Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105164.D
Acq On : 9 May 2018 00:18
Operator : JU/SJ
Sample : J2133-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2018

Quant Time: May 09 09:28:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	201146	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	804193	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	403137	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	788929	20.00	ng		0.00
75) Chrysene-d12	14.00	240	659538	20.00	ng		-0.02
86) Perylene-d12	15.54	264	595477	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1524462	124.86	ng		0.00
7) Phenol-d6	6.42	99	1824000	125.46	ng		0.00
23) Nitrobenzene-d5	7.36	82	1144106	96.42	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	597065	134.24	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2069932	79.69	ng		0.00
78) Terphenyl-d14	12.91	244	2230021	78.54	ng		0.00
Target Compounds							Qvalue
40) Hexachlorocyclopentadiene	8.93	237	55187	7.956	ng		98
53) 2,4-Dinitrophenol	9.87	184	11872	16.500	ng	#	24
69) Pentachlorophenol	11.11	266	45770	10.900	ng		94

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

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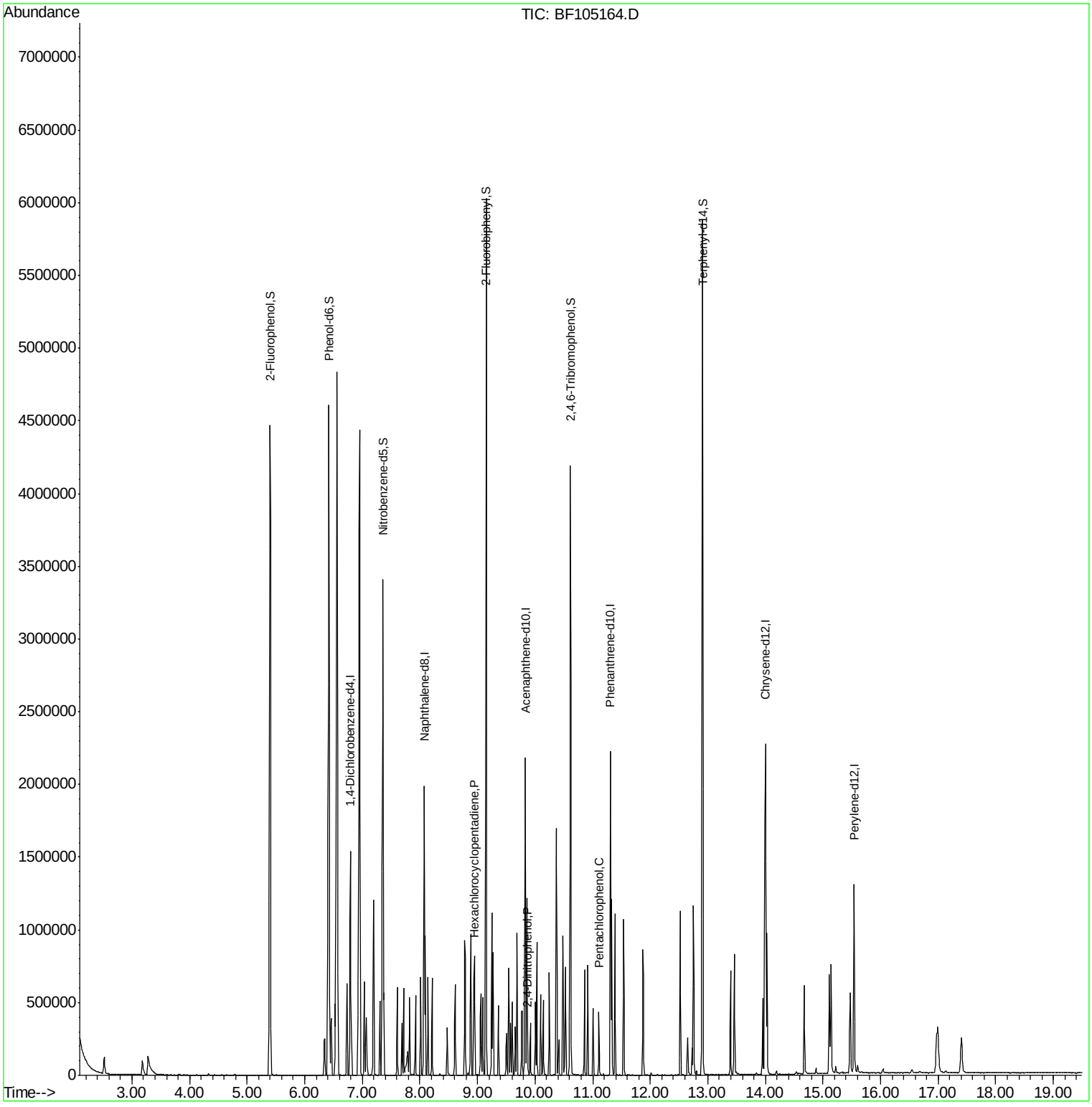
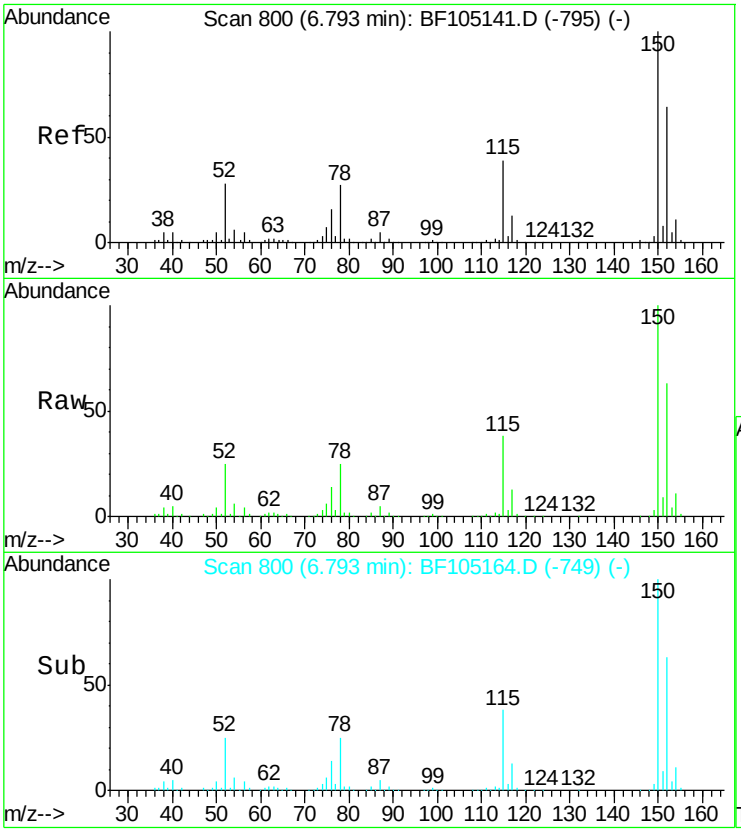


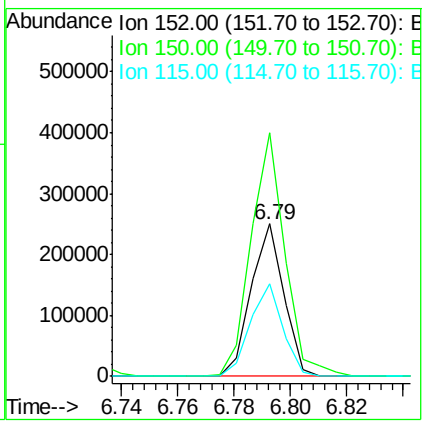


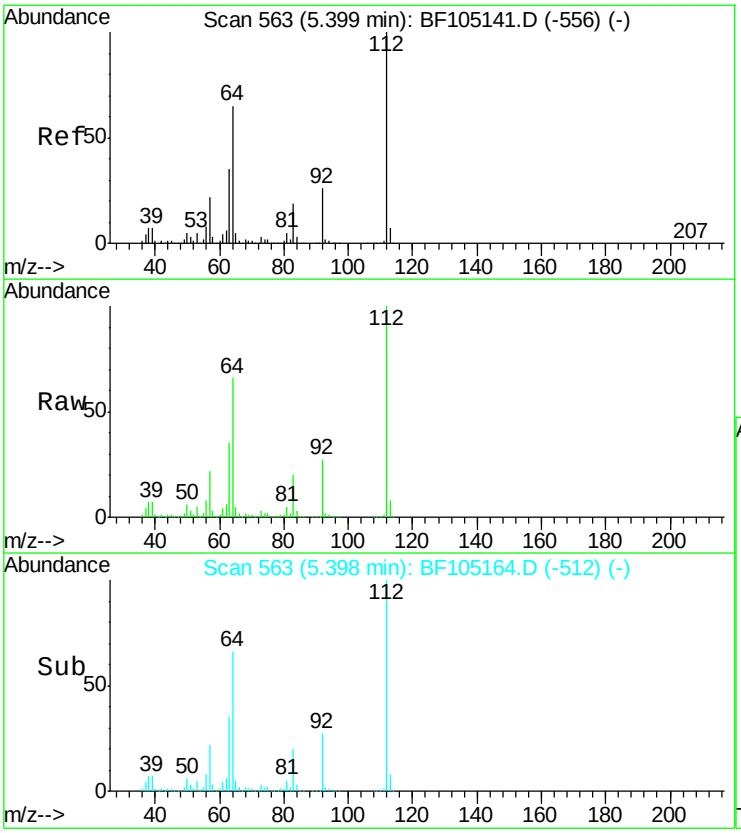
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:152 Resp: 201146

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	60.6	50.1	75.1

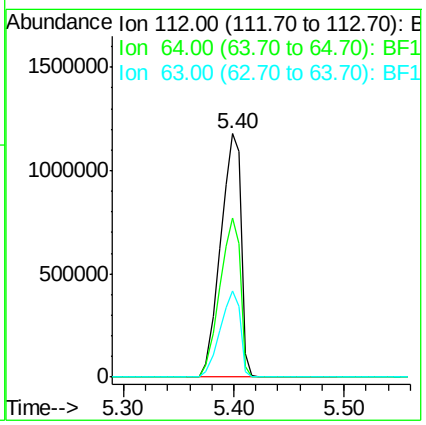


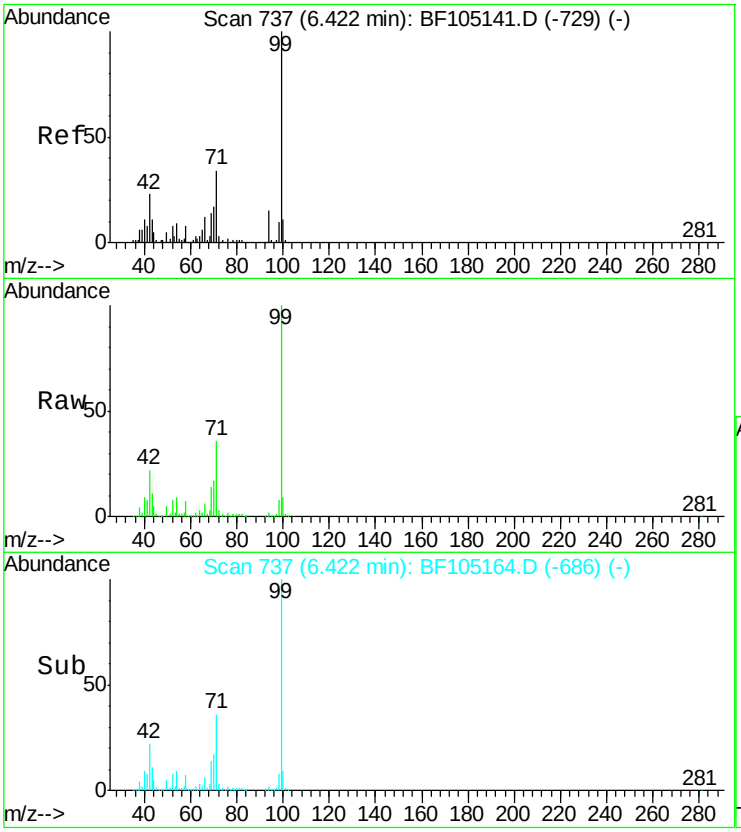


#5
2-Fluorophenol
Concen: 124.857 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:112 Resp: 1524462

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	35.2	23.7	35.5



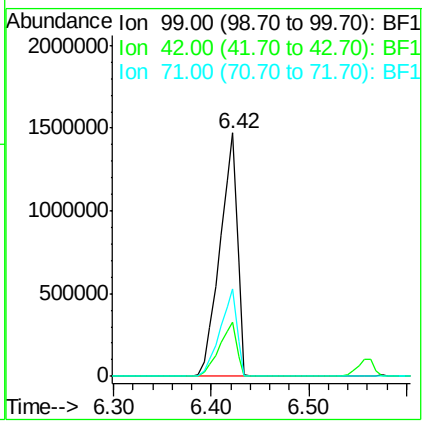


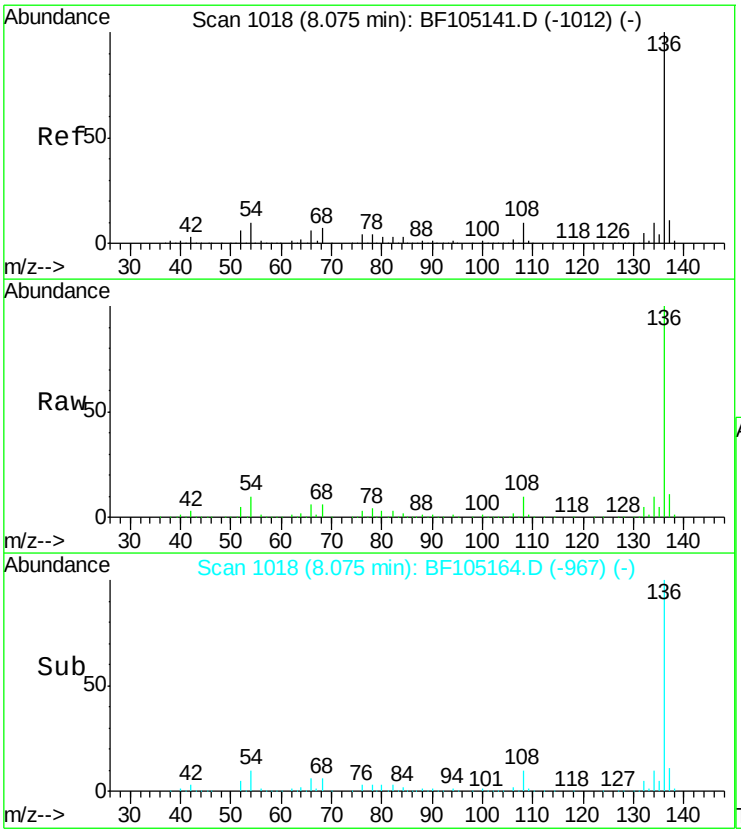
#7
Phenol-d6
Concen: 125.464 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 99 Resp: 1824000

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.2	25.4	38.0

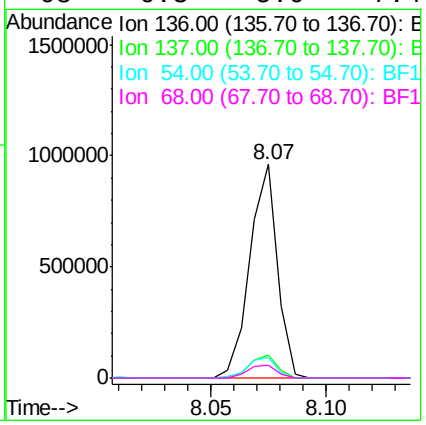


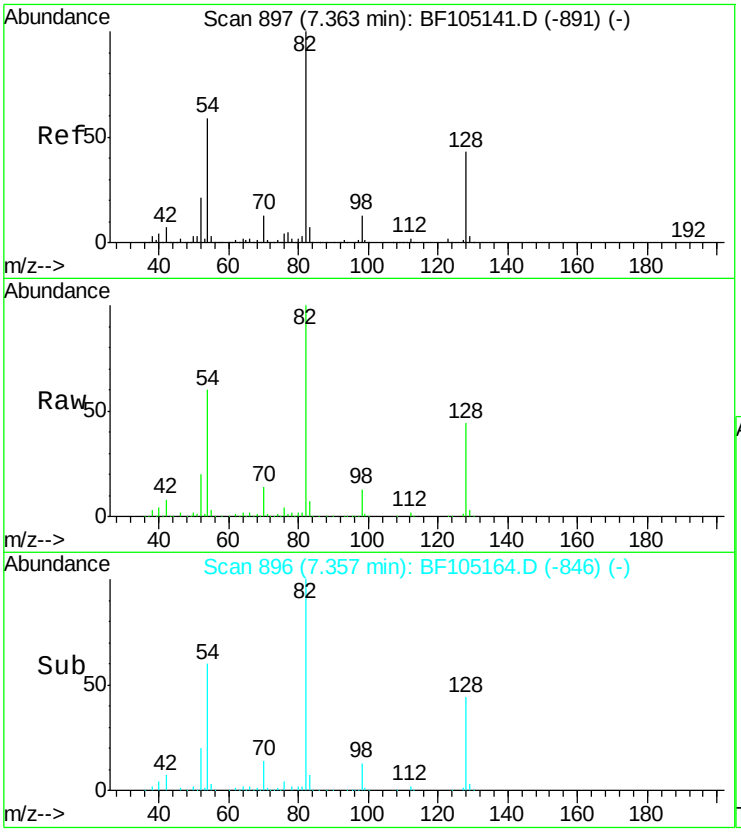


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:136 Resp: 804193

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	6.3	5.0	7.4



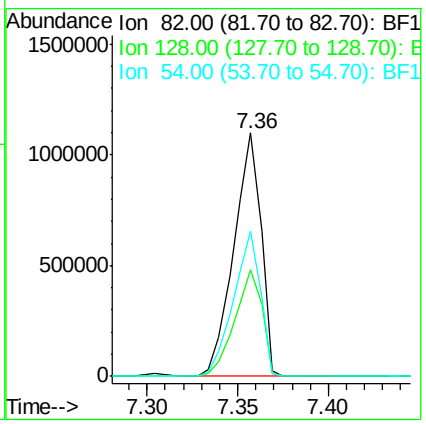


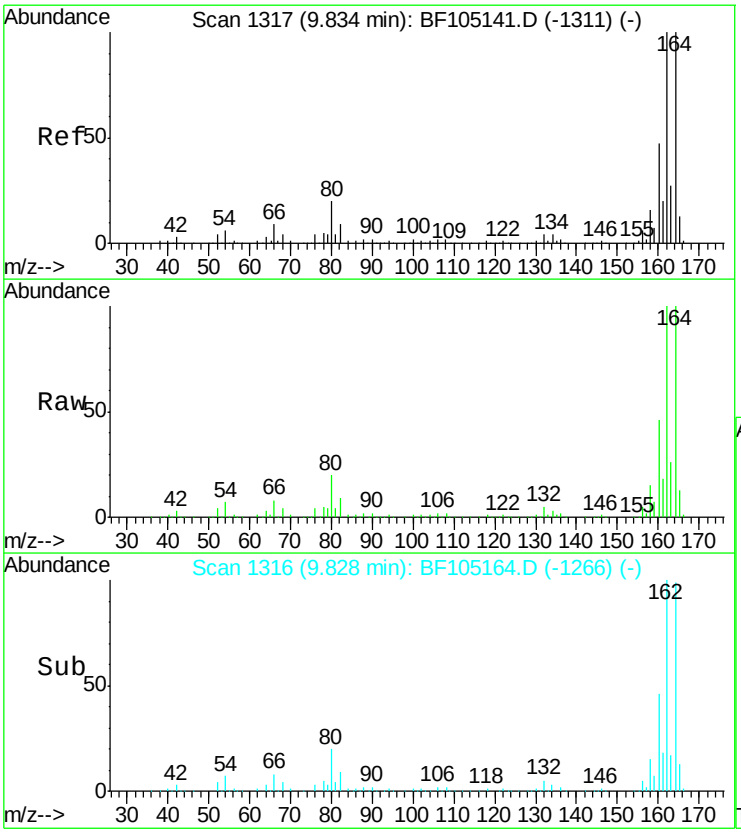
#23
Nitrobenzene-d5
Concen: 96.420 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 82 Resp: 1144106

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	59.7	41.4	62.2

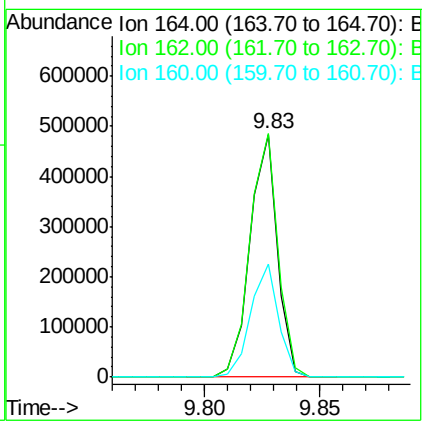


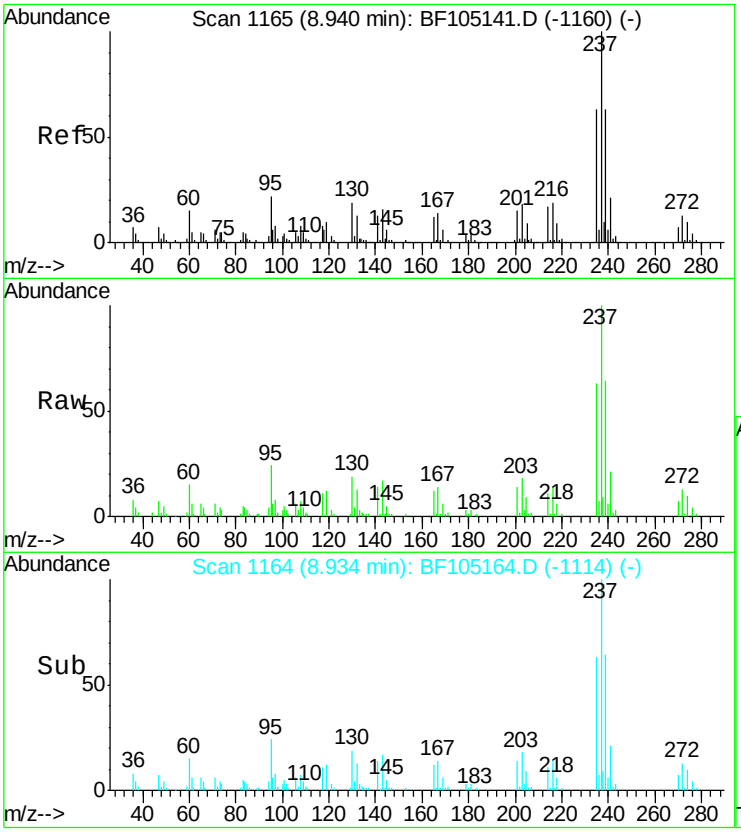


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:164 Resp: 403137

Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	46.4	38.3	57.5



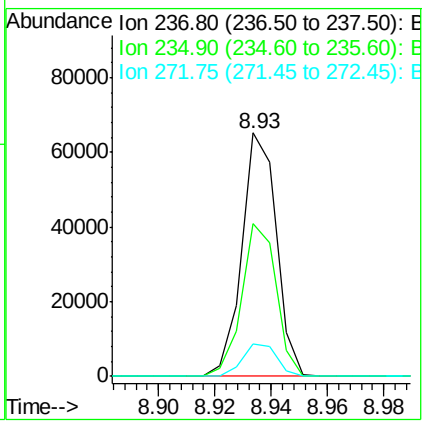


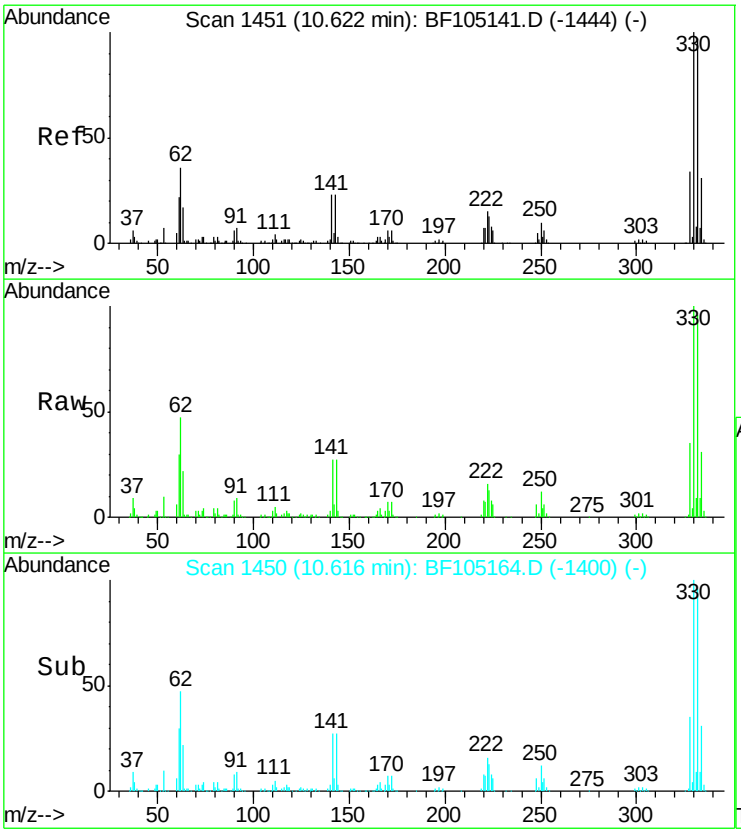
#40
Hexachlorocyclopentadiene
Concen: 7.956 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:237 Resp: 55187

Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	13.3	0.0	33.3

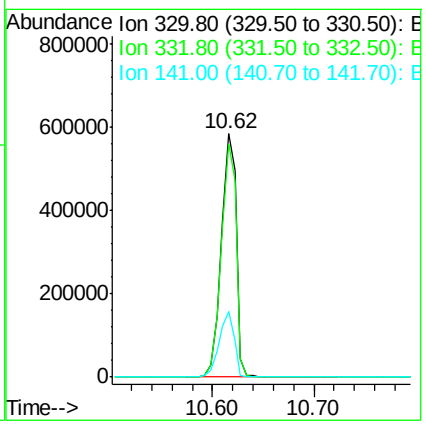


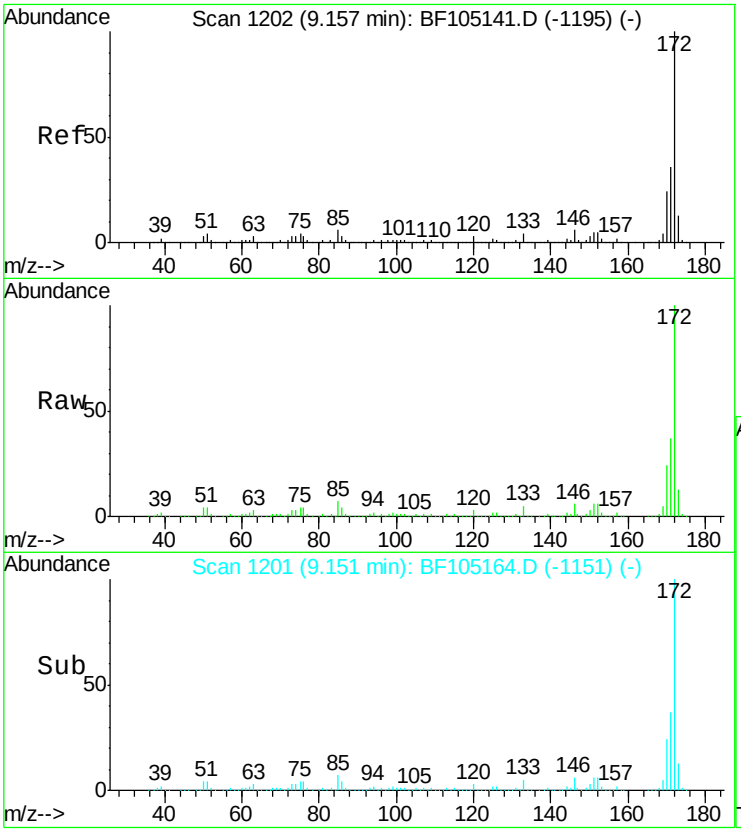


#41
2,4,6-Tribromophenol
Concen: 134.241 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:330 Resp: 597065

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.1	29.9	44.9#



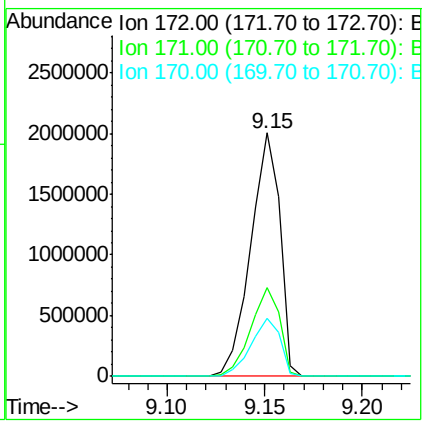


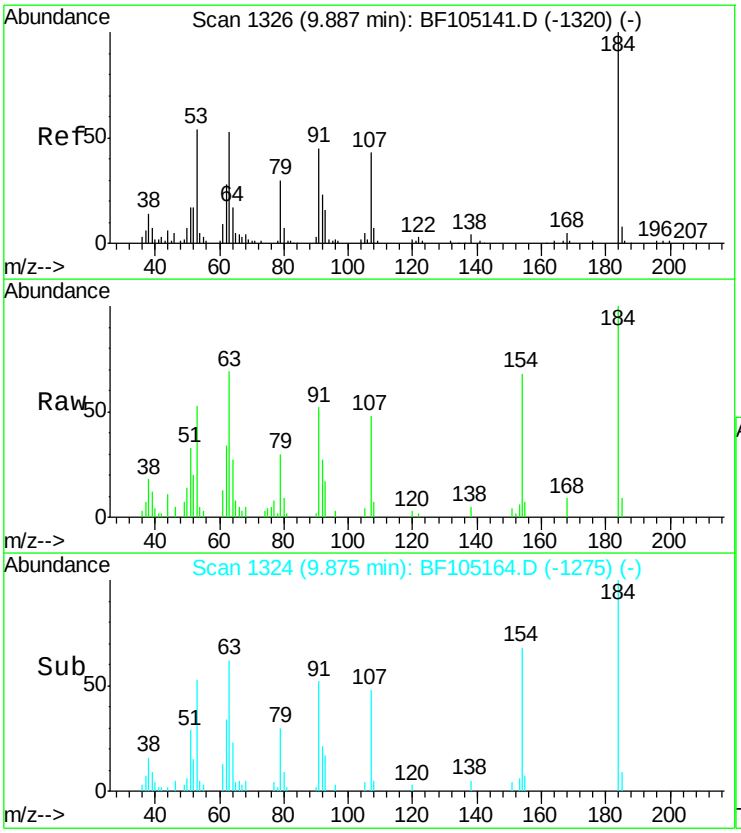
#44
2-Fluorobiphenyl
Concen: 79.694 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:172 Resp: 2069932

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	19.6	29.4

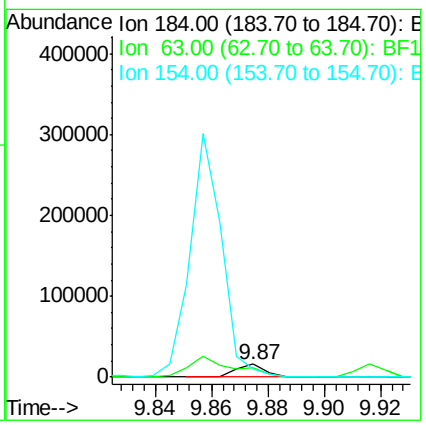


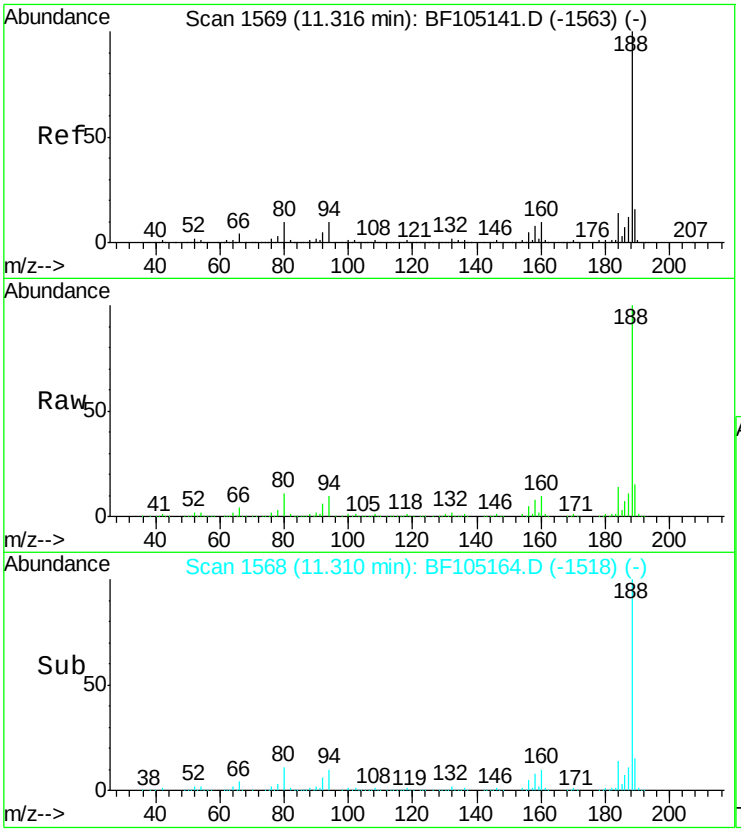


#53
2,4-Dinitrophenol
Concen: 16.500 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:184 Resp: 11872

Ion	Ratio	Lower	Upper
184	100		
63	69.3	54.2	81.2
154	67.5	184.0	276.0#



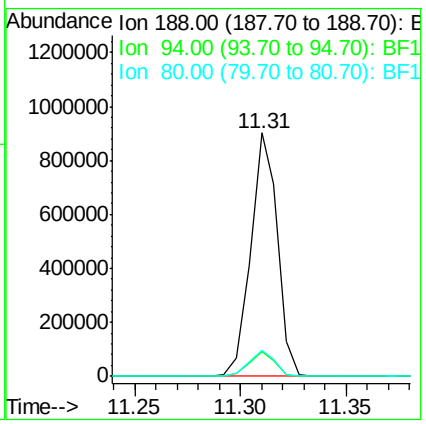


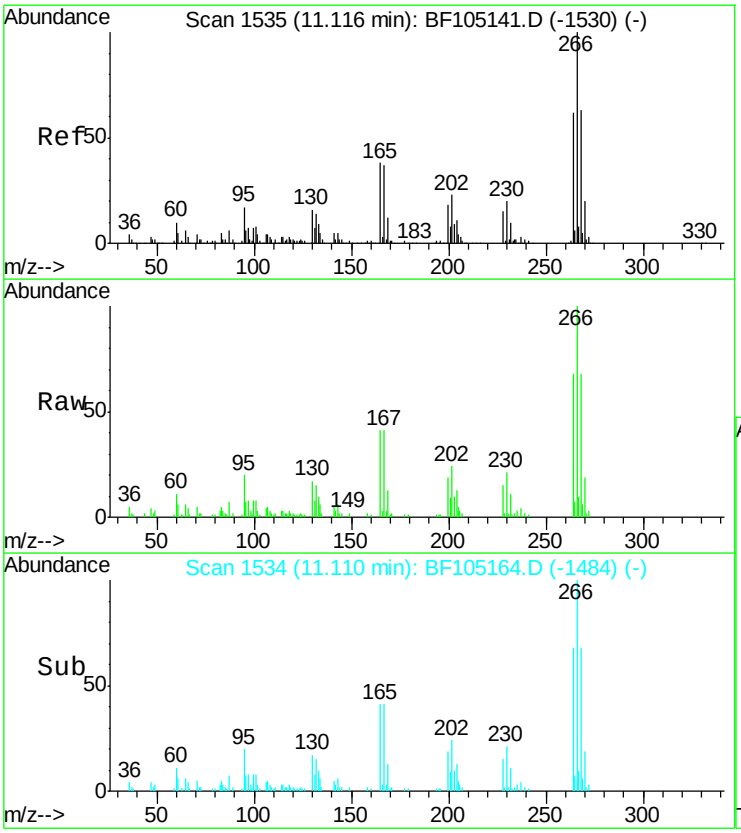
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:188 Resp: 788929

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

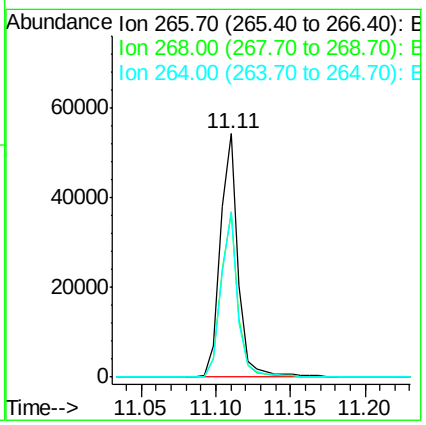


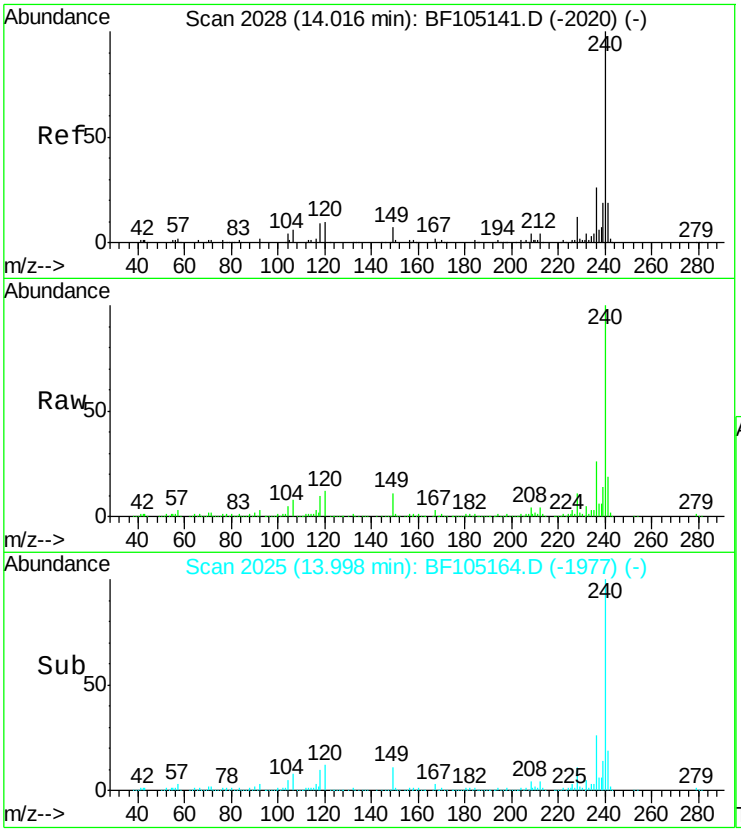


#69
Pentachlorophenol
Concen: 10.900 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:266 Resp: 45770

Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	67.8	49.5	74.3



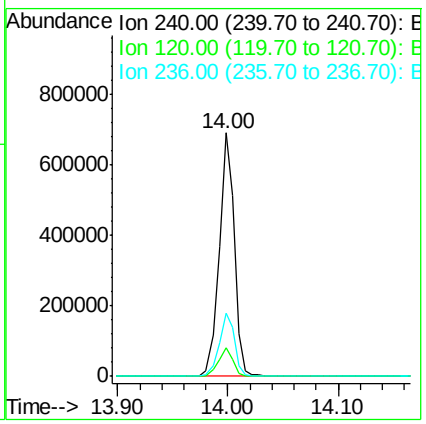


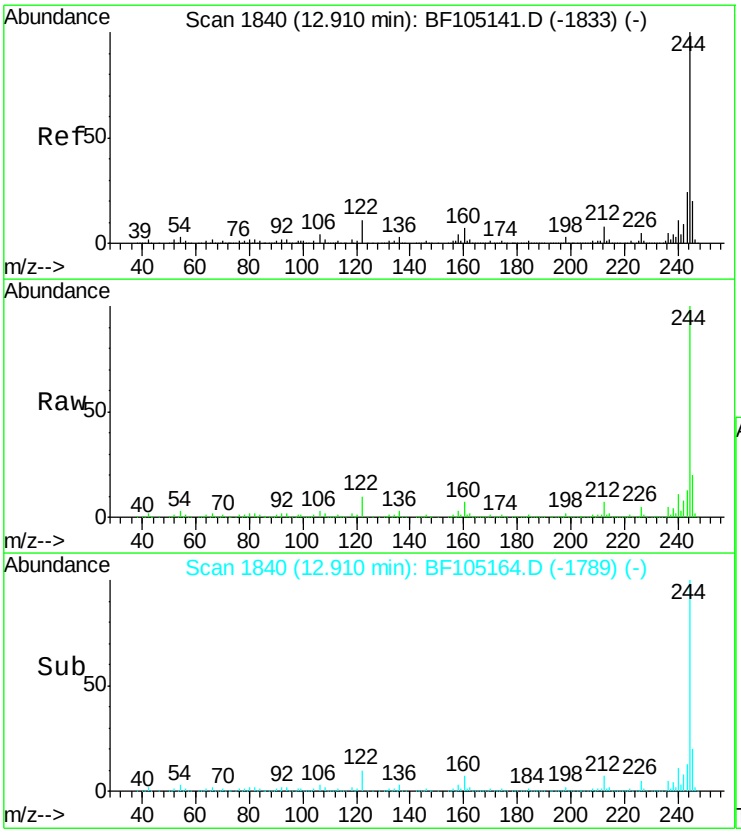
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:240 Resp: 659538

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1

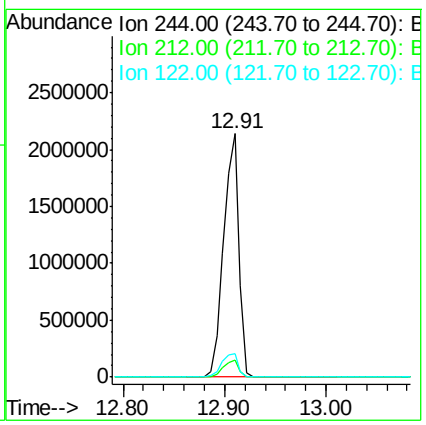


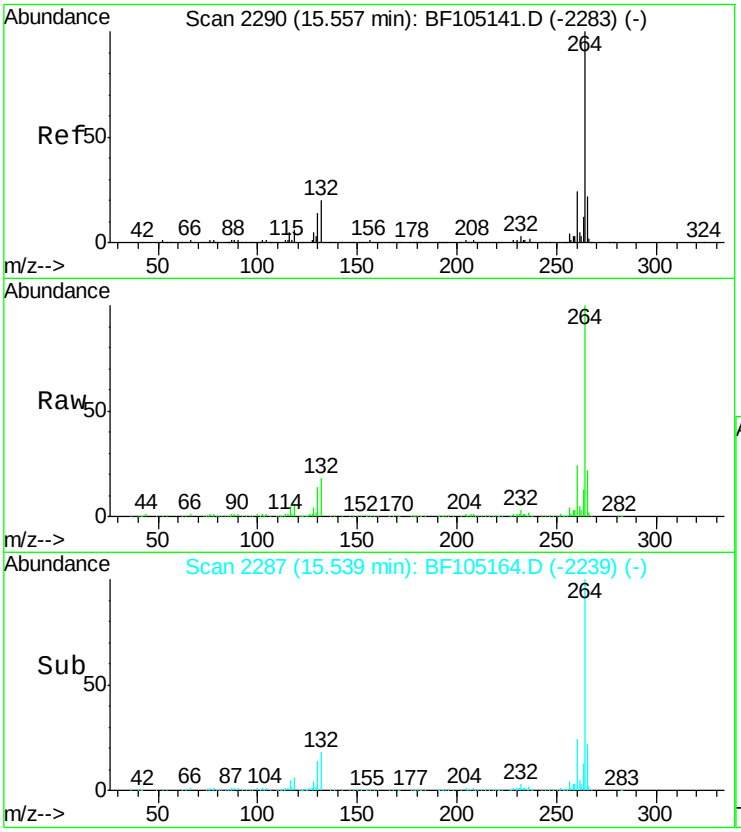


#78
Terphenyl-d14
Concen: 78.540 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Tgt Ion:244 Resp: 2230021

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF105164.D
Acq: 9 May 2018 00:18

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:264 Resp: 595477

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3