Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102365.D
Acq On : 24 Jan 2018 1:48
Operator : SJ/JU
Sample : J1235-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Time: Jan 24 12:45:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	116577	20.00	ng		0.01
21) Naphthalene-d8	8.01	136	387949	20.00	ng		0.01
38) Acenaphthene-d10	9.75	164	215994	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	322204	20.00	ng		0.00
75) Chrysene-d12	13.87	240	261162	20.00	ng		0.00
86) Perylene-d12	15.30	264	212686	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	67779	8.82	ng		0.10
7) Phenol-d6	6.38	99	367951	39.70	ng		0.02
23) Nitrobenzene-d5	7.30	82	646187	95.72	ng		0.01
41) 2,4,6-Tribromophenol	10.55	330	208103	97.24	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1091626	74.31	ng		0.00
78) Terphenyl-d14	12.83	244	936194	80.81	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.39	94	33699	3.330	ng		72
14) 1,2-Dichlorobenzene	6.90	146	106398	12.115	ng	#	93
17) 2-Methylphenol	7.00	107	340483	48.643	ng	#	83
20) 3+4-Methylphenols	7.16	107	543347	66.002	ng		92
27) 2,4-Dimethylphenol	7.69	122	217292	41.156	ng		98
31) Naphthalene	8.04	128	2723776	140.620	ng		98
37) 2-Methylnaphthalene	8.72	142	310302	24.055	ng		98
49) Dimethylphthalate	9.47	163	57227	3.205	ng	#	93
59) Diethylphthalate	10.17	149	271226	15.634	ng		100
69) Pentachlorophenol	11.05	266	36771	18.045	ng		96
73) Di-n-butylphthalate	11.81	149	1508990	64.571	ng		99

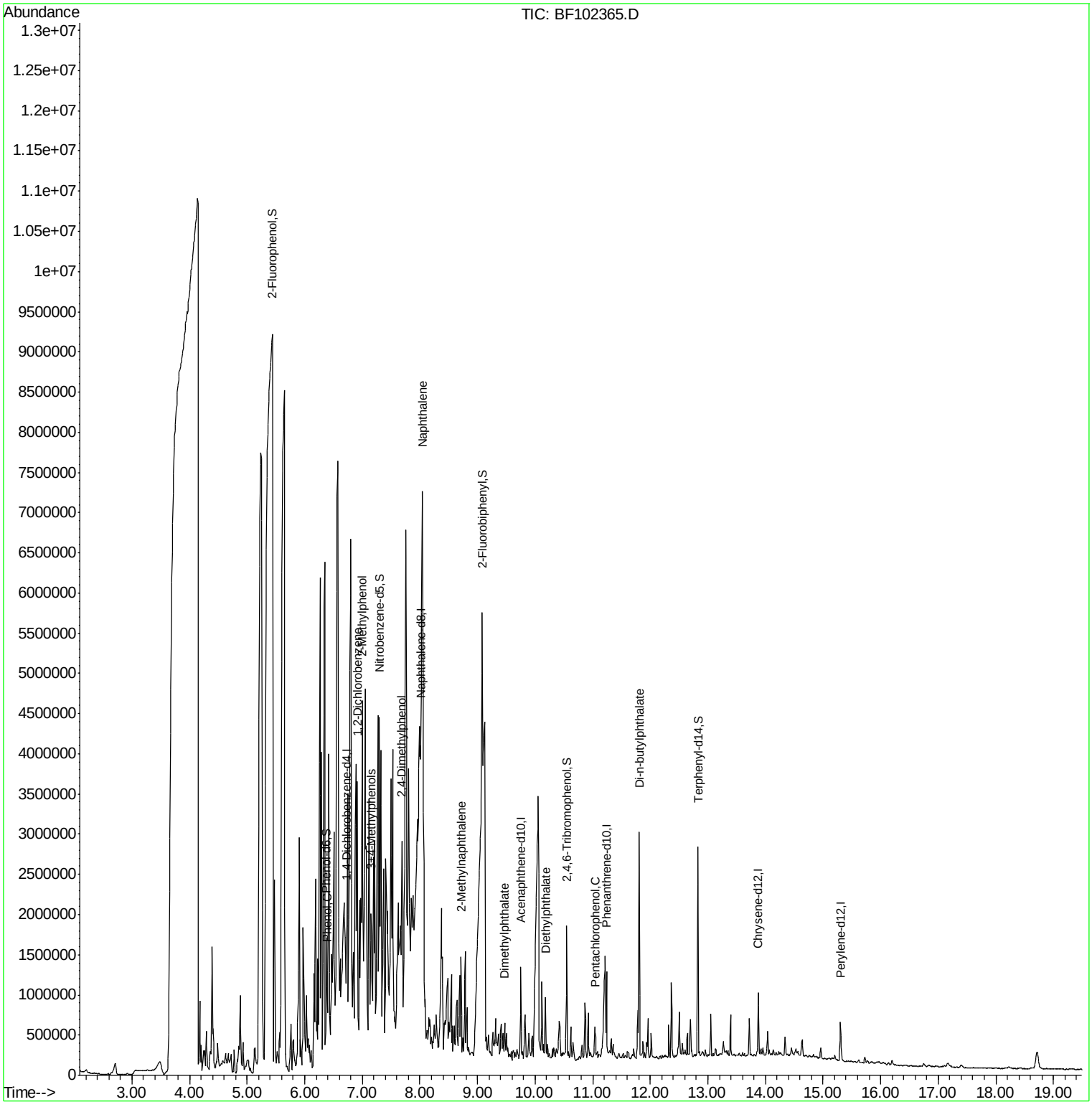
(#) = qualifier out of range (m) = manual integration (+) = signals summed

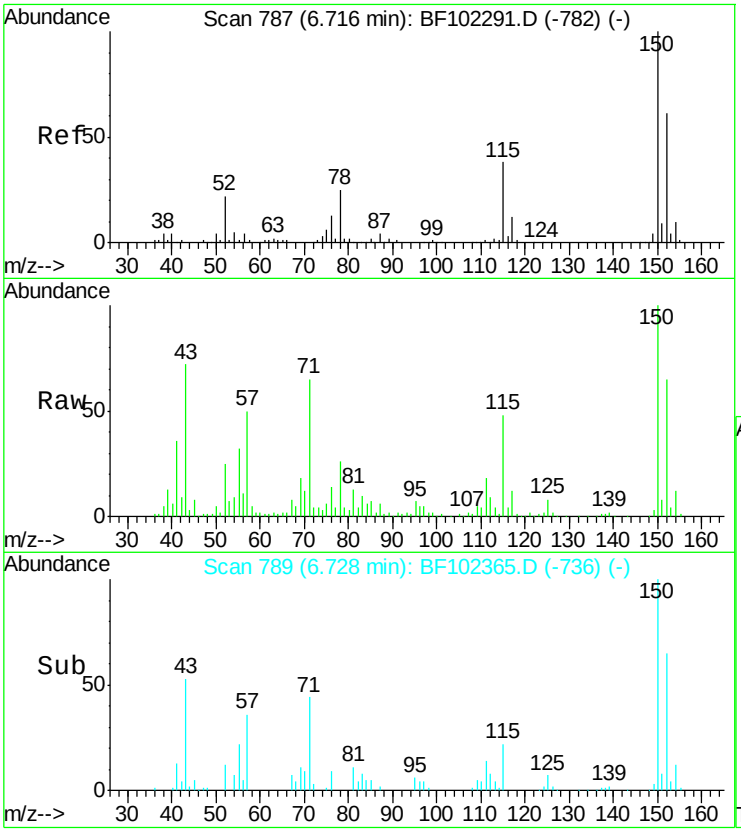
Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102365.D
Acq On : 24 Jan 2018 1:48
Operator : SJ/JU
Sample : J1235-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-3

Quant Time: Jan 24 12:45:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration



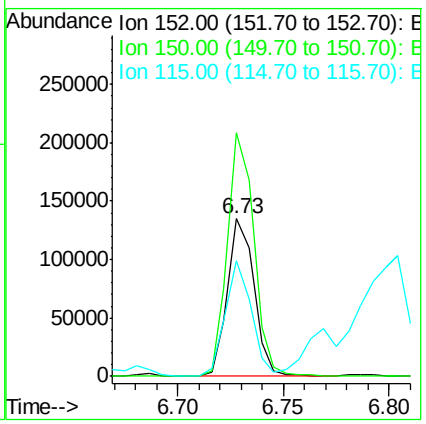


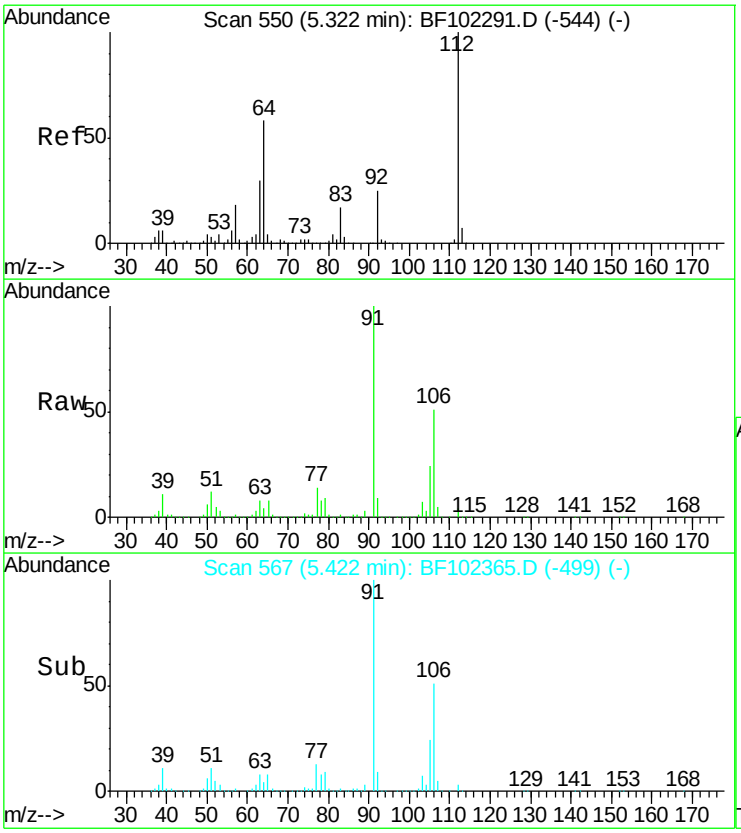
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:152 Resp: 116577

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	73.5	50.1	75.1

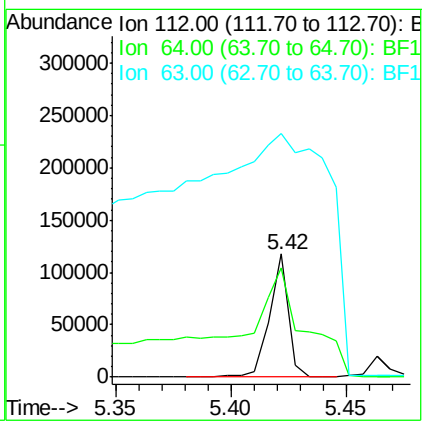


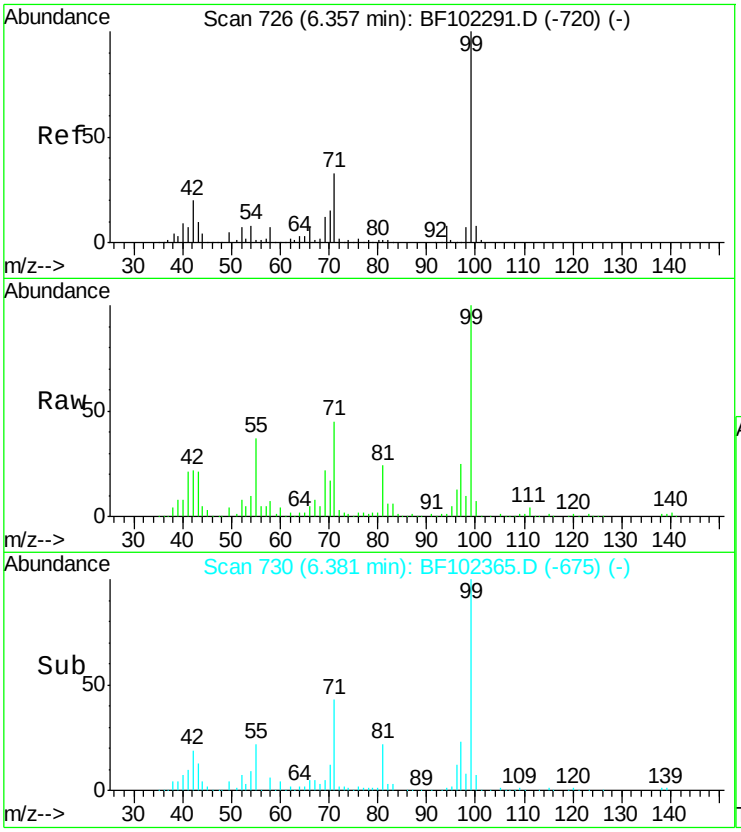


#5
2-Fluorophenol
Concen: 8.816 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.10 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:112 Resp: 67779

Ion	Ratio	Lower	Upper
112	100		
64	89.0	47.9	71.9#
63	197.9	23.7	35.5#



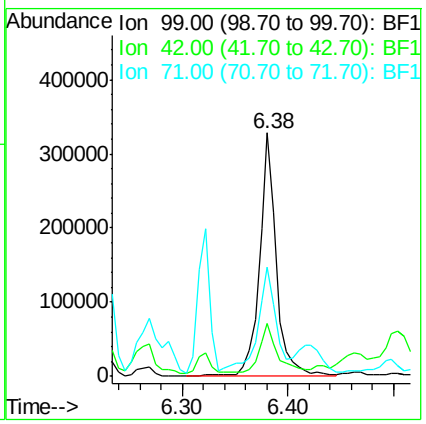


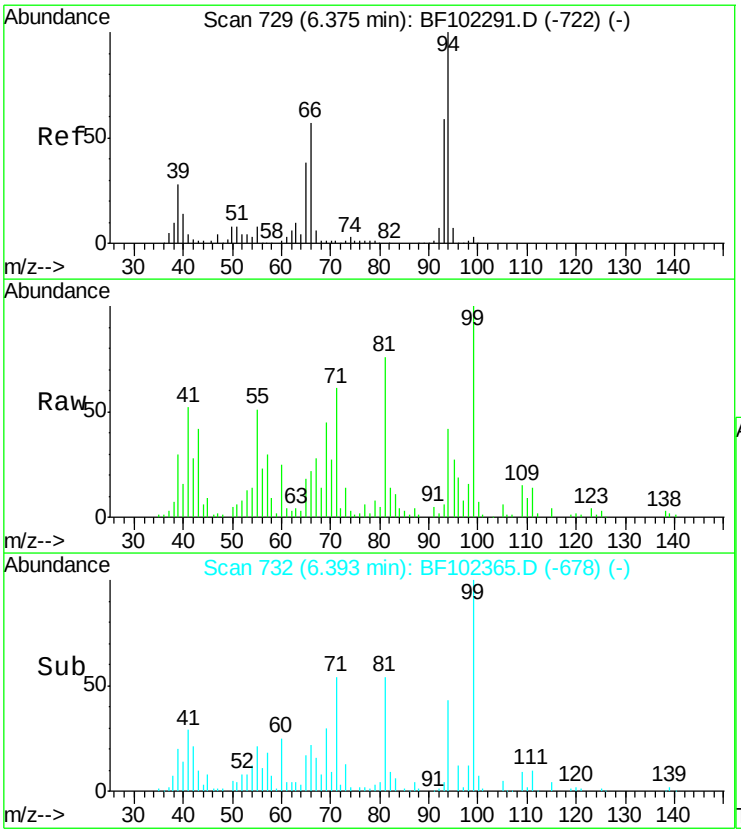
#7
Phenol-d6
Concen: 39.696 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion: 99 Resp: 367951

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	45.0	25.4	38.0#

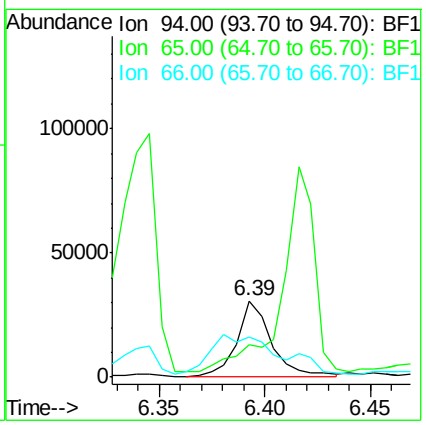


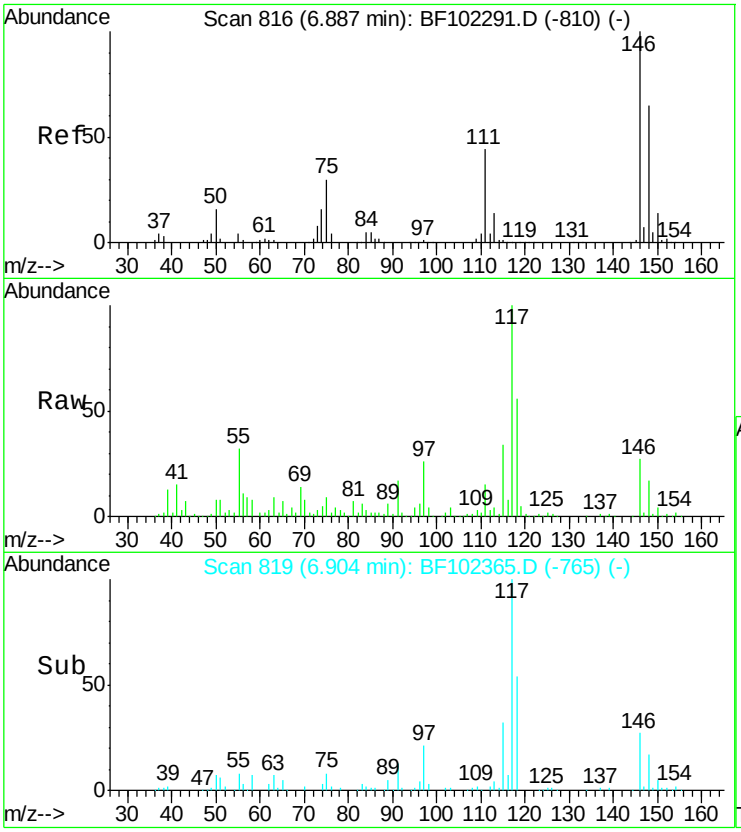


#10
Phenol
Concen: 3.330 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion: 94 Resp: 33699

Ion	Ratio	Lower	Upper
94	100		
65	43.3	7.9	47.9
66	52.4	16.2	56.2



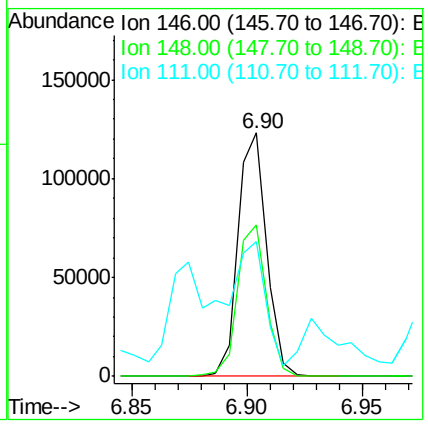


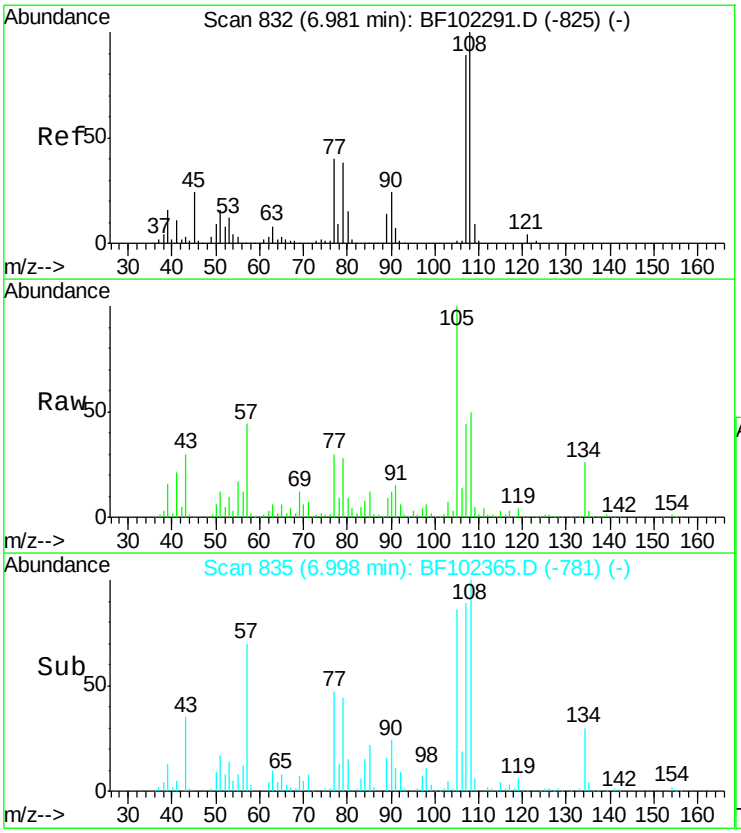
#14
1,2-Dichlorobenzene
Concen: 12.115 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:146 Resp: 106398

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	75.8
111	55.6	36.0	54.0#

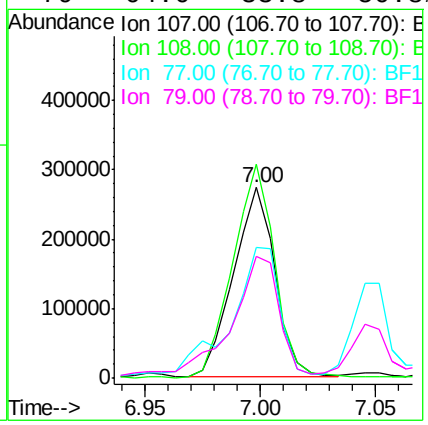


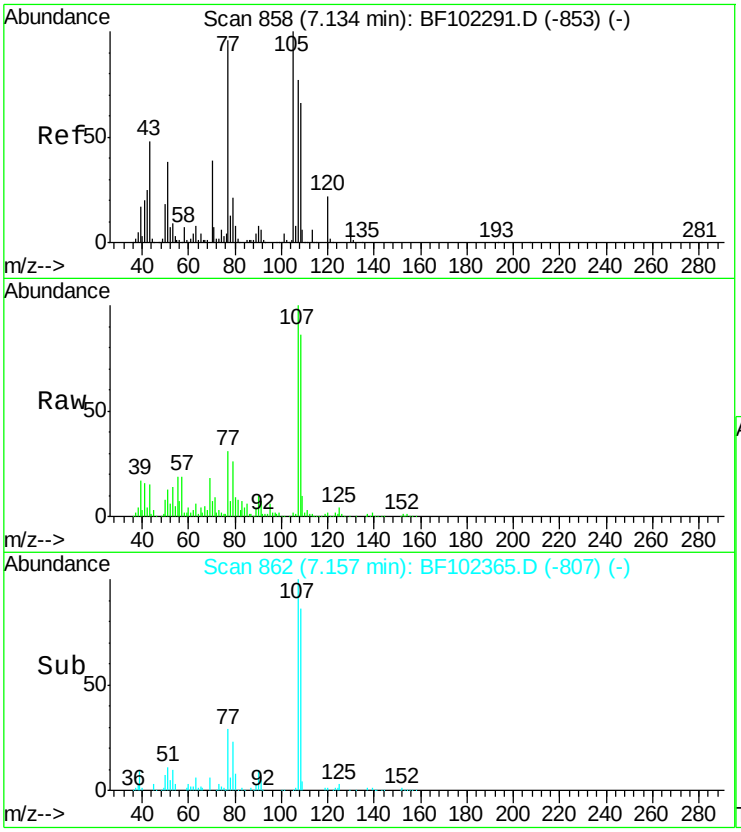


#17
2-Methylphenol
Concen: 48.643 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:107 Resp: 340483

Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.7	137.5
77	68.4	33.8	50.8#
79	64.0	33.8	50.8#



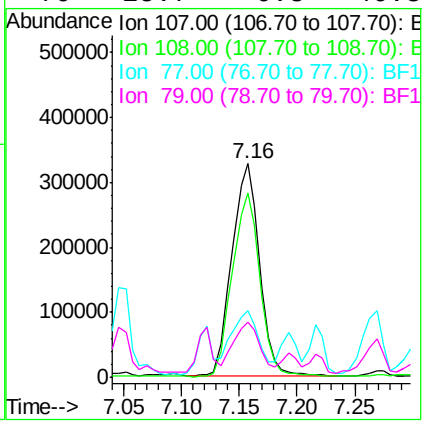


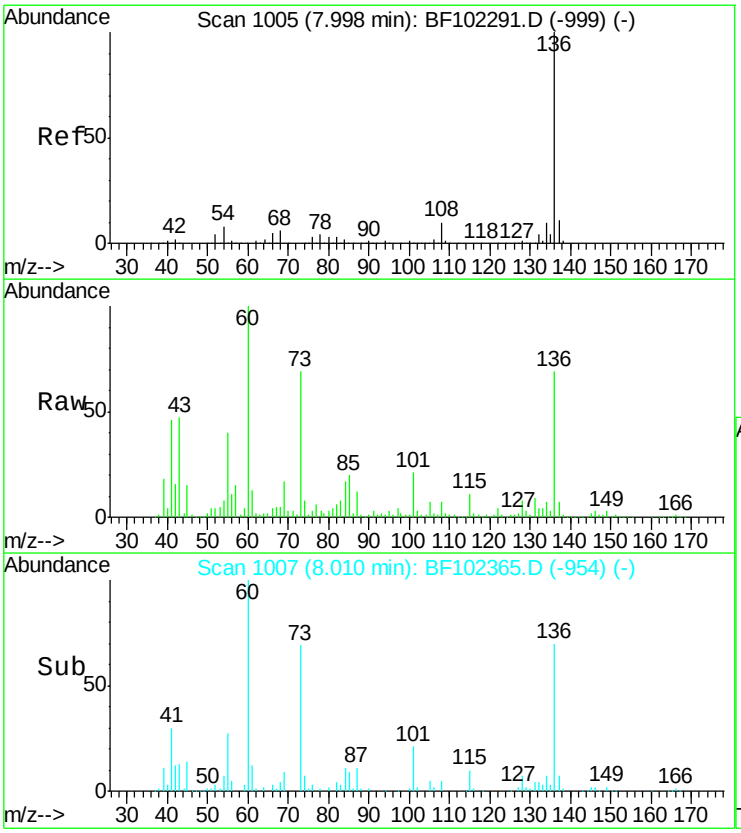
#20
3+4-Methylphenols
Concen: 66.002 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:107 Resp: 543347

Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.2	108.2
77	31.1	26.7	66.7
79	25.7	6.3	46.3

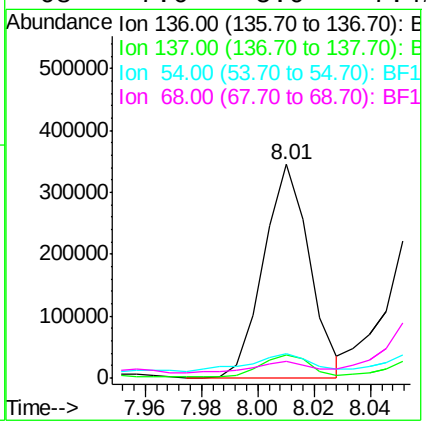


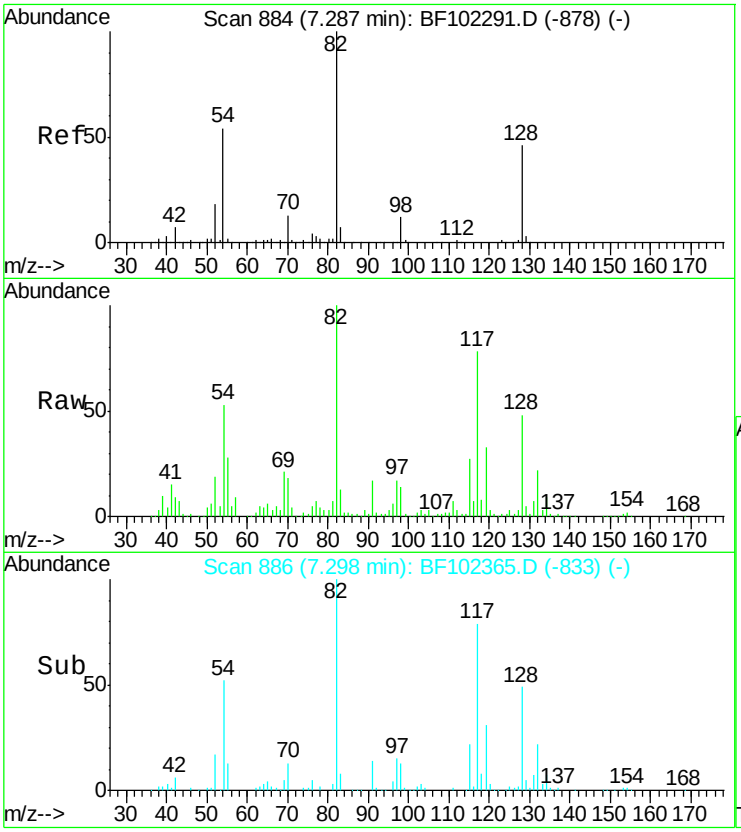


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:136 Resp: 387949

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.3	6.6	9.8#
68	7.6	5.0	7.4#



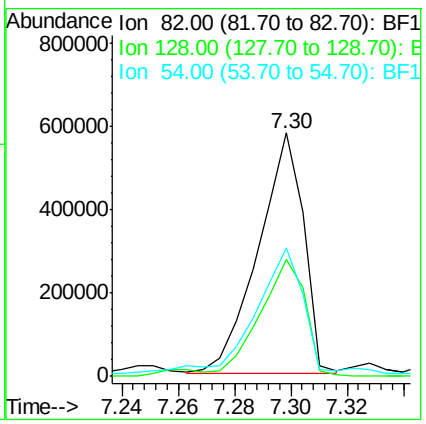


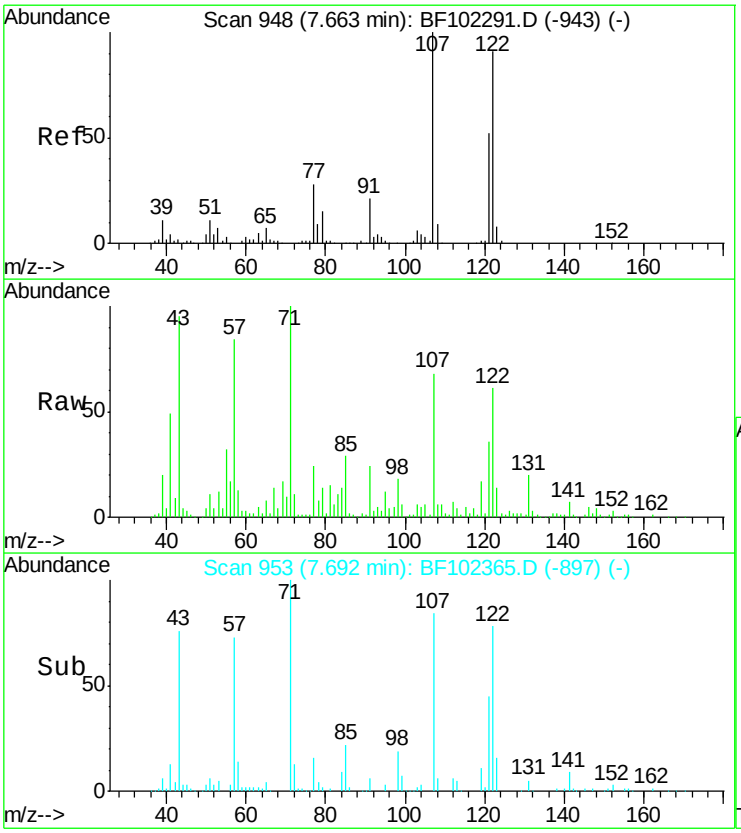
#23
Nitrobenzene-d5
Concen: 95.720 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion: 82 Resp: 646187

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	53.0	41.4	62.2

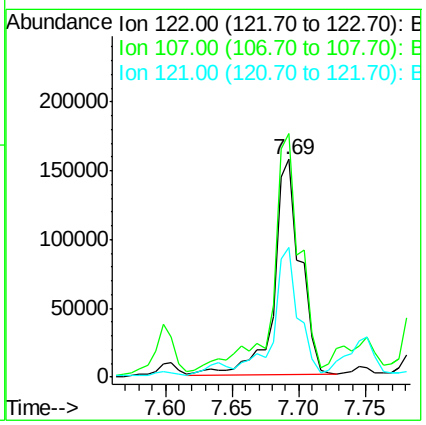


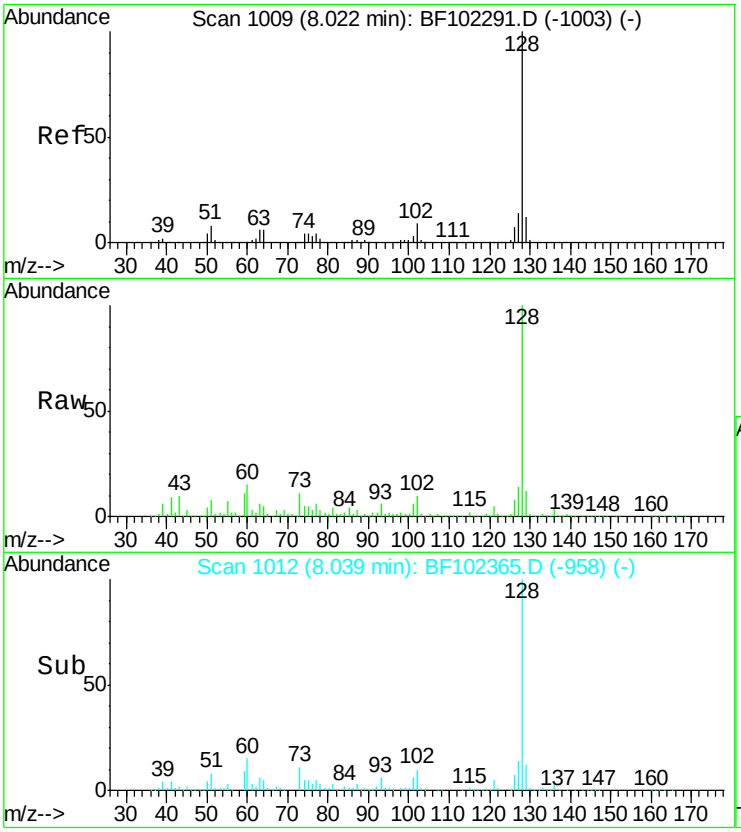


#27
2,4-Dimethylphenol
Concen: 41.156 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.03 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:122 Resp: 217292

Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	59.6	47.2	70.8



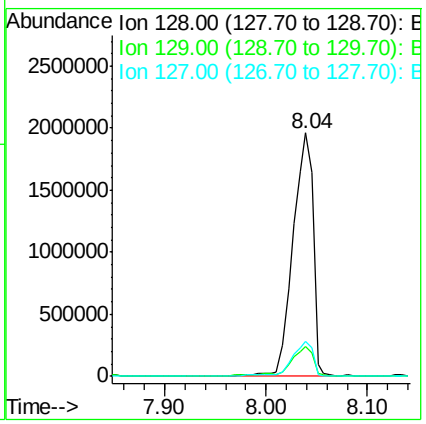


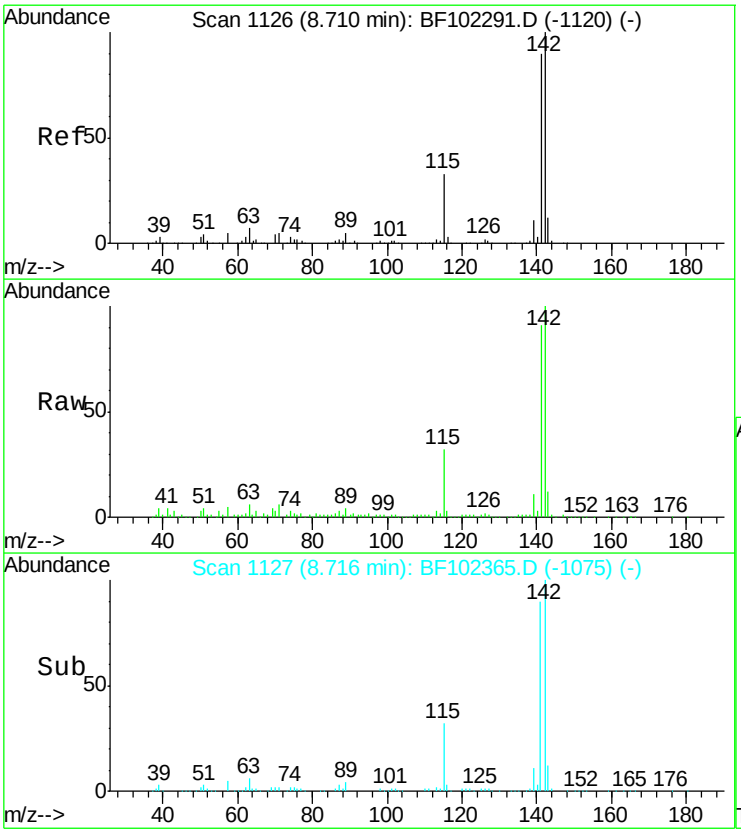
#31
Naphthalene
Concen: 140.620 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:128 Resp: 2723776

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	14.2	10.9	16.3

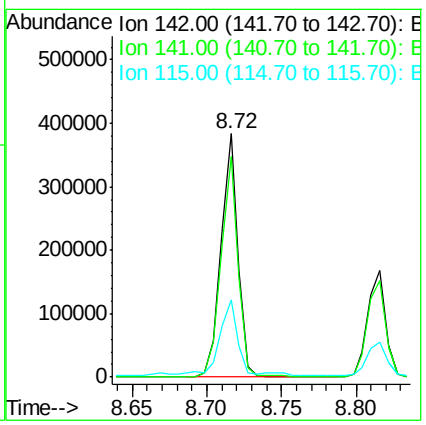


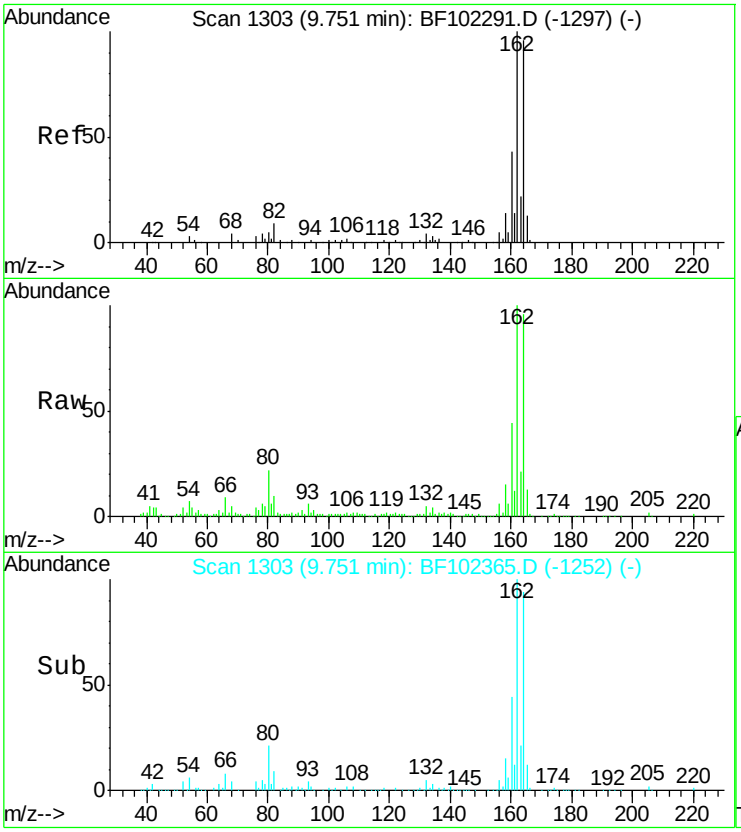


#37
2-Methylnaphthalene
Concen: 24.055 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:142 Resp: 310302

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	31.9	26.1	39.1



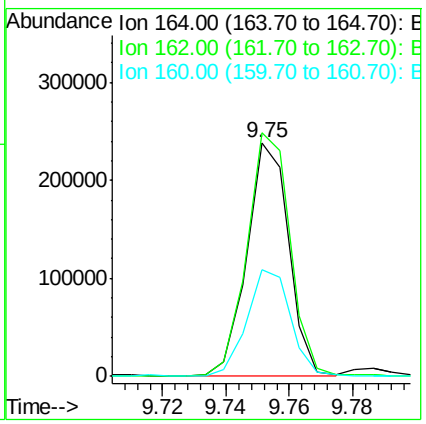


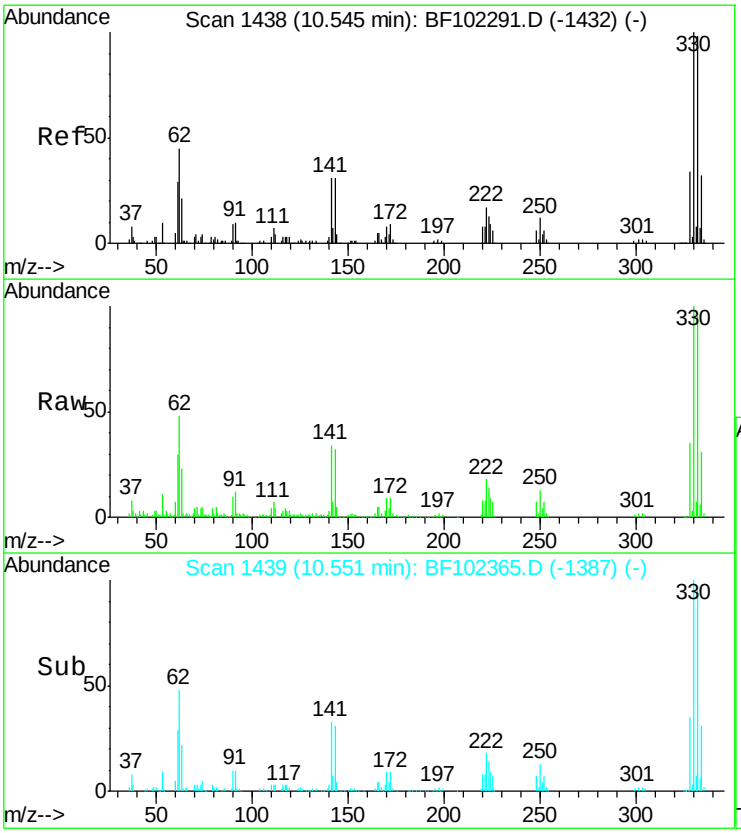
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:164 Resp: 215994

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.9	38.3	57.5

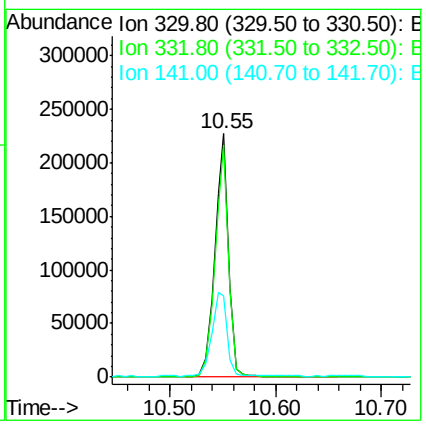


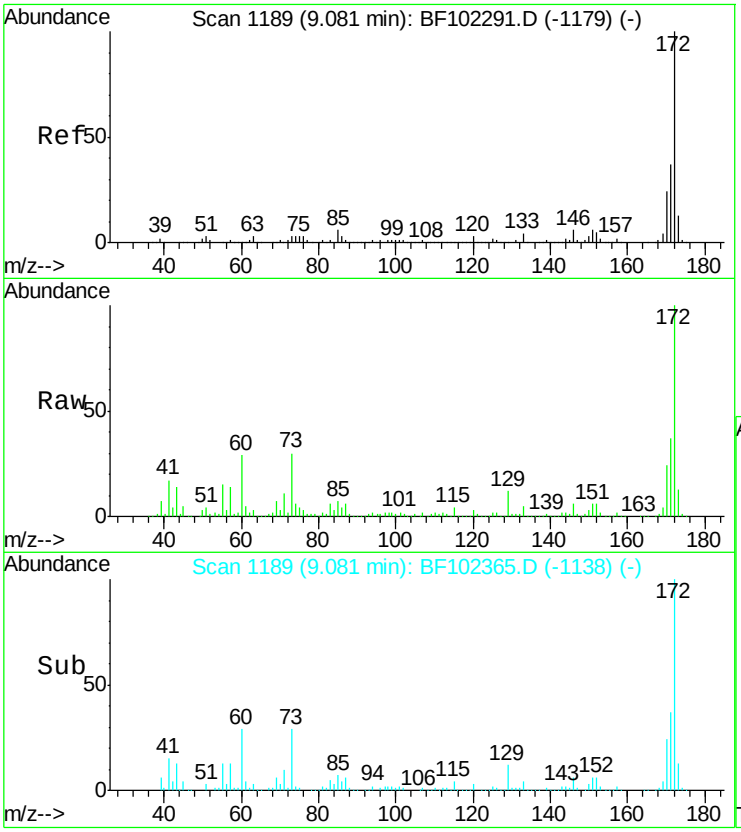


#41
2,4,6-Tribromophenol
Concen: 97.236 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:330 Resp: 208103

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	38.8	29.9	44.9



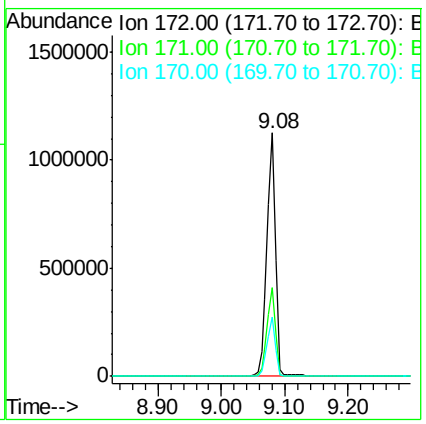


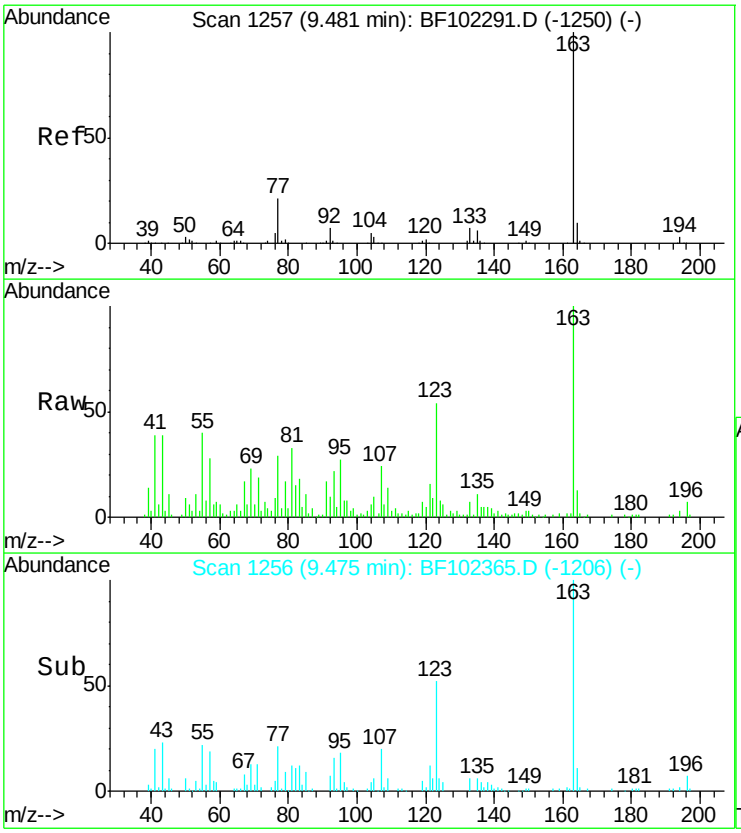
#44
2-Fluorobiphenyl
Concen: 74.311 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:172 Resp: 1091626

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

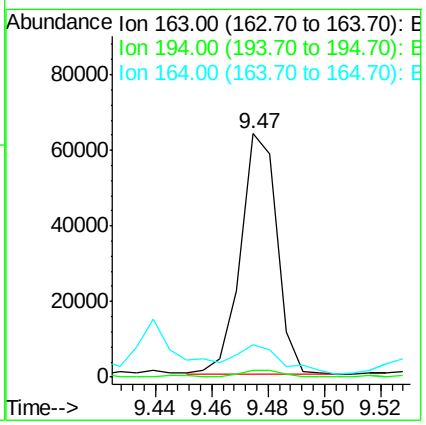


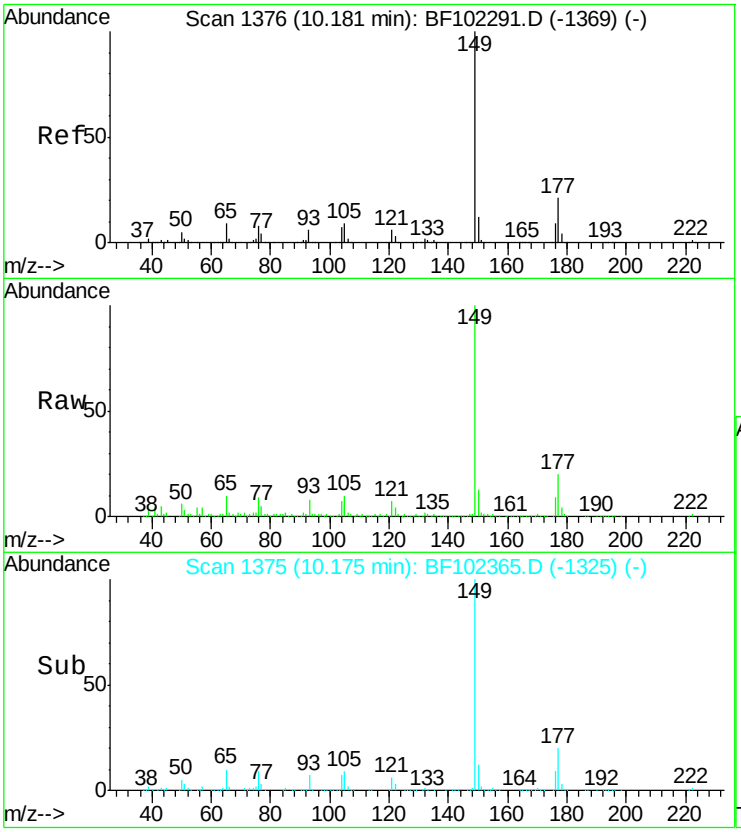


#49
Dimethylphthalate
Concen: 3.205 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:163 Resp: 57227

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.7	4.1
164	13.4	8.2	12.2#



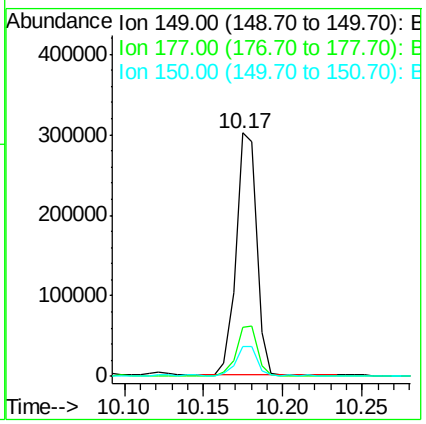


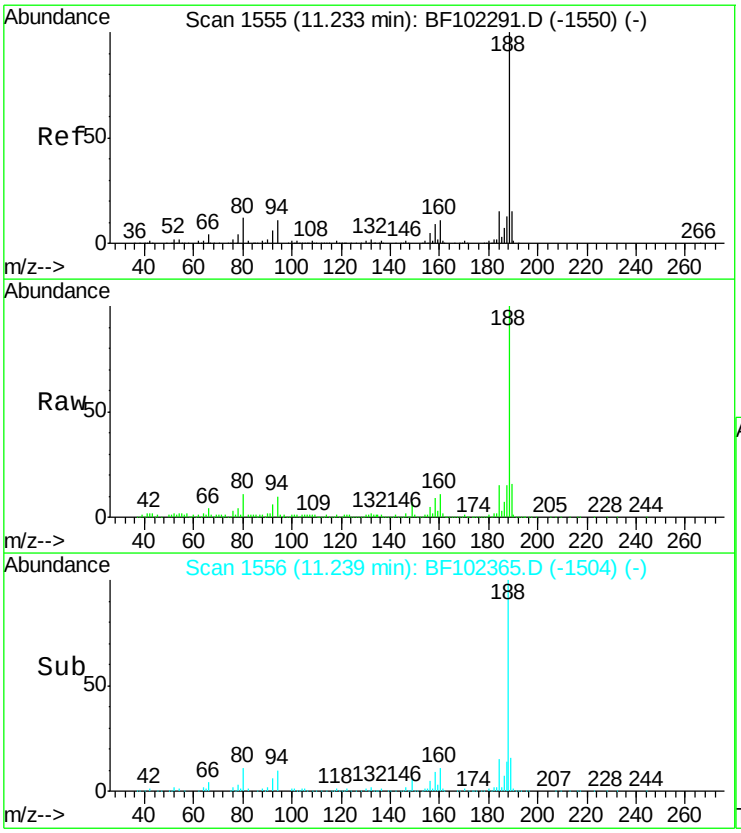
#59
Diethylphthalate
Concen: 15.634 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:149 Resp: 271226

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.1	24.1
150	12.5	10.1	15.1

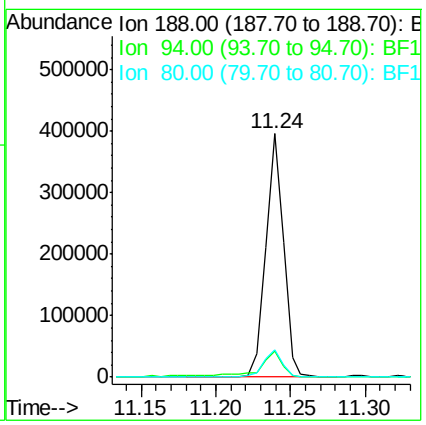


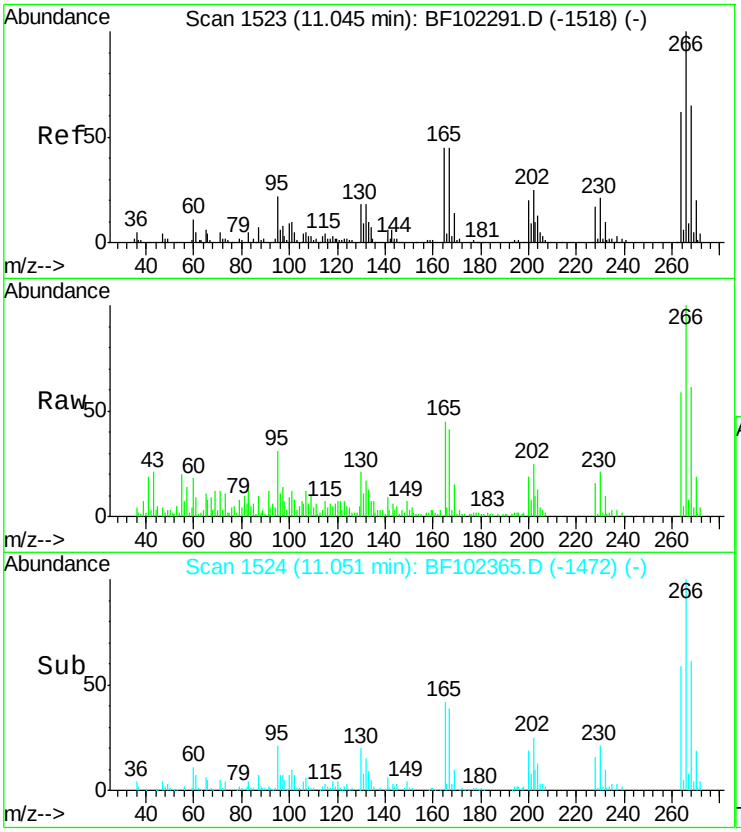


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:188 Resp: 322204

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	9.2	13.8



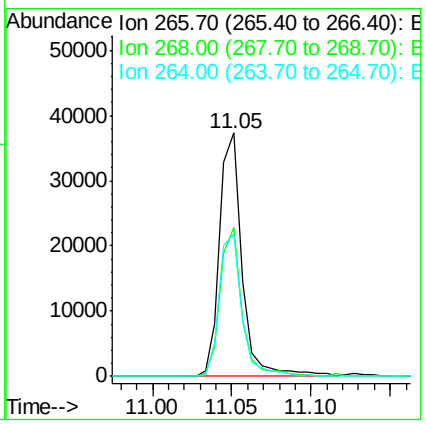


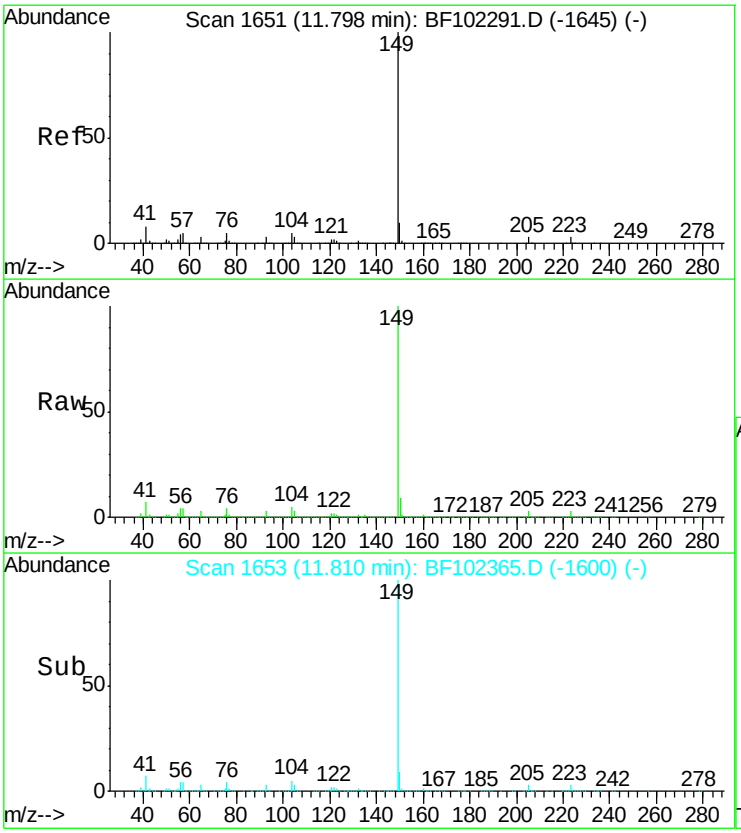
#69
Pentachlorophenol
Concen: 18.045 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:266 Resp: 36771

Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	58.7	49.5	74.3

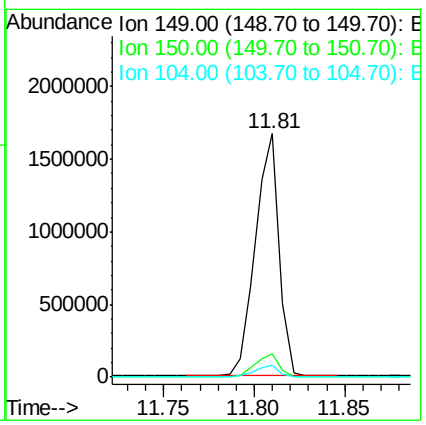


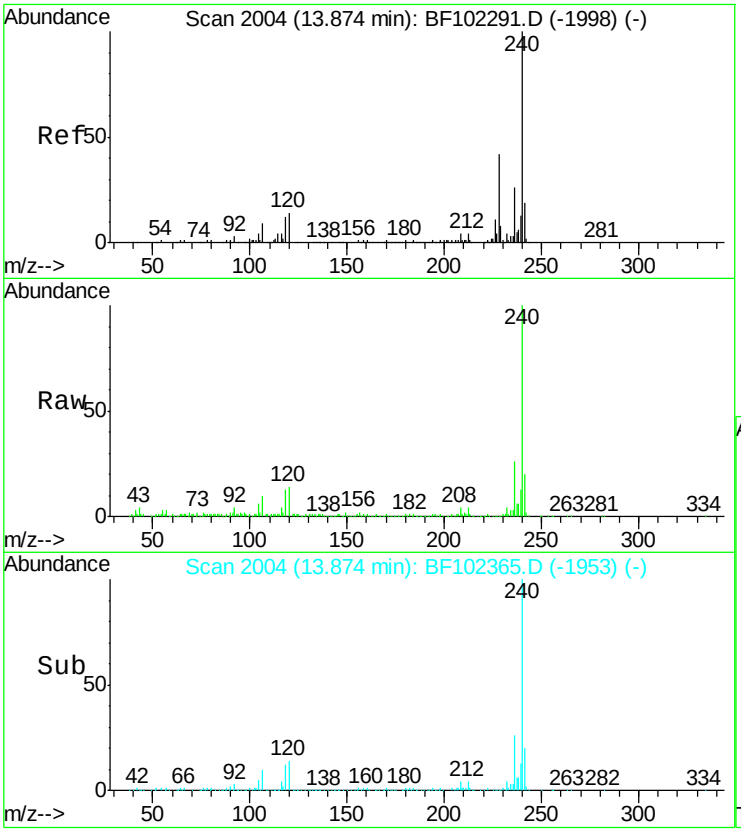


#73
Di-n-butylphthalate
Concen: 64.571 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:149 Resp: 1508990

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8



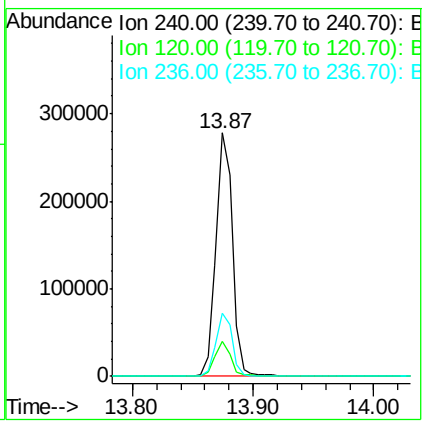


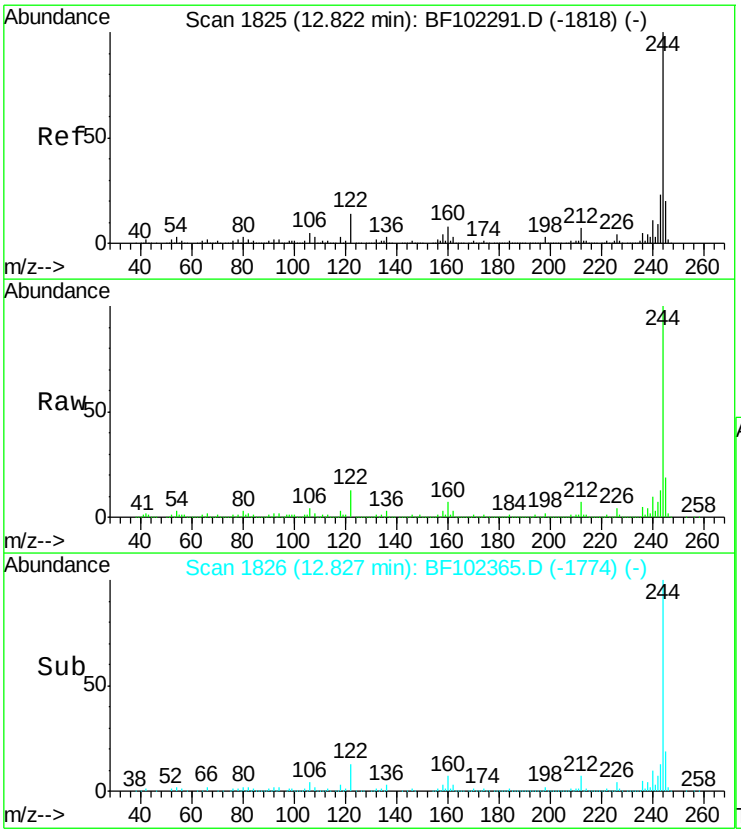
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:240 Resp: 261162

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1

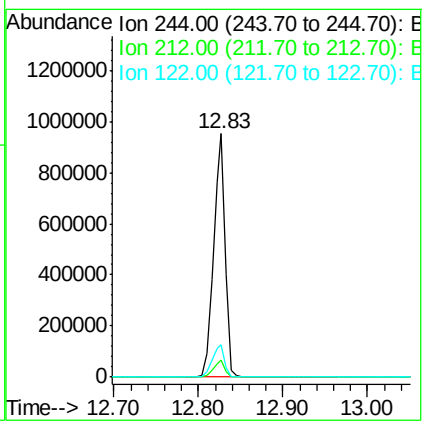


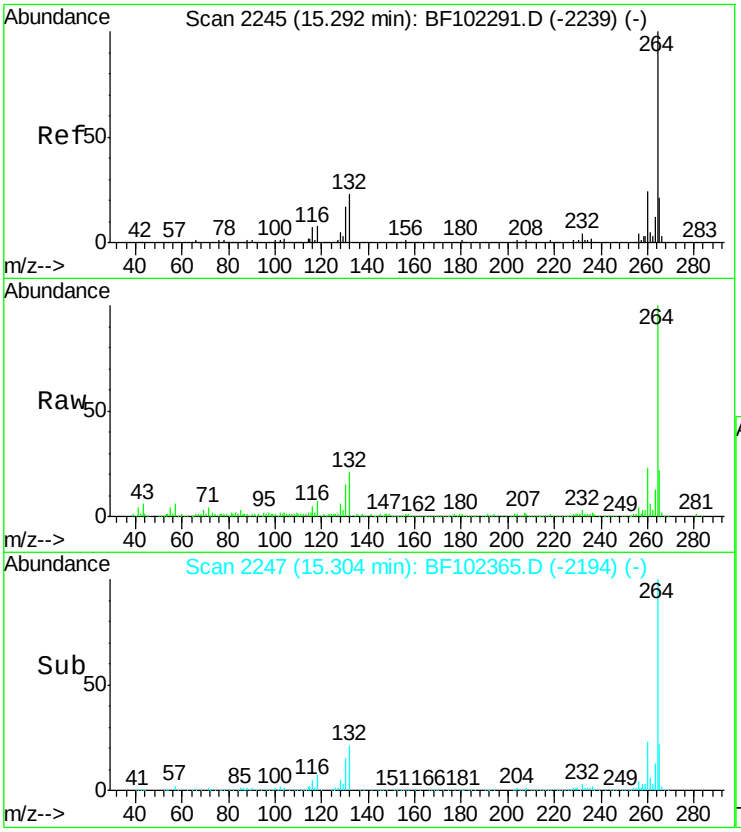


#78
Terphenyl-d14
Concen: 80.813 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Tgt Ion:244 Resp: 936194

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102365.D
Acq: 24 Jan 2018 1:48

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:264 Resp: 212686

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3