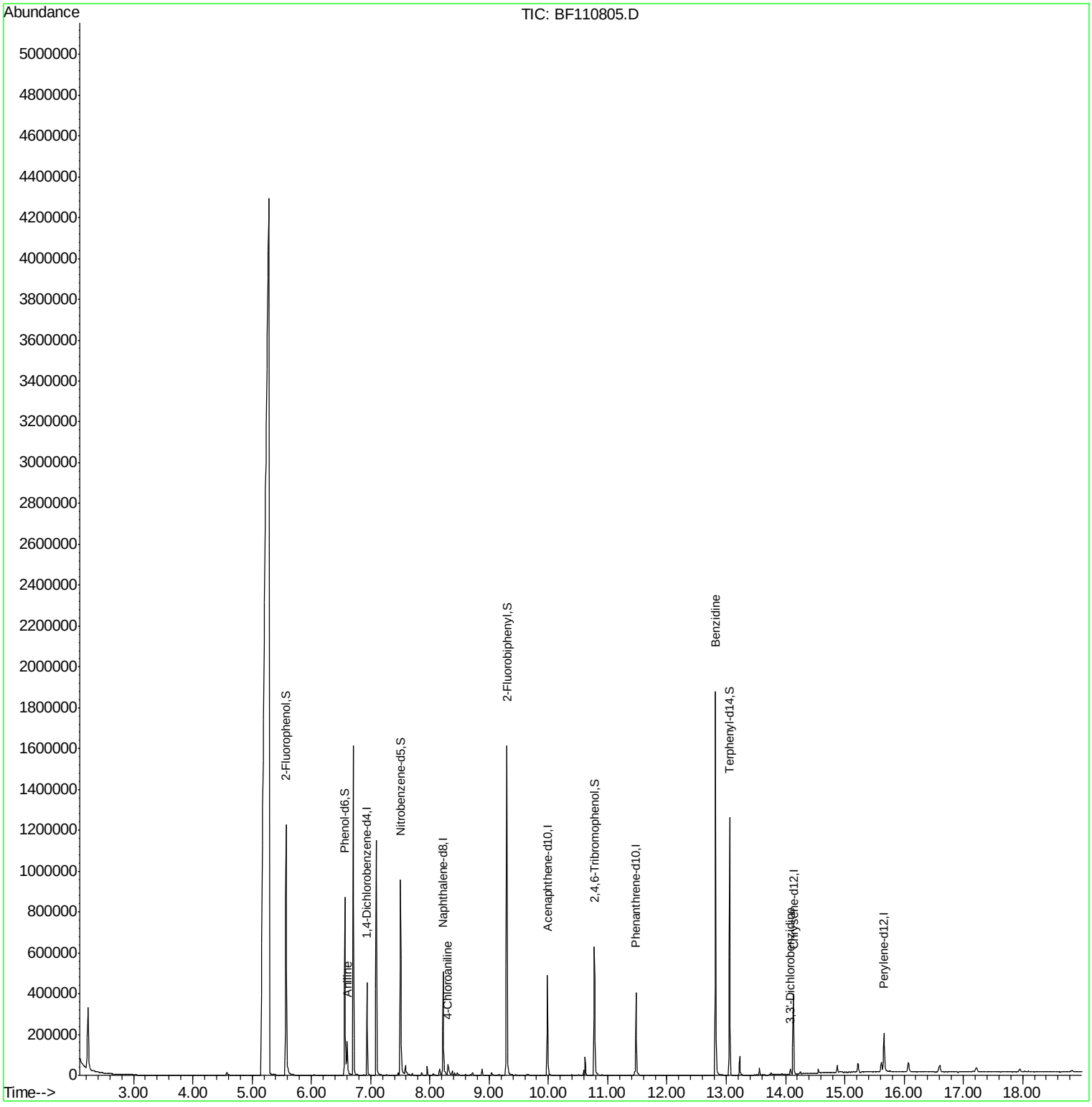
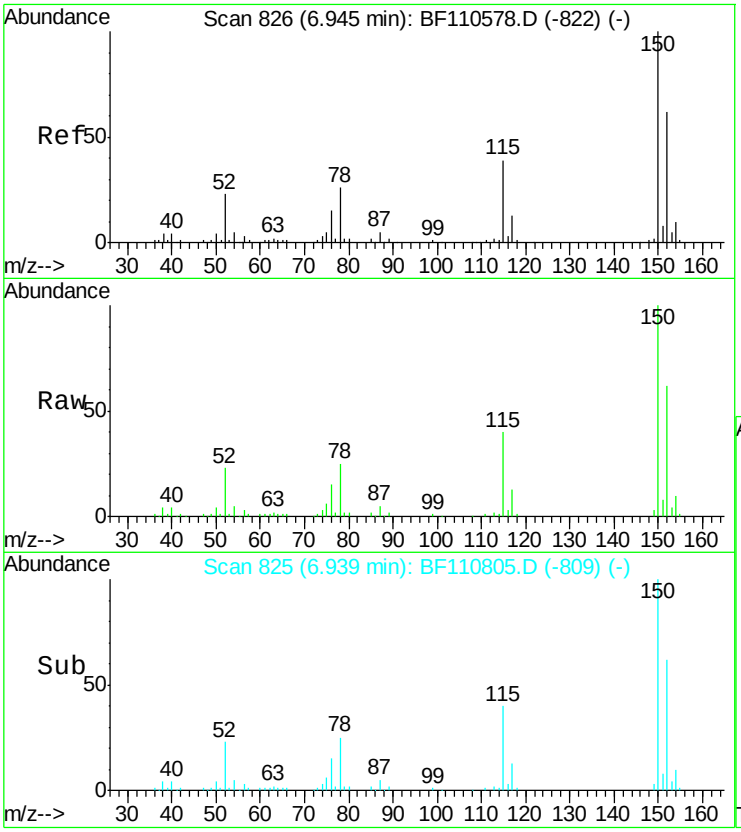


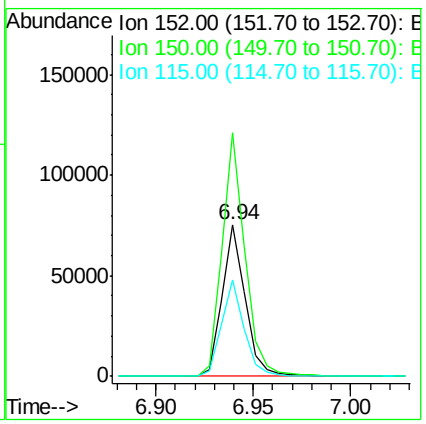


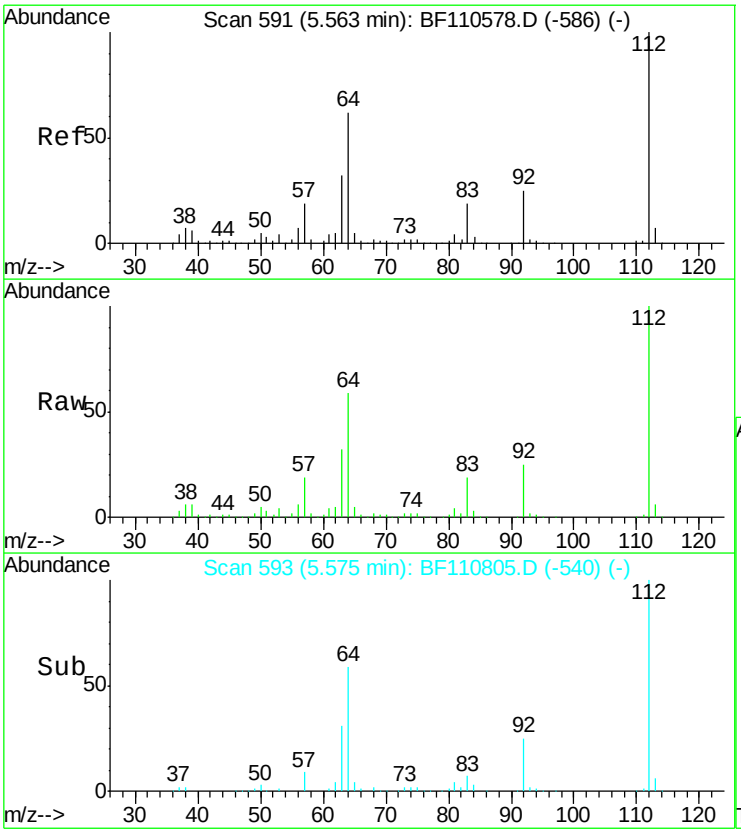
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:152 Resp: 61853

Ion	Ratio	Lower	Upper
152	100		
150	160.1	122.7	184.1
115	63.6	49.1	73.7

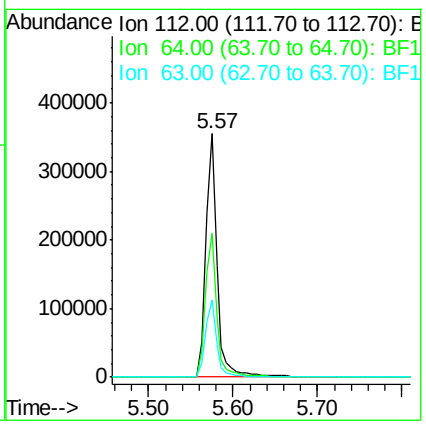


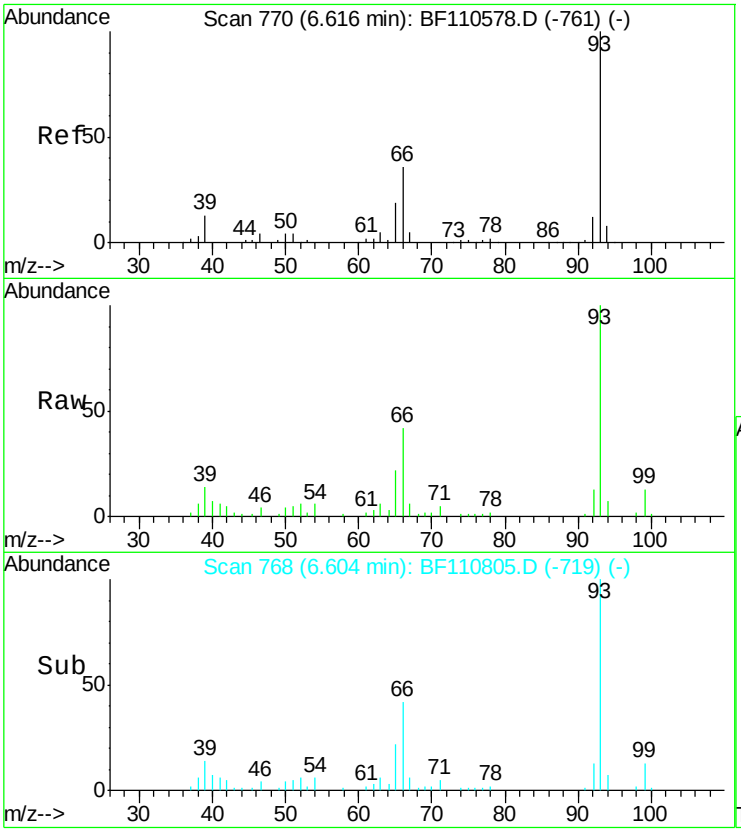


#5
2-Fluorophenol
Concen: 87.307 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:112 Resp: 332461

Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	31.9	23.7	35.5



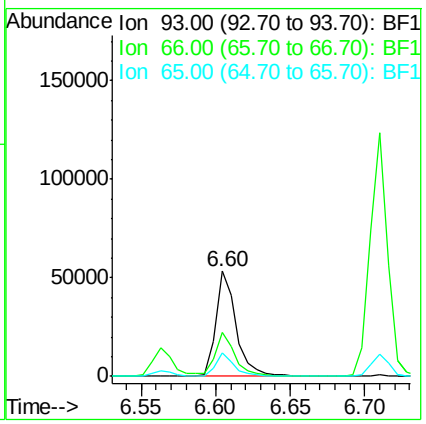


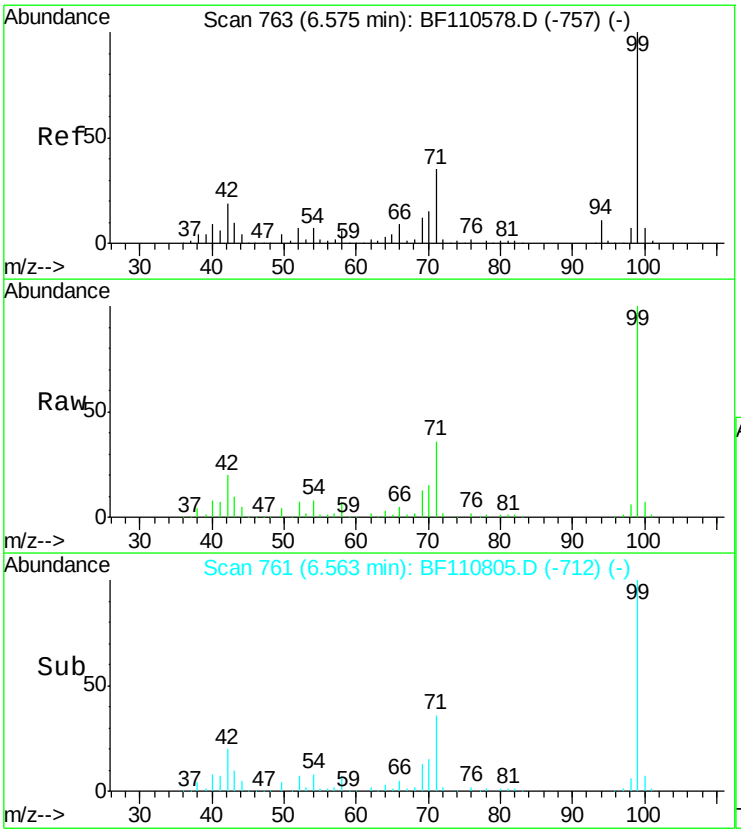
#6
Aniline
Concen: 7.974 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 93 Resp: 50637

Ion	Ratio	Lower	Upper
93	100		
66	41.6	67.4	101.0#
65	22.1	41.0	61.4#

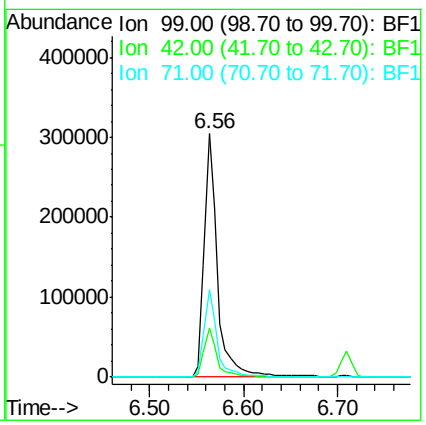


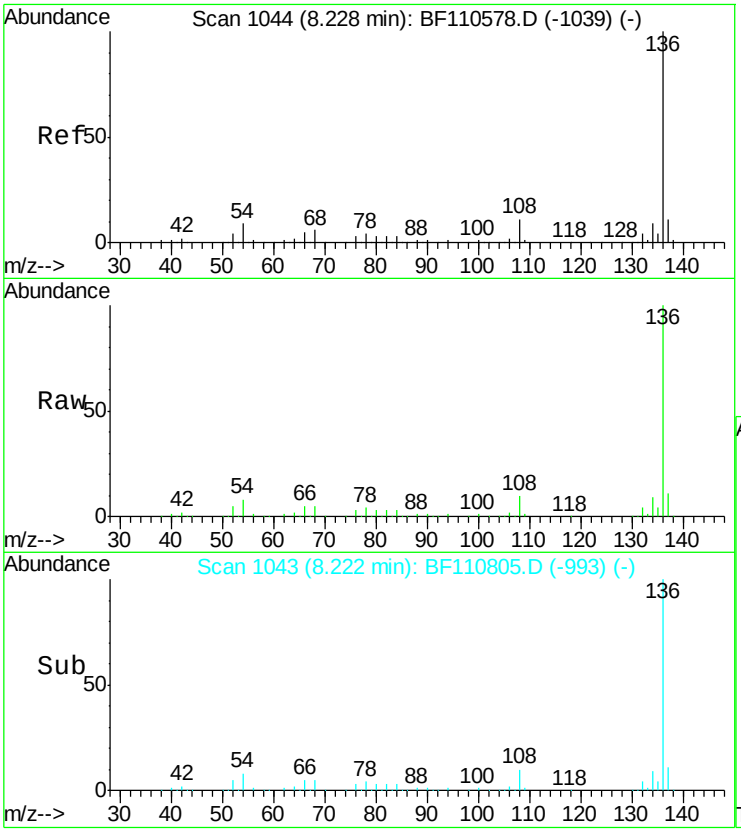


#7
Phenol-d6
Concen: 62.590 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion: 99 Resp: 304777

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	36.1	28.0	42.0



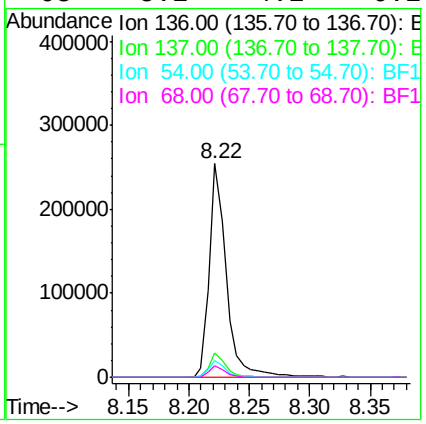


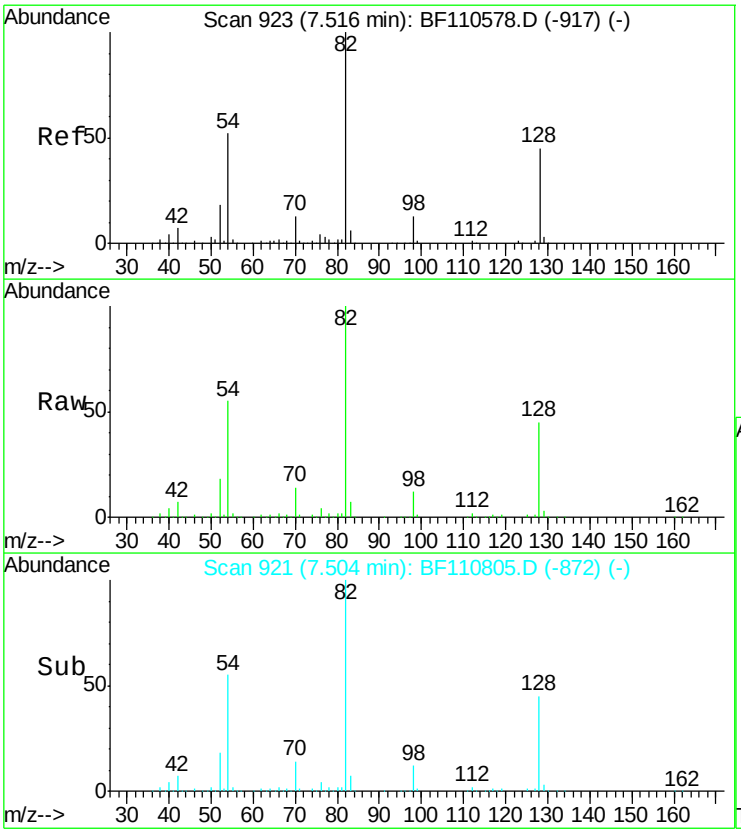
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:136 Resp: 248247

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.7	5.4	8.2
68	5.2	4.2	6.2

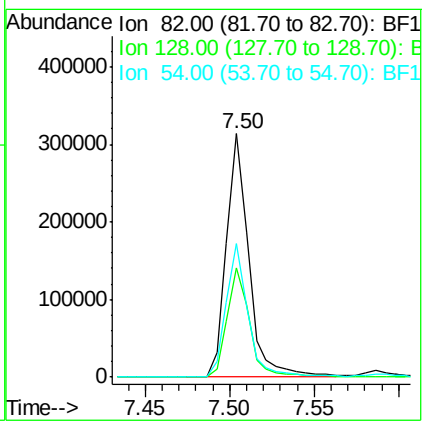


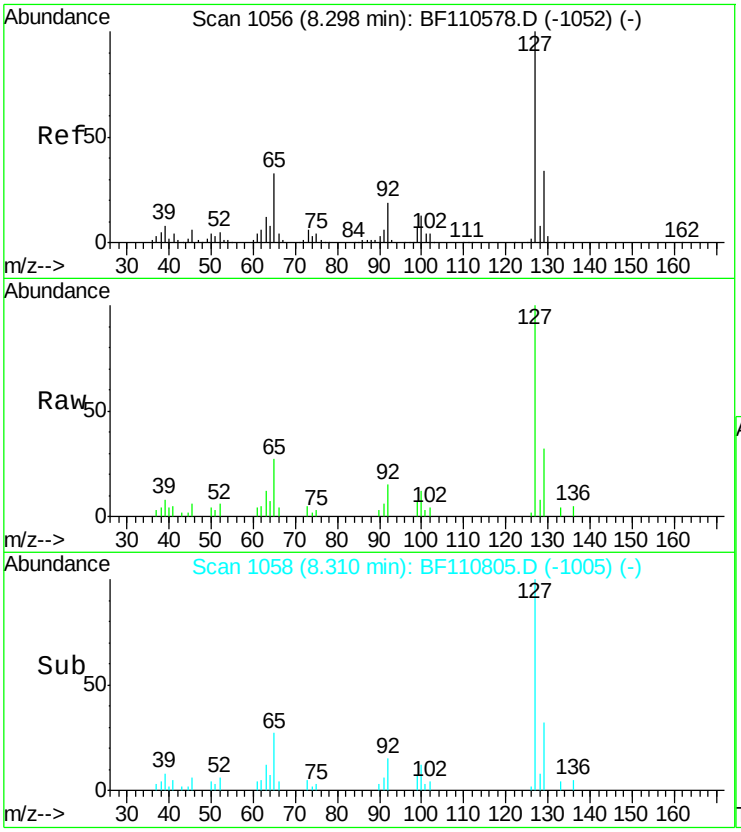


#23
Nitrobenzene-d5
Concen: 67.364 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion: 82 Resp: 290380

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	54.6	38.6	58.0



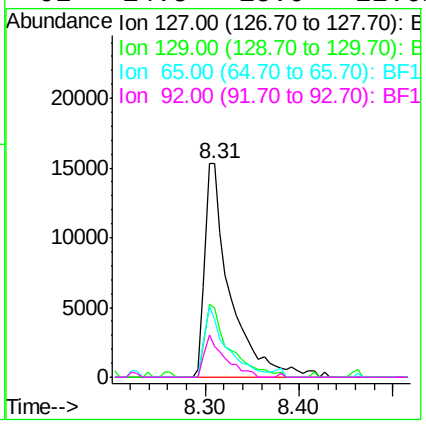


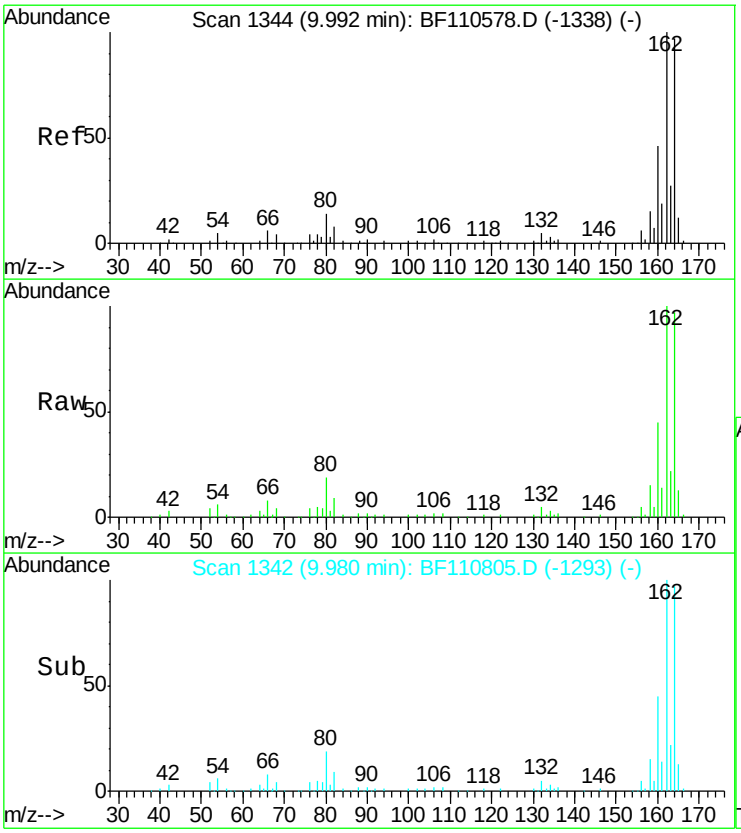
#33
4-Chloroaniline
Concen: 5.482 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:127 Resp: 28939

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	26.7	25.1	37.7
92	14.5	15.0	22.6#

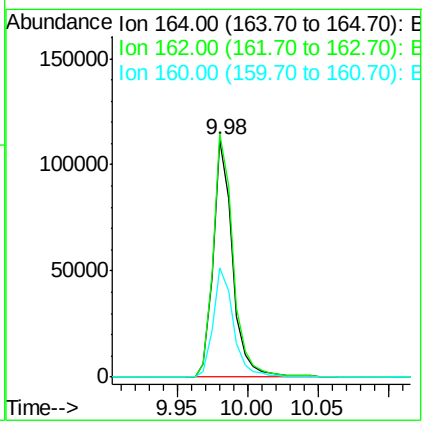


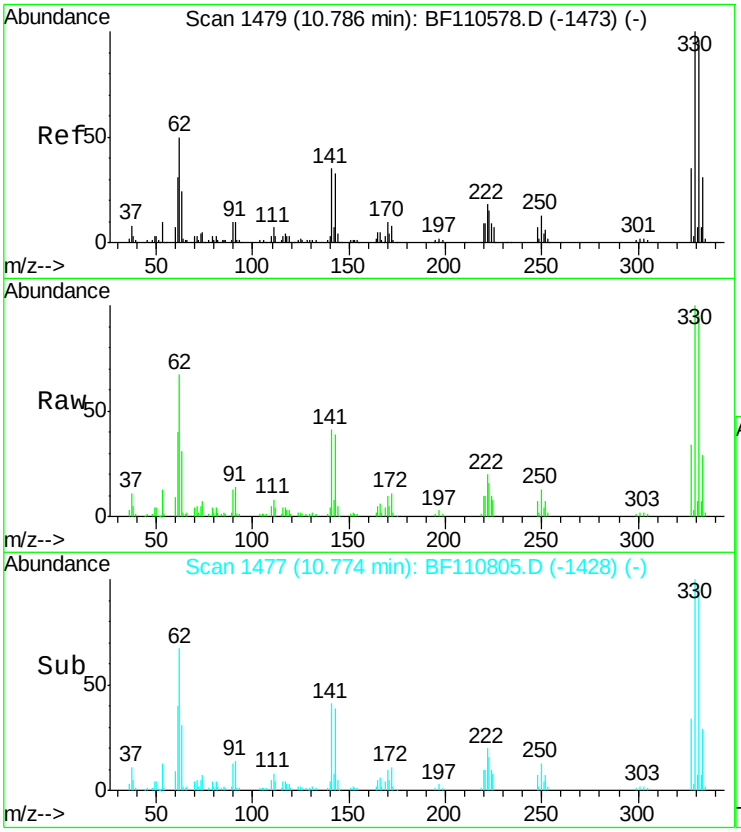


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:164 Resp: 106187

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	46.1	37.0	55.6



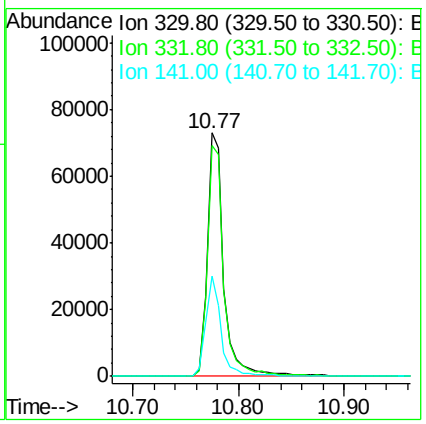


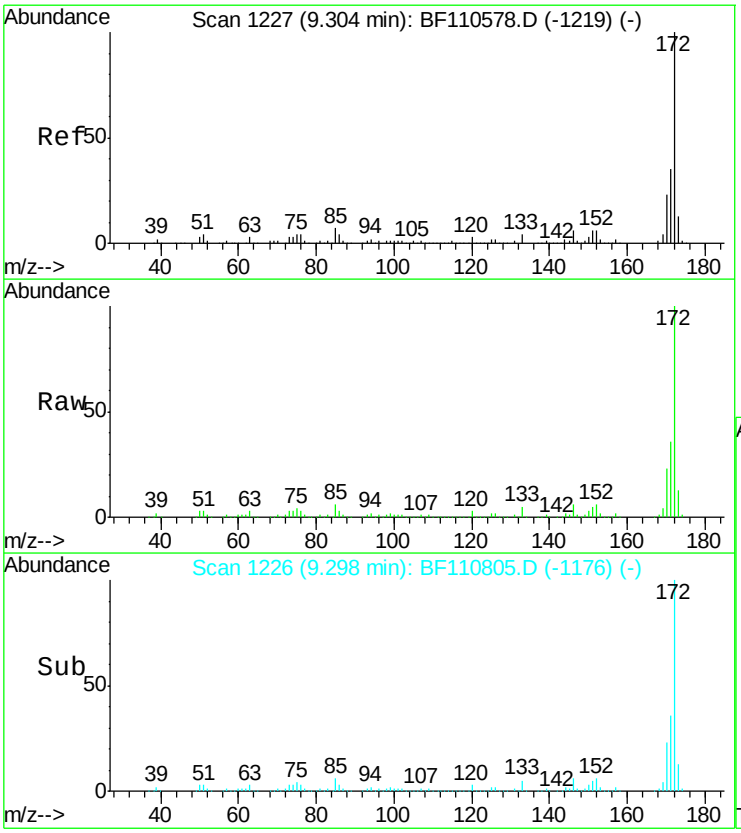
#42
2,4,6-Tribromophenol
Concen: 73.973 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:330 Resp: 79149

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.0	27.0	40.4

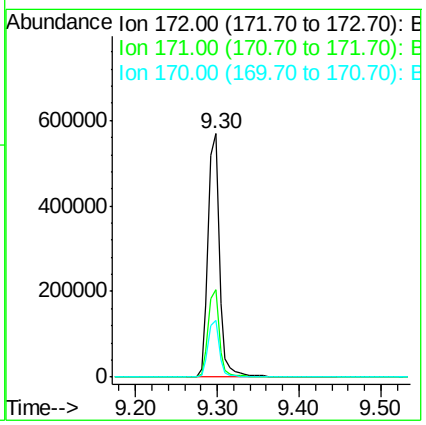


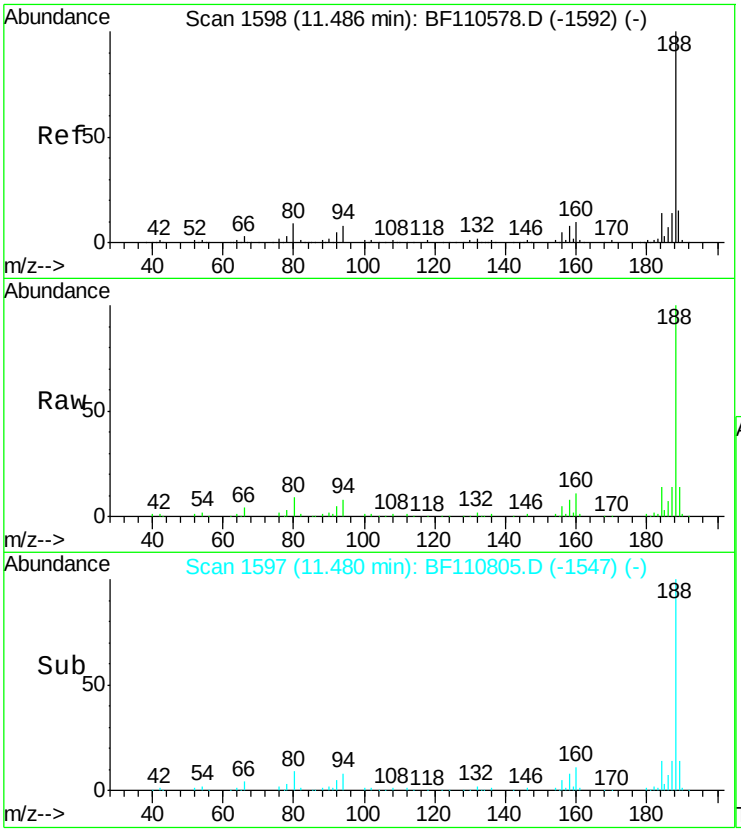


#45
2-Fluorobiphenyl
Concen: 74.504 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:172 Resp: 553949

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.3	19.7	29.5



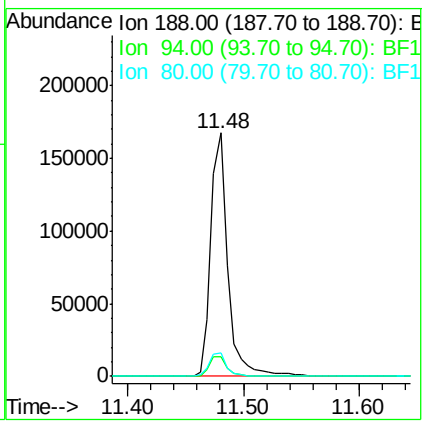


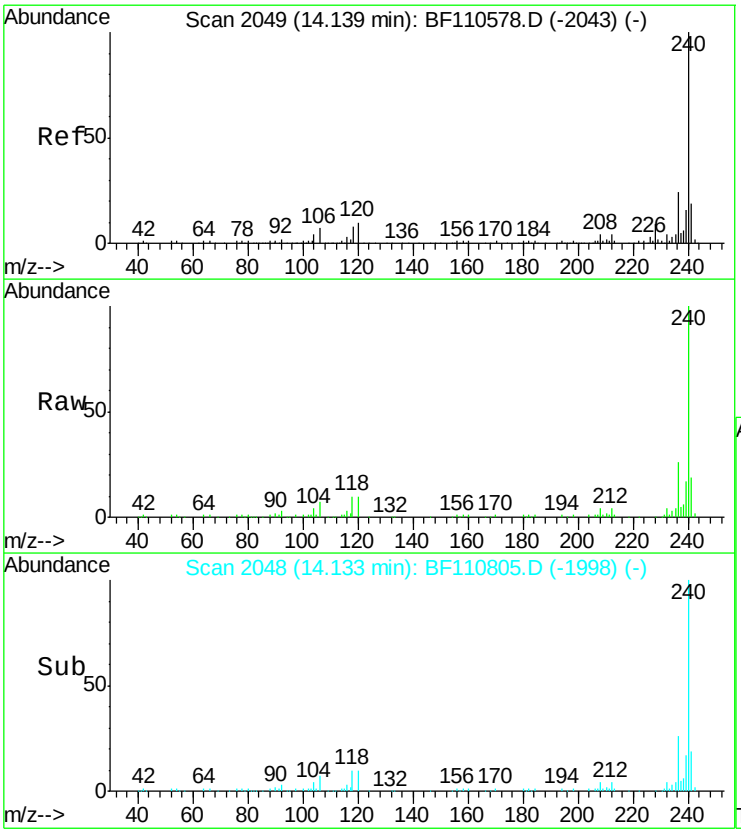
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:188 Resp: 172196

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.5	7.9	11.9

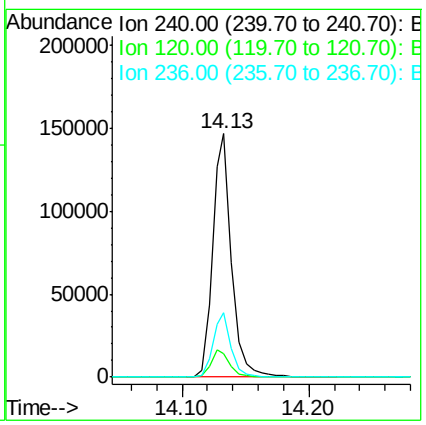


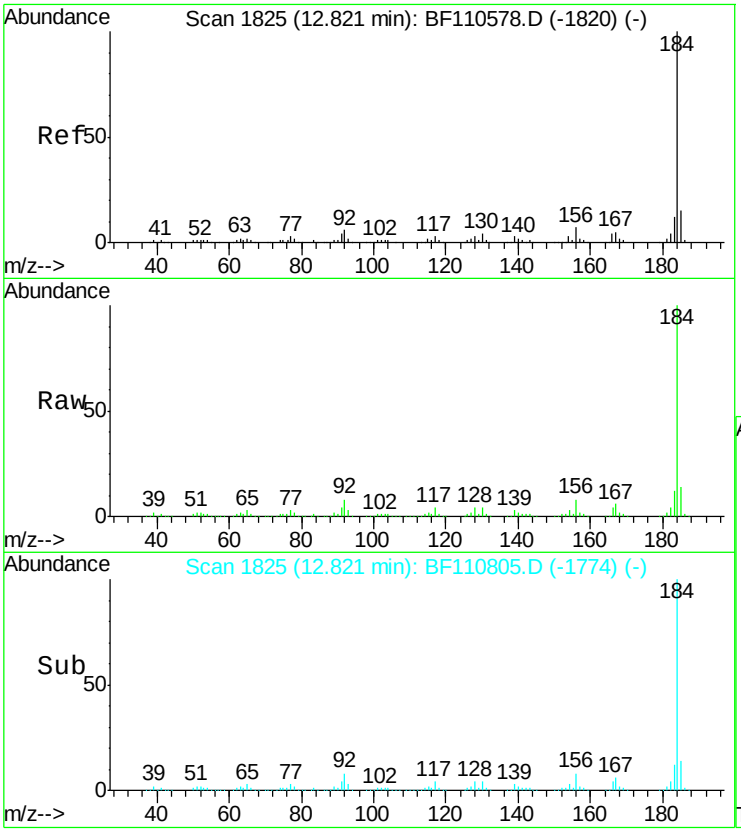


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:240 Resp: 152258

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	26.4	21.2	31.8



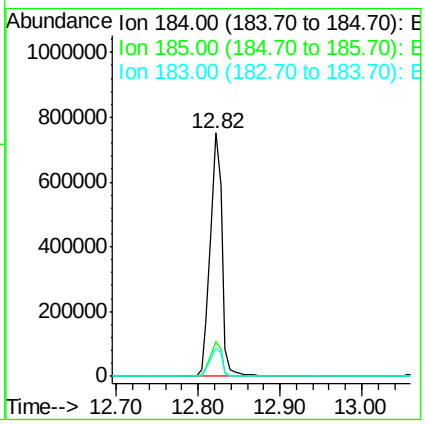


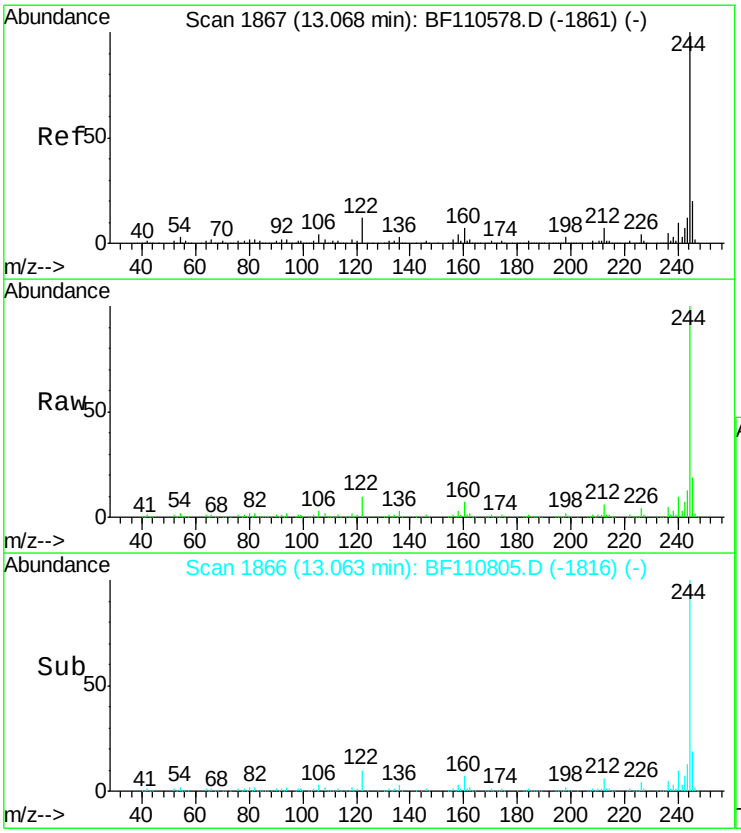
#77
Benzidine
Concen: 179.505 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:184 Resp: 751612

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.4	20.2
183	11.9	9.4	14.2

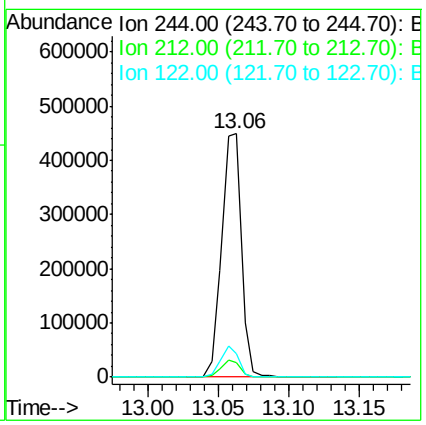


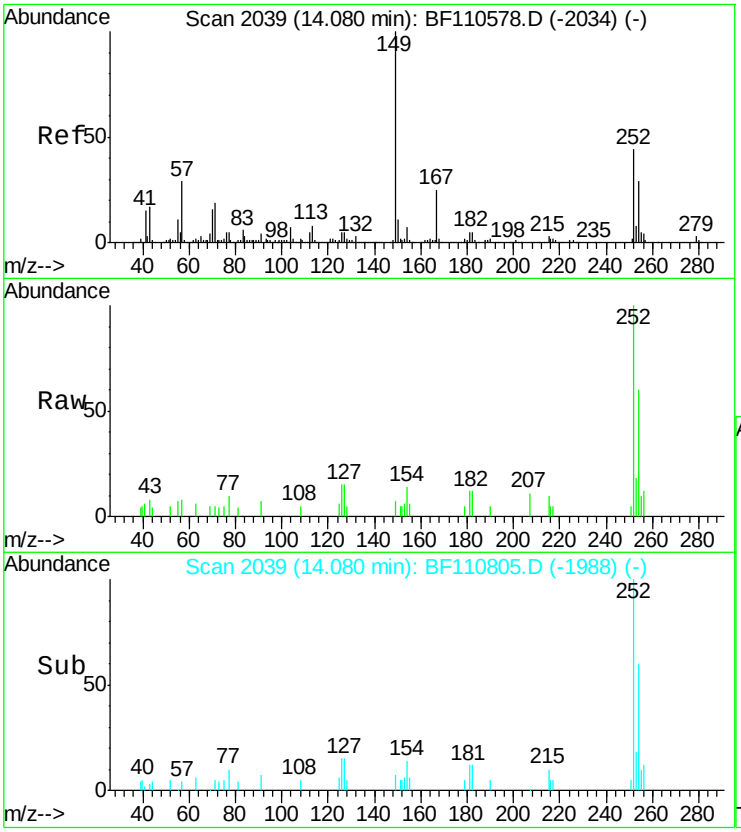


#79
Terphenyl-d14
Concen: 53.834 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:244 Resp: 437674

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.7	8.7	13.1



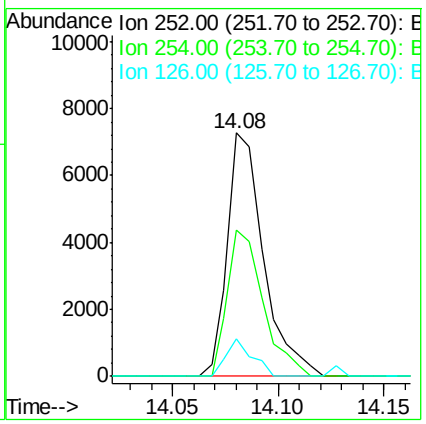


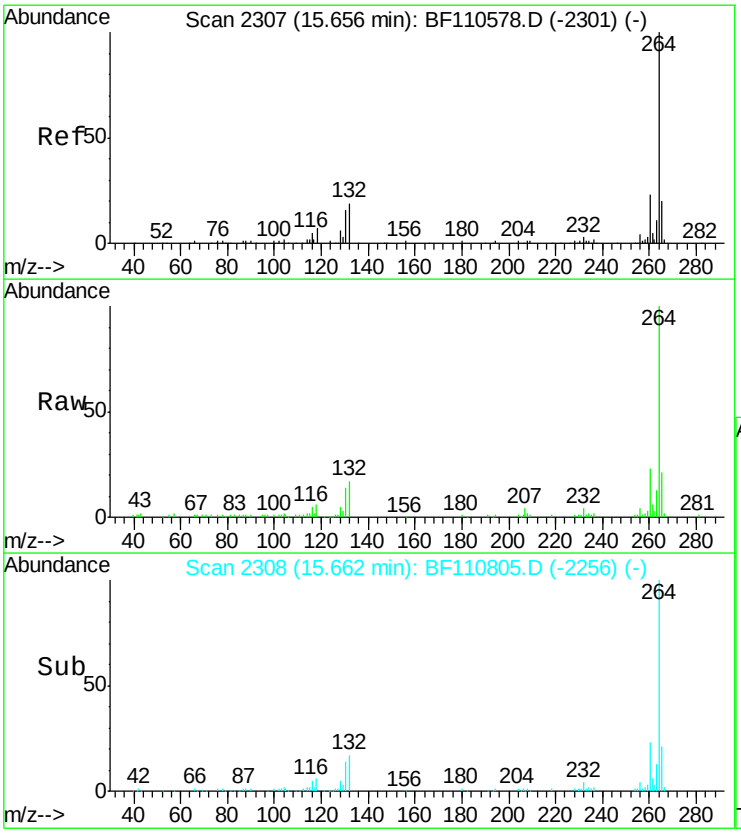
#82
3,3'-Dichlorobenzidine
Concen: 2.833 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:252 Resp: 8636

Ion	Ratio	Lower	Upper
252	100		
254	60.0	51.3	76.9
126	15.2	9.4	14.2#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110805.D
Acq: 15 Nov 2018 22:56

Tgt Ion:264 Resp: 109412

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.5	16.7	25.1