Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 00:36:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45854	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	173753	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	72791	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	120762	20.00	ng		0.00
75) Chrysene-d12	14.01	240	102439	20.00	ng		0.00
86) Perylene-d12	15.49	264	81615	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	13604	4.90	ng		0.01
7) Phenol-d6	6.46	99	249478	74.05	ng		0.00
23) Nitrobenzene-d5	7.39	82	212781	73.05	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	219	0.25	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	444985	83.64	ng		0.00
78) Terphenyl-d14	12.94	244	355624	75.93	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	10856	2.898	ng		79
18) Hexachloroethane	7.35	117	2630	2.244	ng	#	1
25) Isophorone	7.72	82	15646	3.145	ng	#	65
31) Naphthalene	8.13	128	60980	7.121	ng		98
35) Caprolactam	8.55	113	1596	2.075	ng	#	1
37) 2-Methylnaphthalene	8.82	142	110942	19.066	ng		95
49) Dimethylphthalate	9.57	163	47553	8.100	ng	#	93
53) 2,4-Dinitrophenol	10.05	184	528	5.608	ng	#	56
55) 4-Nitrophenol	9.97	139	5039	5.374	ng	#	8
56) 2,4-Dinitrotoluene	10.07	165	3862	2.331	ng	#	61
65) n-Nitrosodiphenylamine	10.53	169	44446	10.432	ng	#	38
70) Phenanthrene	11.39	178	79258	11.918	ng		99
71) Anthracene	11.39	178	79258	11.776	ng		100
74) Fluoranthene	12.57	202	24546	3.330	ng		93
77) Pyrene	12.80	202	22375	3.165	ng		98
87) Benzo(b)fluoranthene	15.05	252	16449	3.365	ng	#	71
88) Benzo(k)fluoranthene	15.05	252	16449	3.415	ng	#	71

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 13 00:36:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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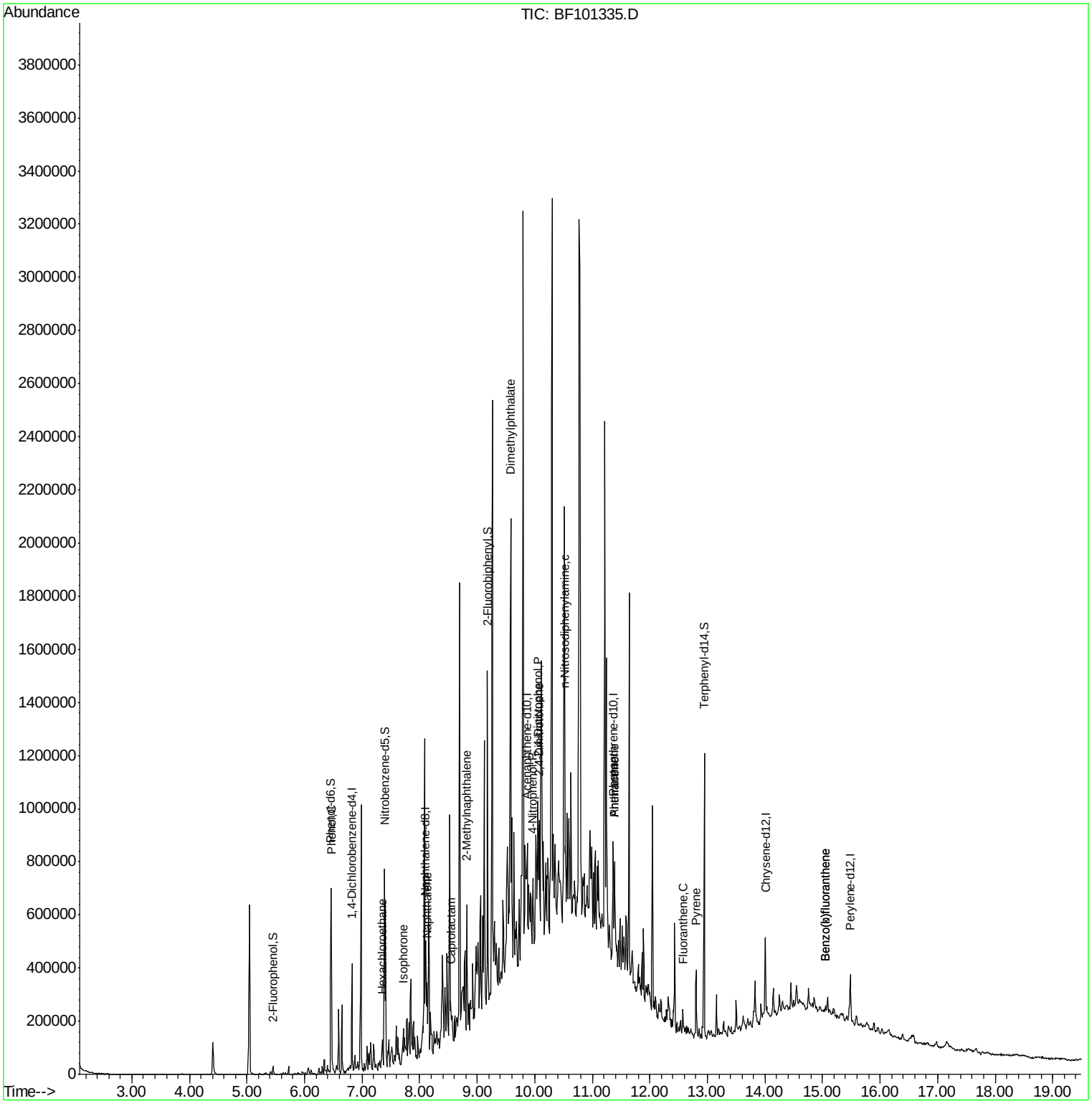
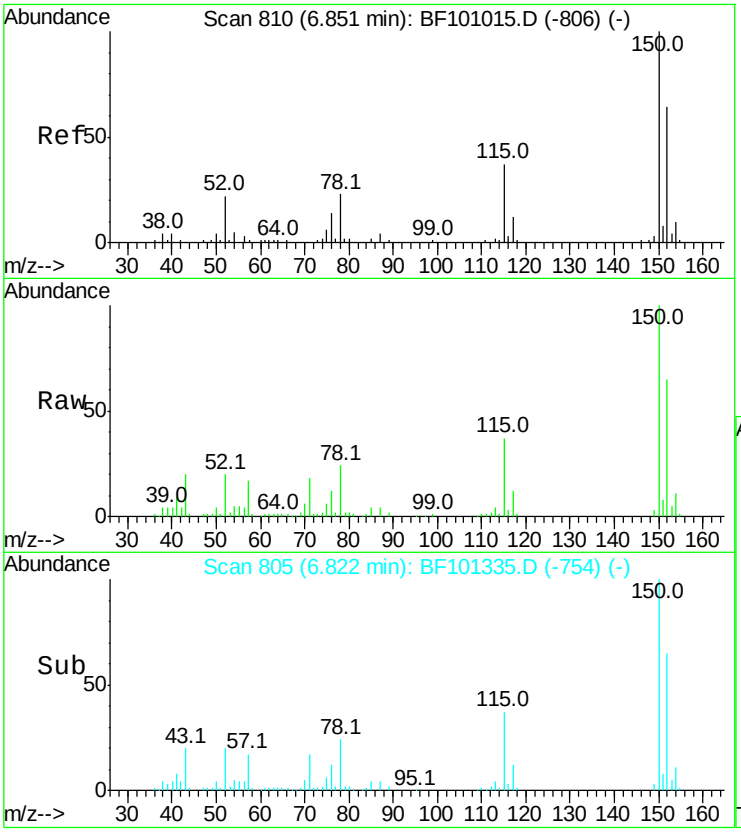


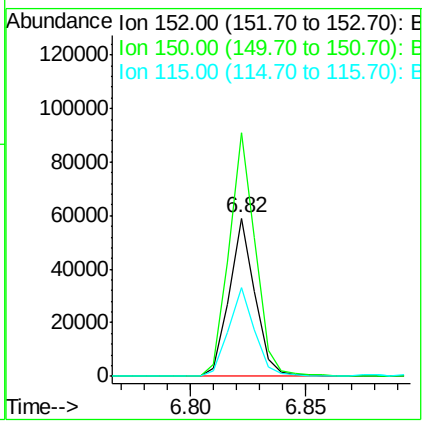


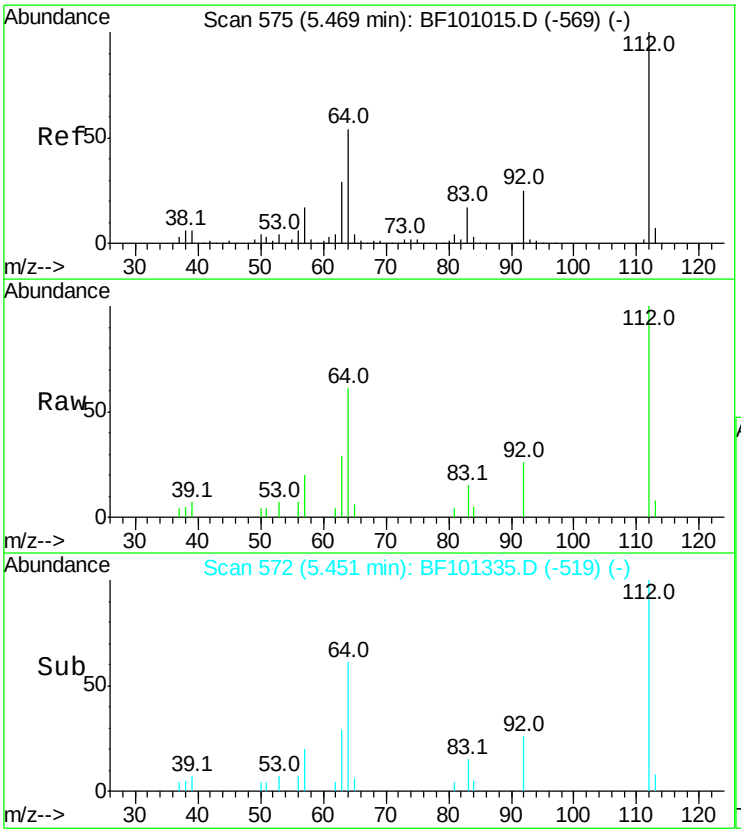
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45854

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.1	50.1	75.1

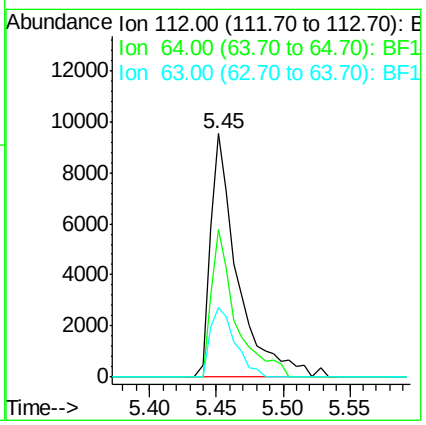


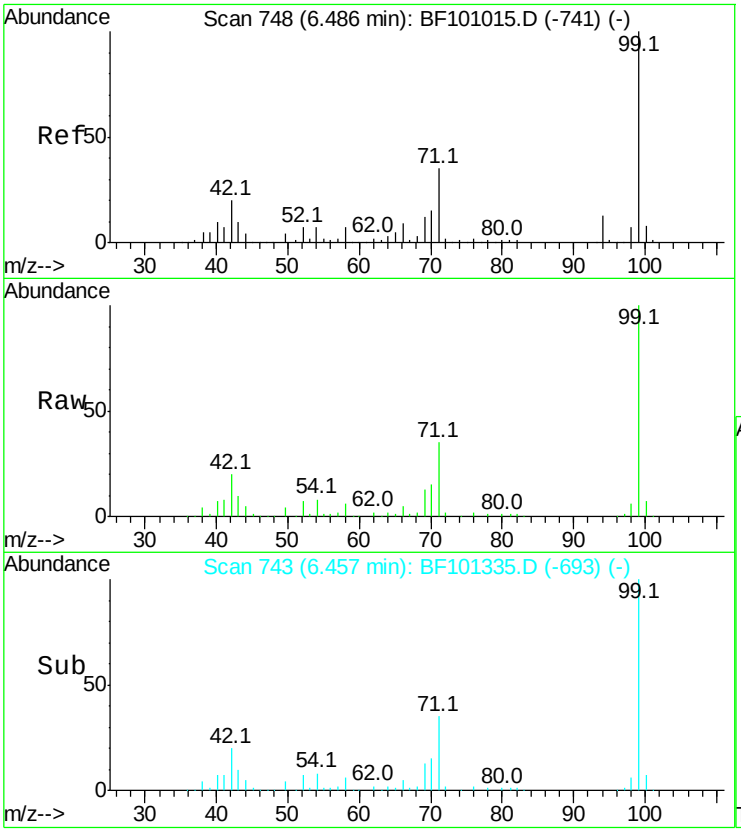


#5
2-Fluorophenol
Concen: 4.902 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:112 Resp: 13604

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	28.6	23.7	35.5



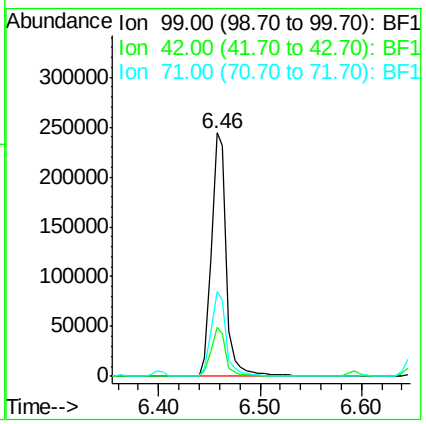


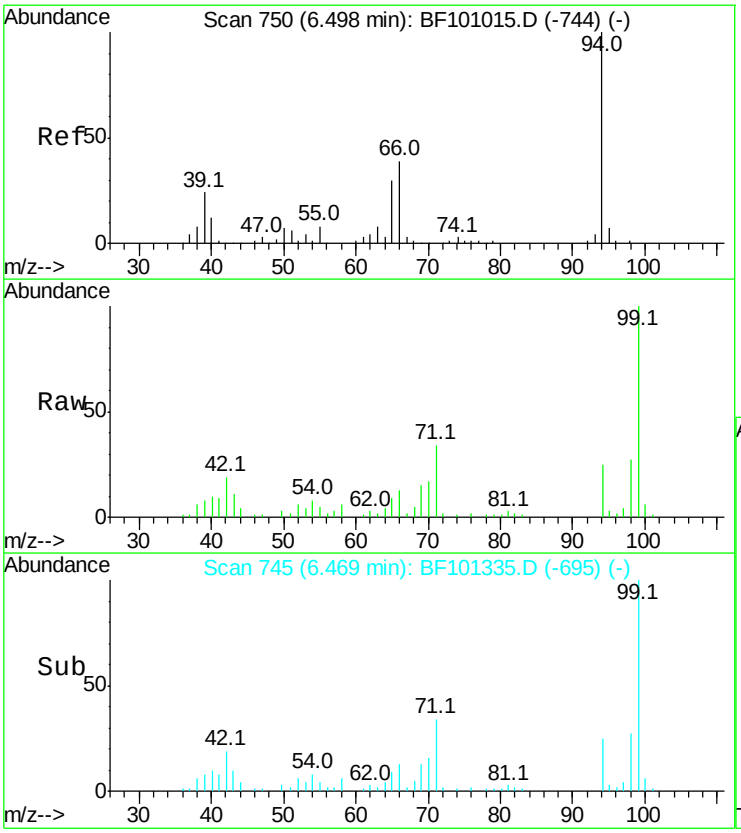
#7
Phenol-d6
Concen: 74.051 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 249478

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.1	25.4	38.0

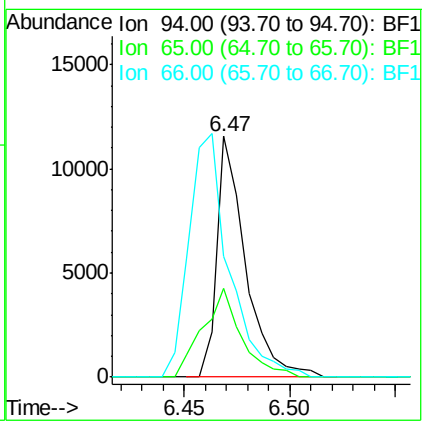


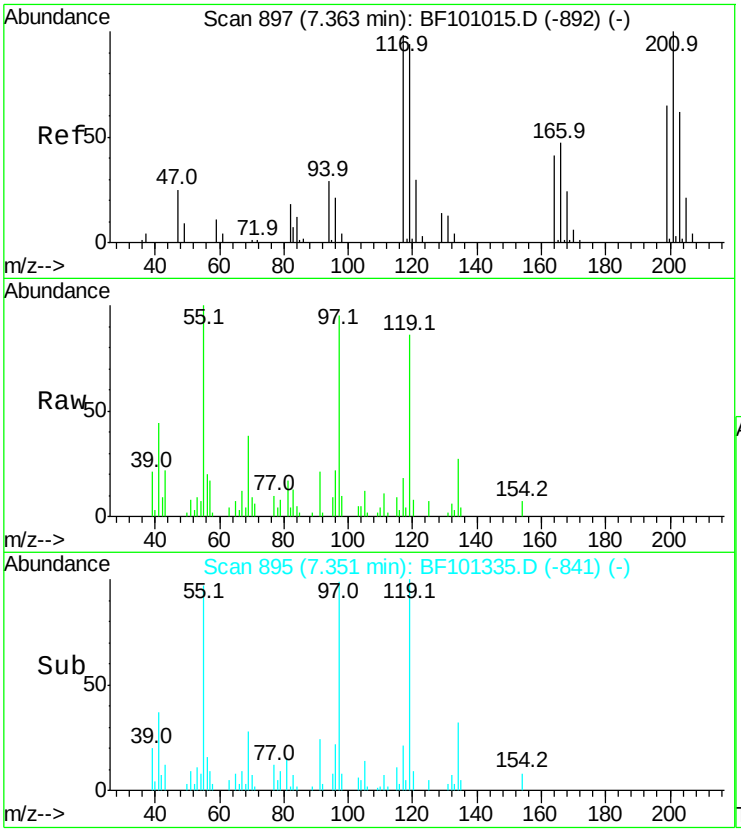


#10
Phenol
Concen: 2.898 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion: 94 Resp: 10856

Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.9	47.9
66	50.3	16.2	56.2



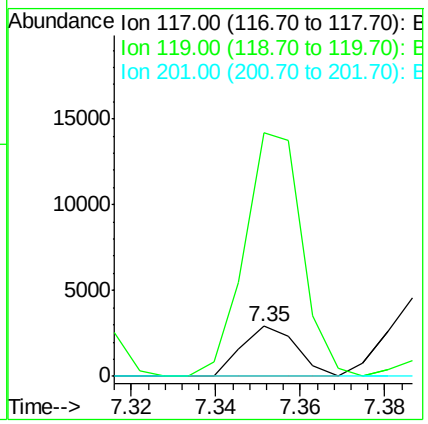


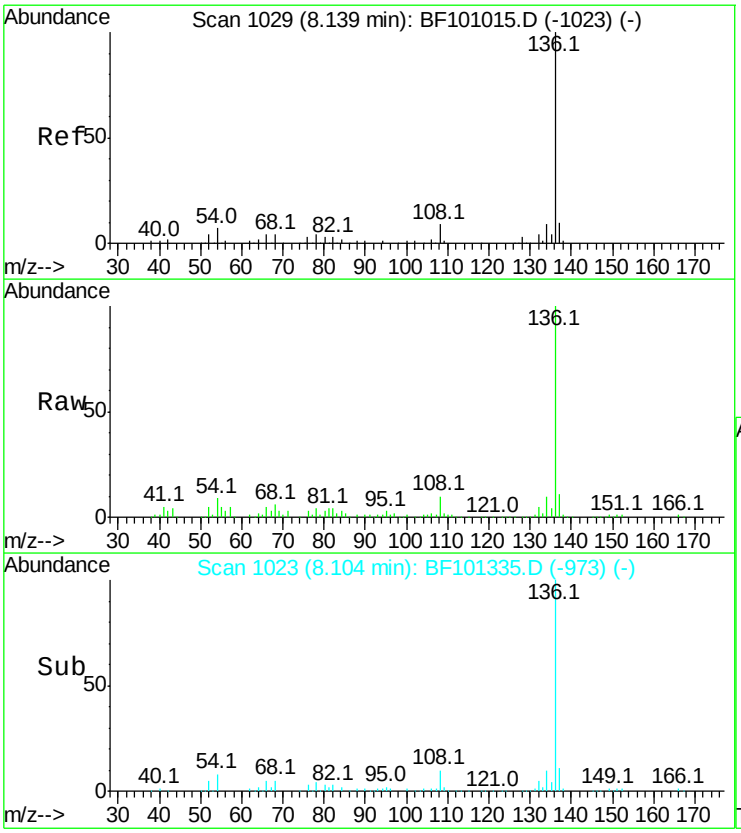
#18
Hexachloroethane
Concen: 2.244 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.02 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 2630

Ion	Ratio	Lower	Upper
117	100		
119	484.5	75.8	113.8#
201	0.0	75.7	113.5#

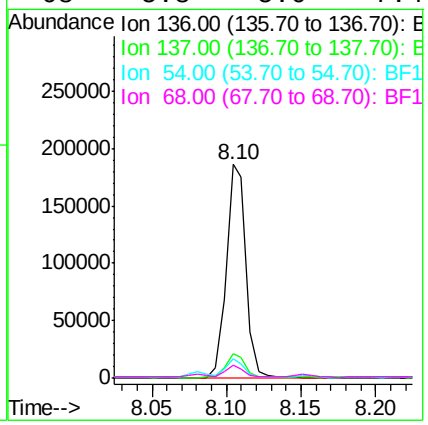


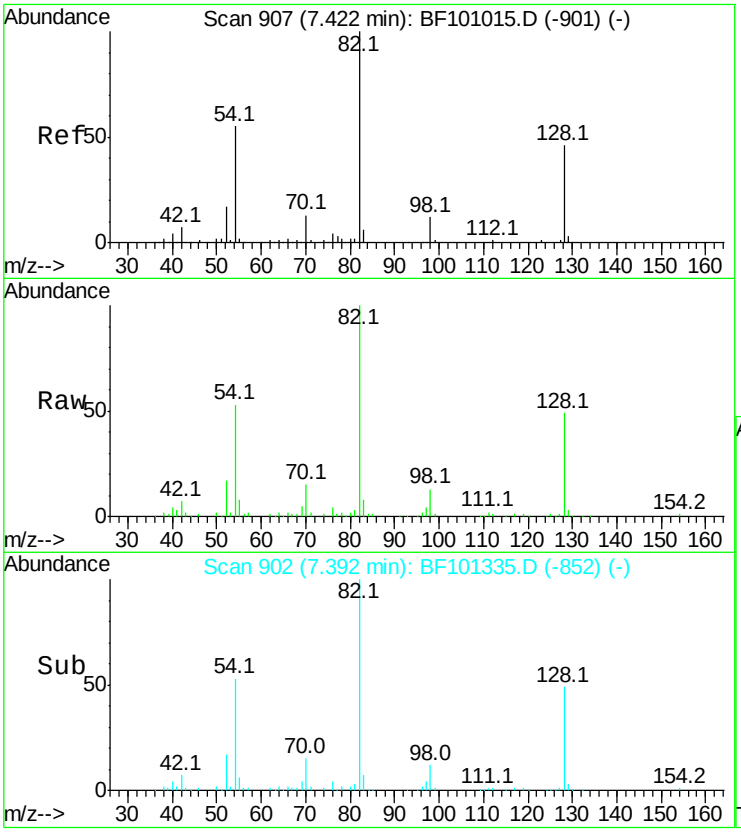


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:136 Resp: 173753

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	6.6	9.8
68	5.8	5.0	7.4



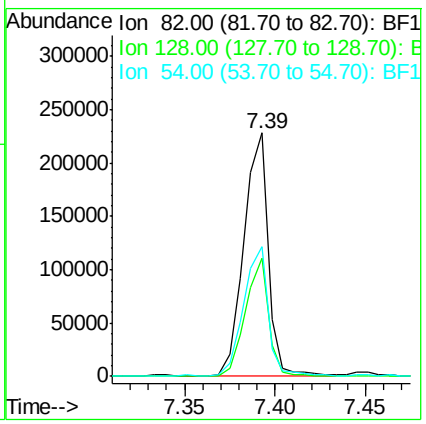


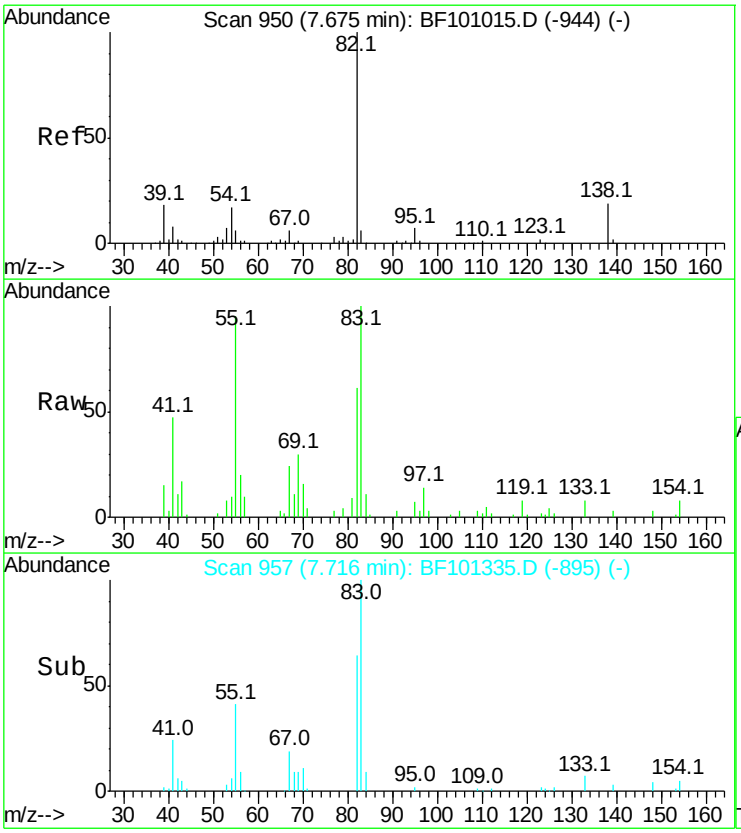
#23
Nitrobenzene-d5
Concen: 73.052 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 212781

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	53.2	41.4	62.2

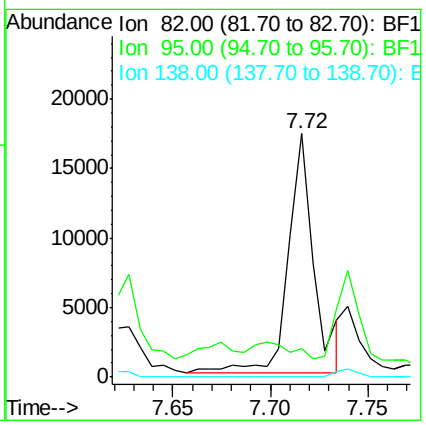


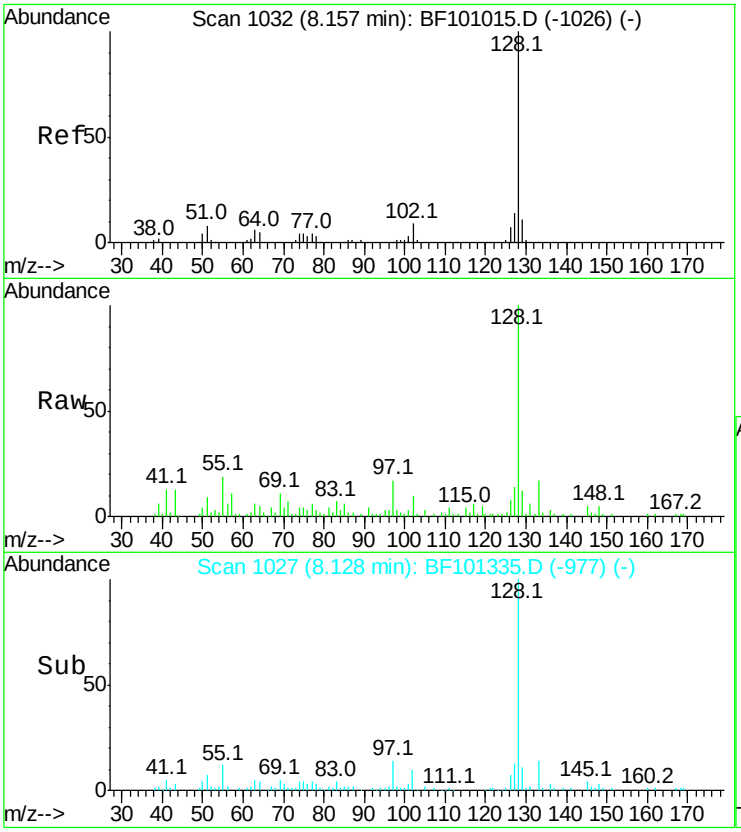


#25
Isophorone
Concen: 3.145 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.06 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion: 82 Resp: 15646

Ion	Ratio	Lower	Upper
82	100		
95	11.6	5.2	7.8#
138	0.0	14.9	22.3#



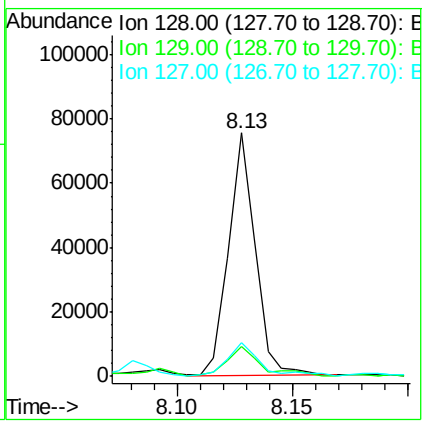


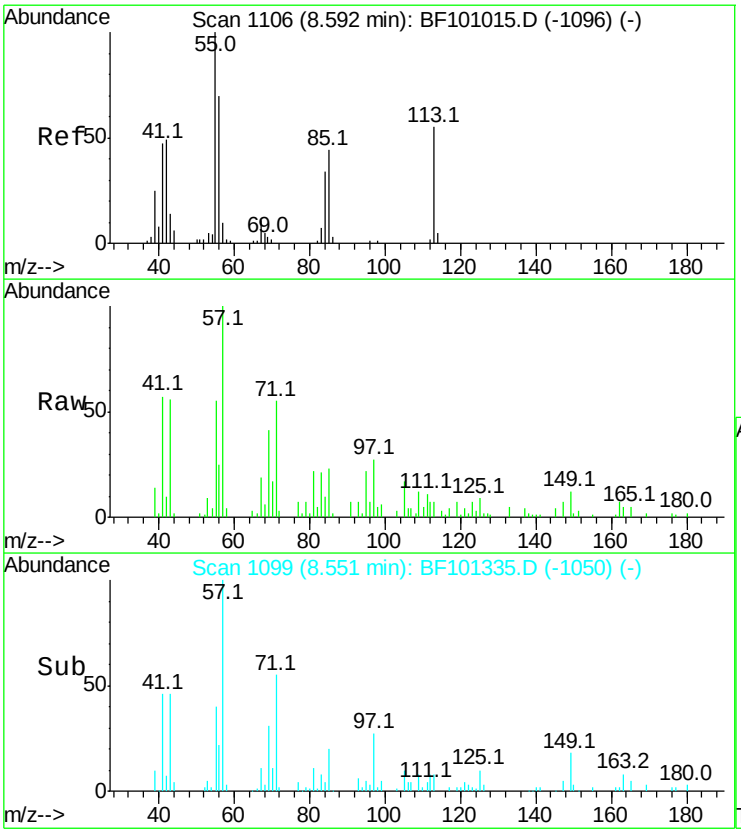
#31
Naphthalene
Concen: 7.121 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 60980

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.7	10.9	16.3

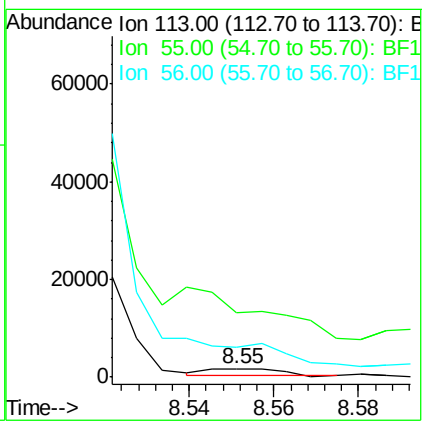


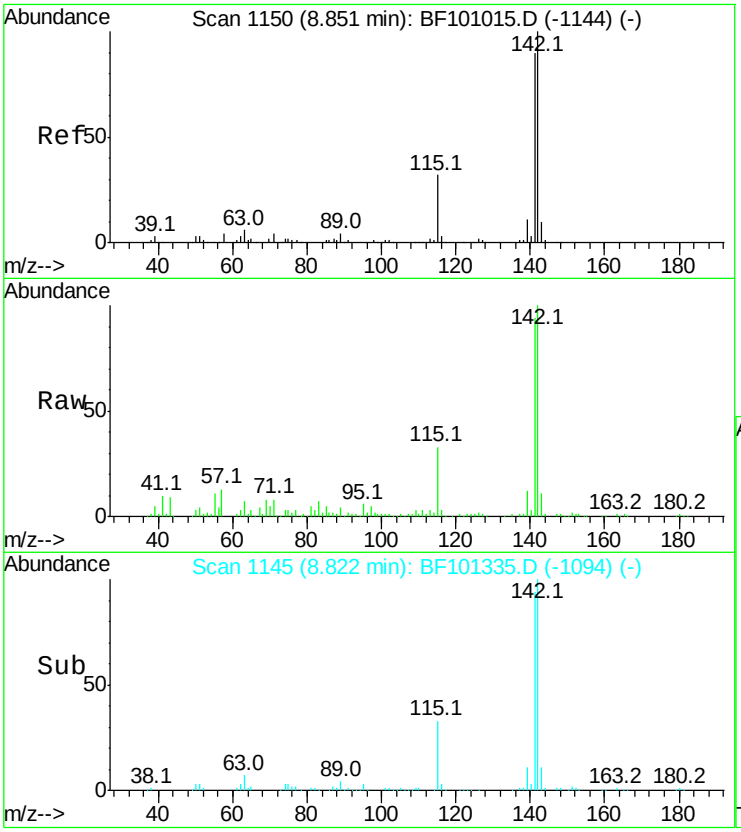


#35
Caprolactam
Concen: 2.075 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:113 Resp: 1596

Ion	Ratio	Lower	Upper
113	100		
55	750.3	163.3	203.3#
56	345.0	115.7	155.7#



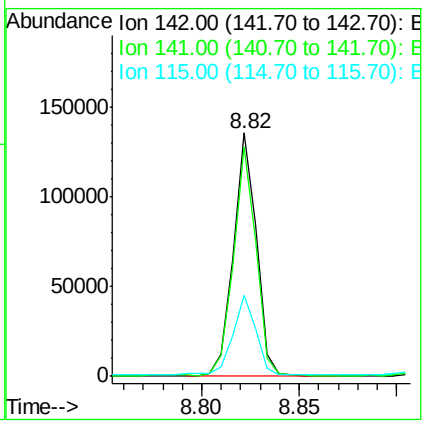


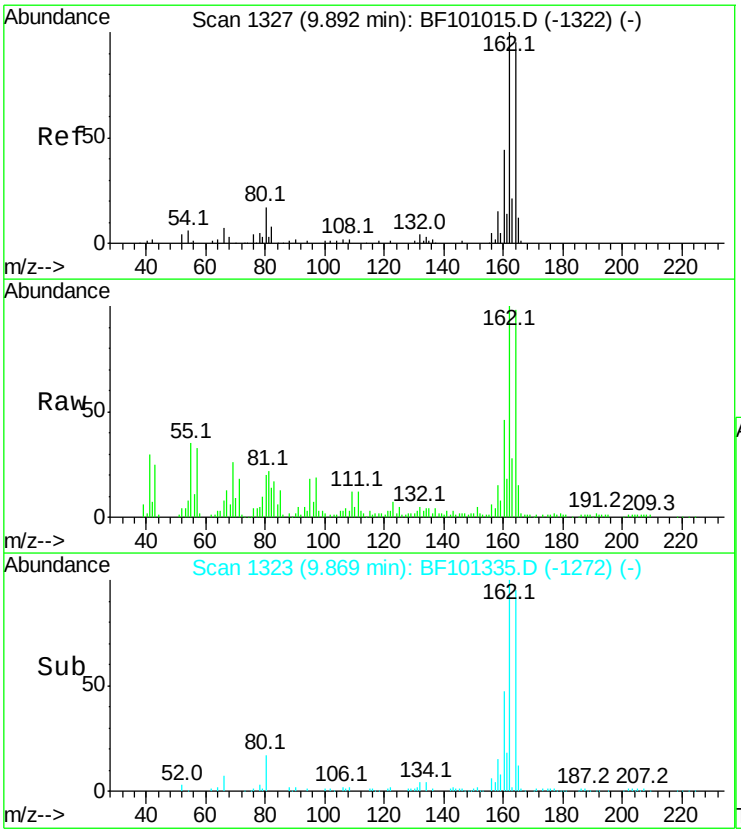
#37
2-Methylnaphthalene
Concen: 19.066 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 110942

Ion	Ratio	Lower	Upper
142	100		
141	94.4	70.8	106.2
115	33.3	26.1	39.1

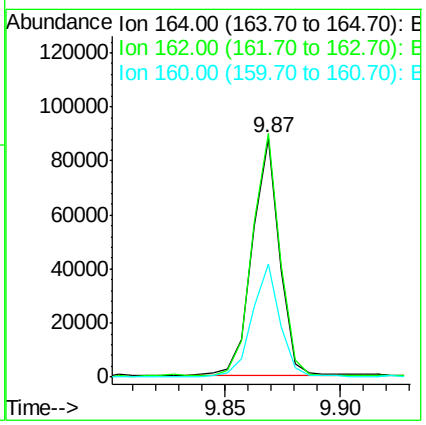


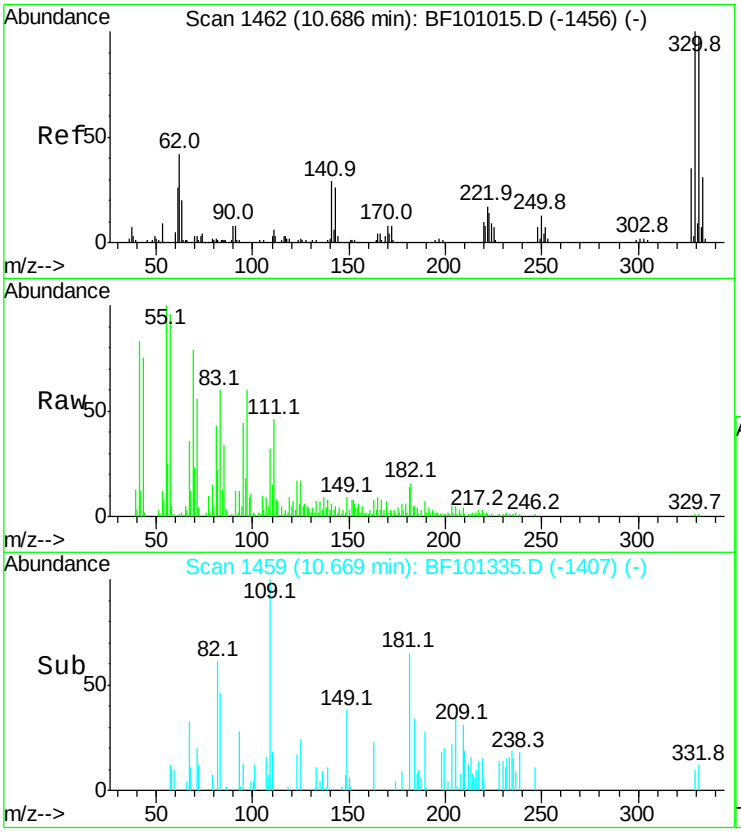


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:164 Resp: 72791

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.2	38.3	57.5



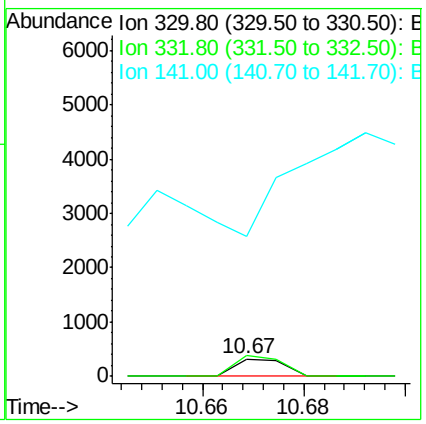


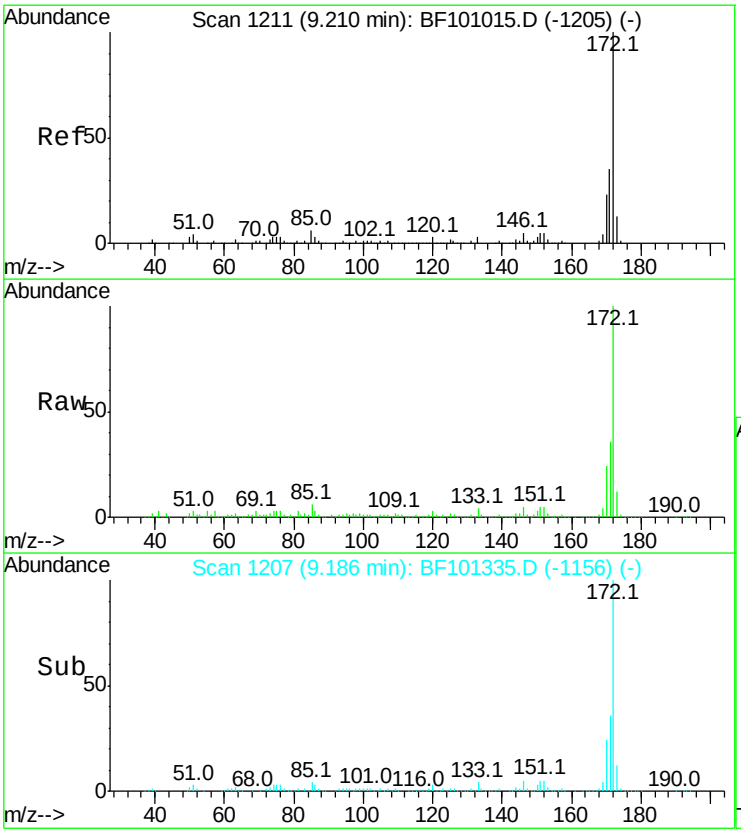
#41
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 219

Ion	Ratio	Lower	Upper
330	100		
332	112.3	77.0	115.6
141	0.0	29.9	44.9#

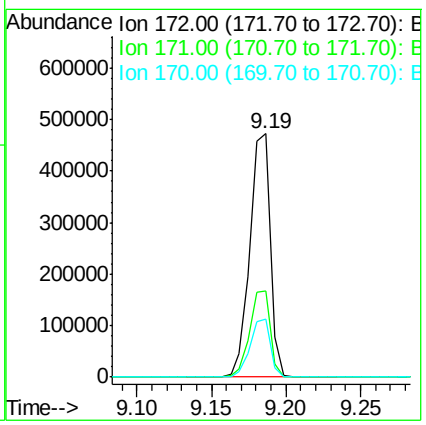


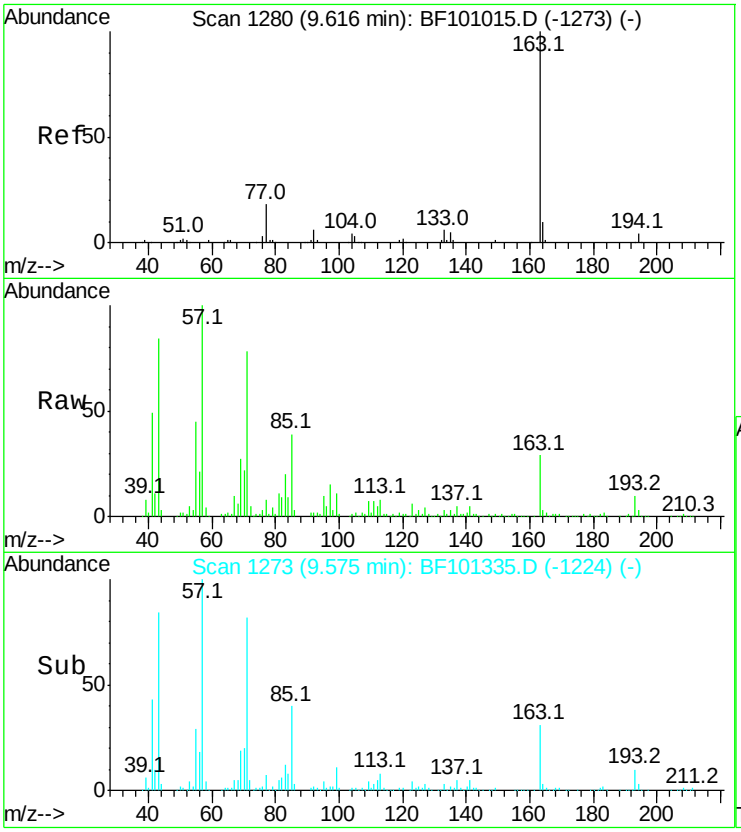


#44
2-Fluorobiphenyl
Concen: 83.641 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:172 Resp: 444985

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	19.6	29.4



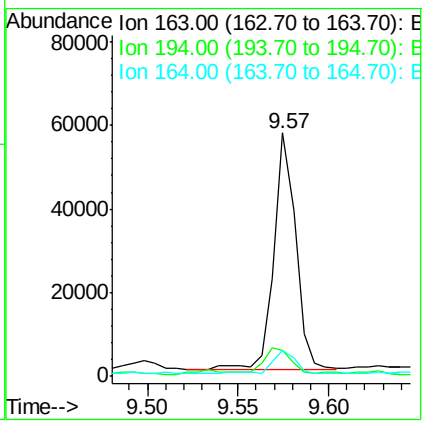


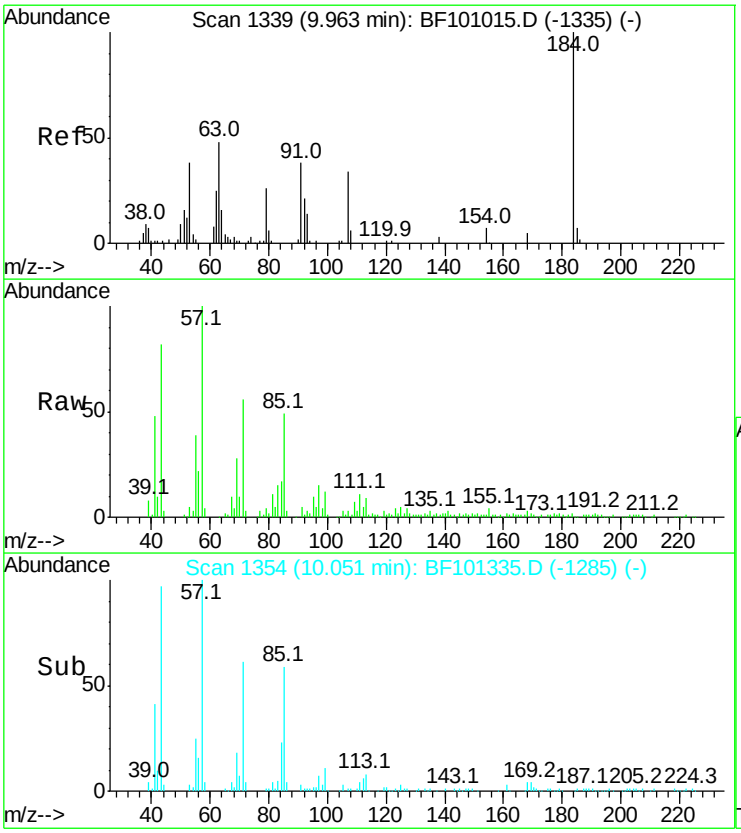
#49
Dimethylphthalate
Concen: 8.100 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47553

Ion	Ratio	Lower	Upper
163	100		
194	10.9	2.7	4.1#
164	10.9	8.2	12.2

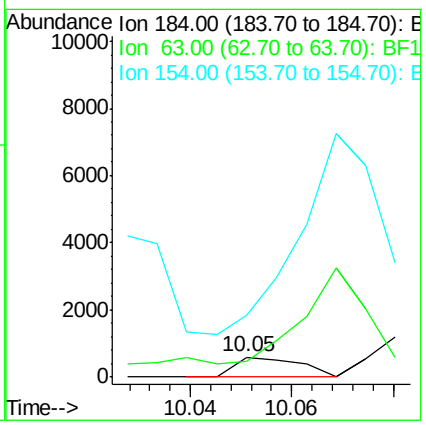


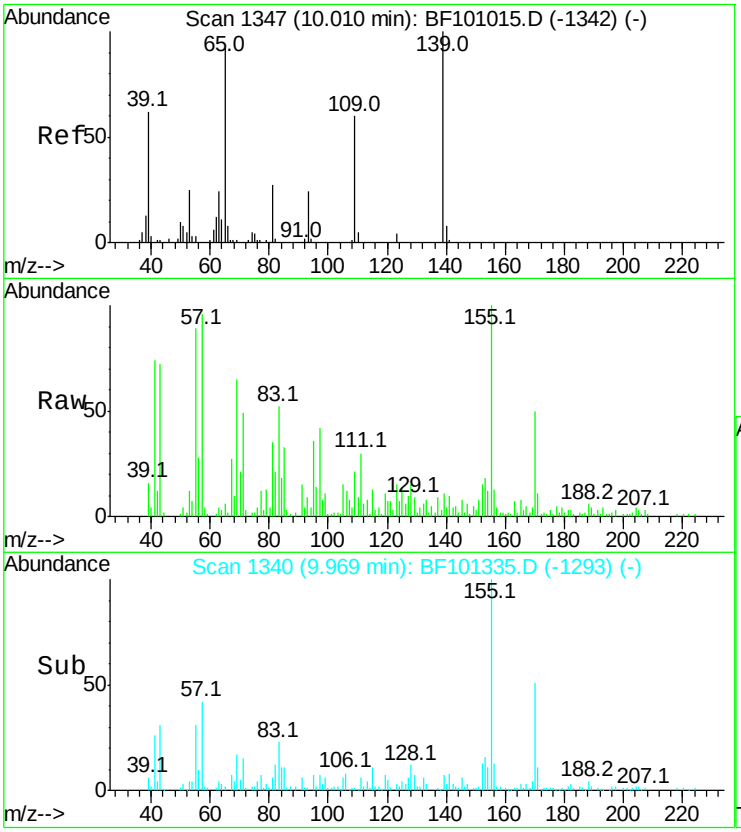


#53
2,4-Dinitrophenol
Concen: 5.608 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.11 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:184 Resp: 528

Ion	Ratio	Lower	Upper
184	100		
63	80.1	54.2	81.2
154	315.7	184.0	276.0#



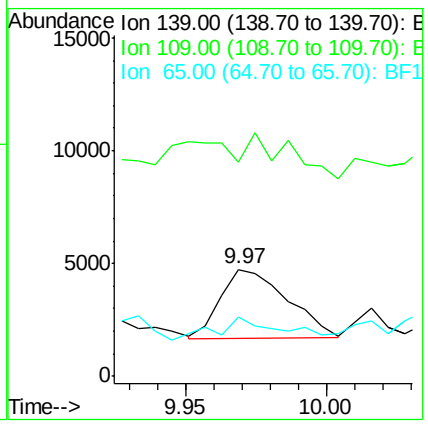


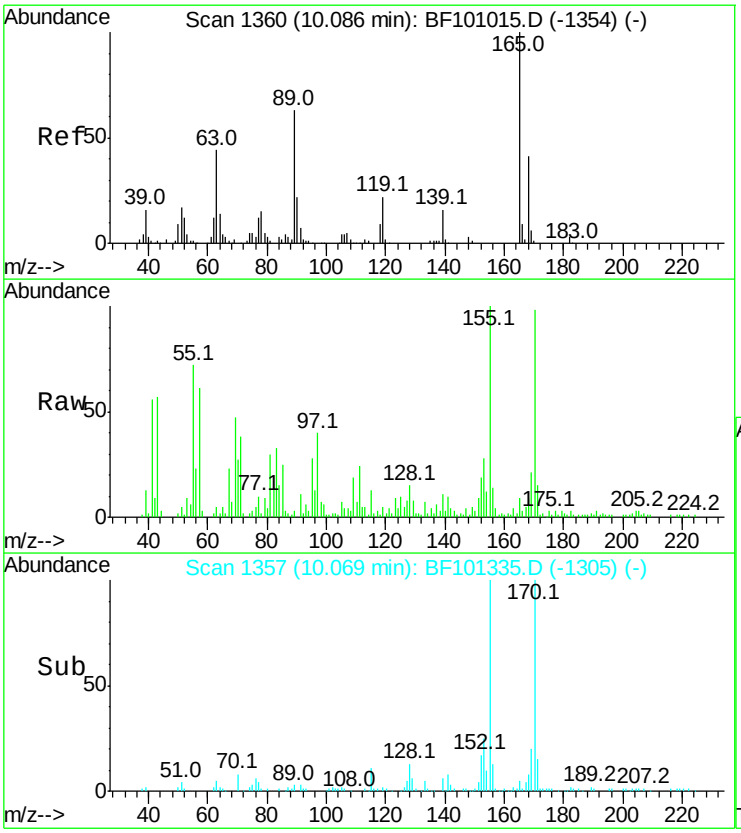
#55
4-Nitrophenol
Concen: 5.374 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5039

Ion	Ratio	Lower	Upper
139	100		
109	200.6	48.4	88.4#
65	55.1	72.6	112.6#

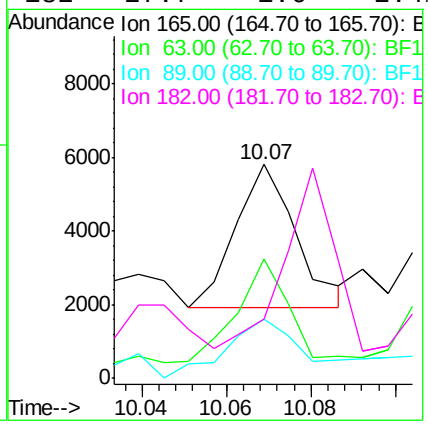


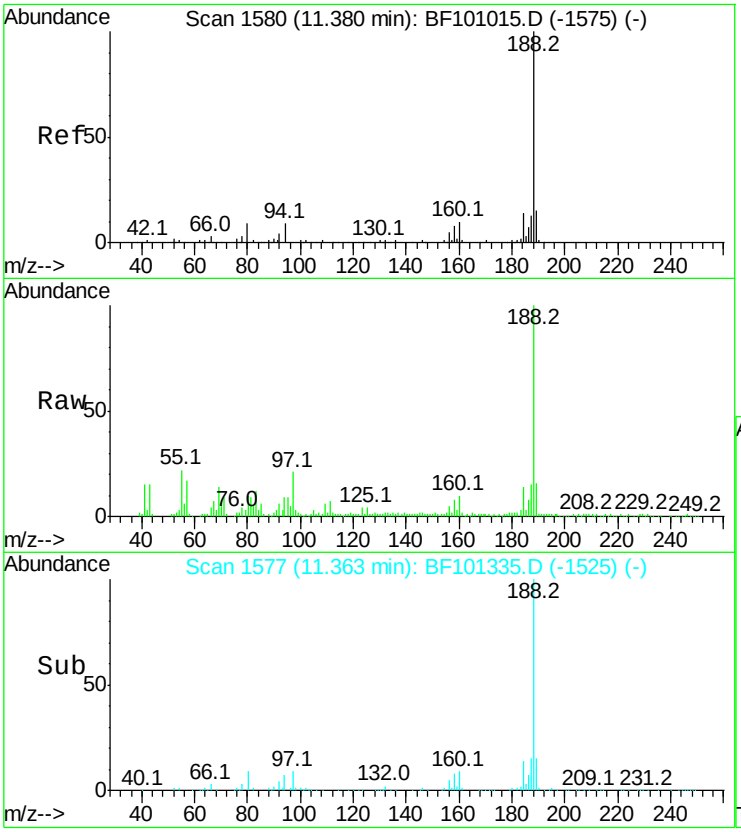


#56
2,4-Dinitrotoluene
Concen: 2.331 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:165 Resp: 3862

Ion	Ratio	Lower	Upper
165	100		
63	55.8	36.4	54.6#
89	27.8	57.8	86.6#
182	27.7	1.6	2.4#



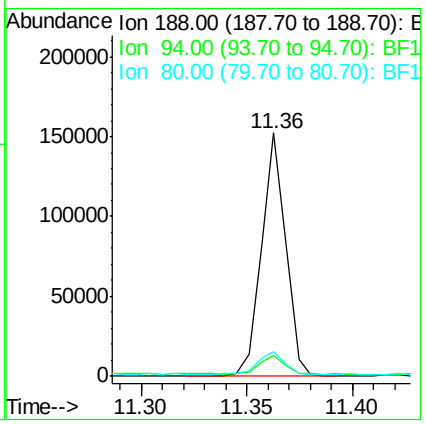


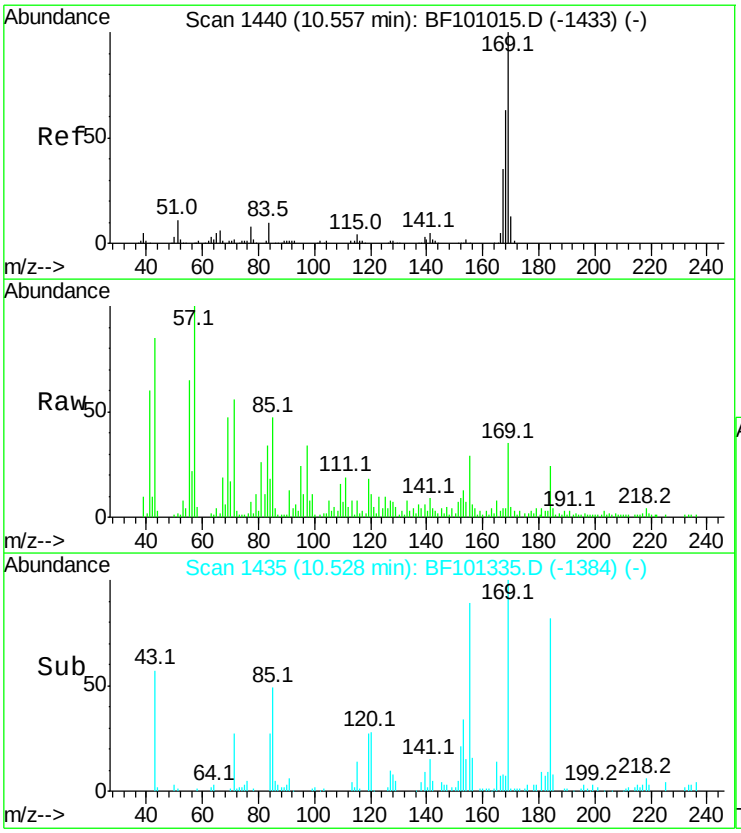
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 120762

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	10.1	9.2	13.8

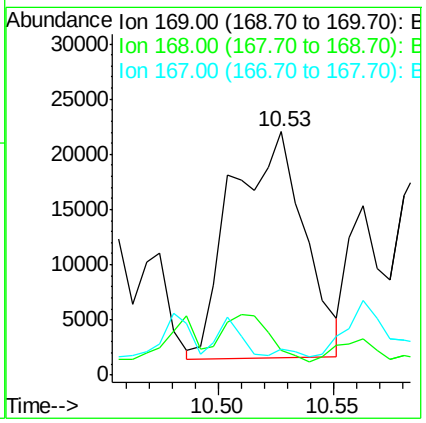


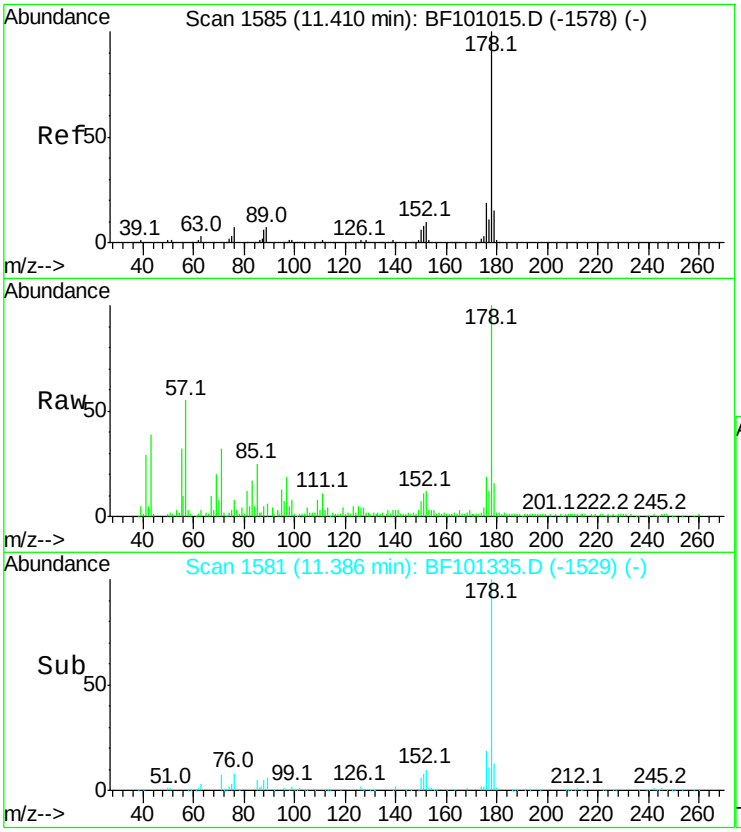


#65
n-Nitrosodiphenylamine
Concen: 10.432 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:169 Resp: 44446

Ion	Ratio	Lower	Upper
169	100		
168	10.2	54.4	81.6#
167	10.5	29.8	44.6#



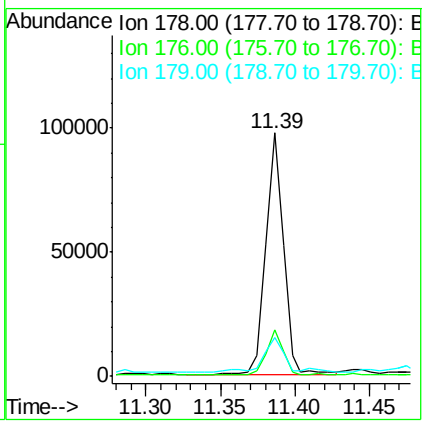


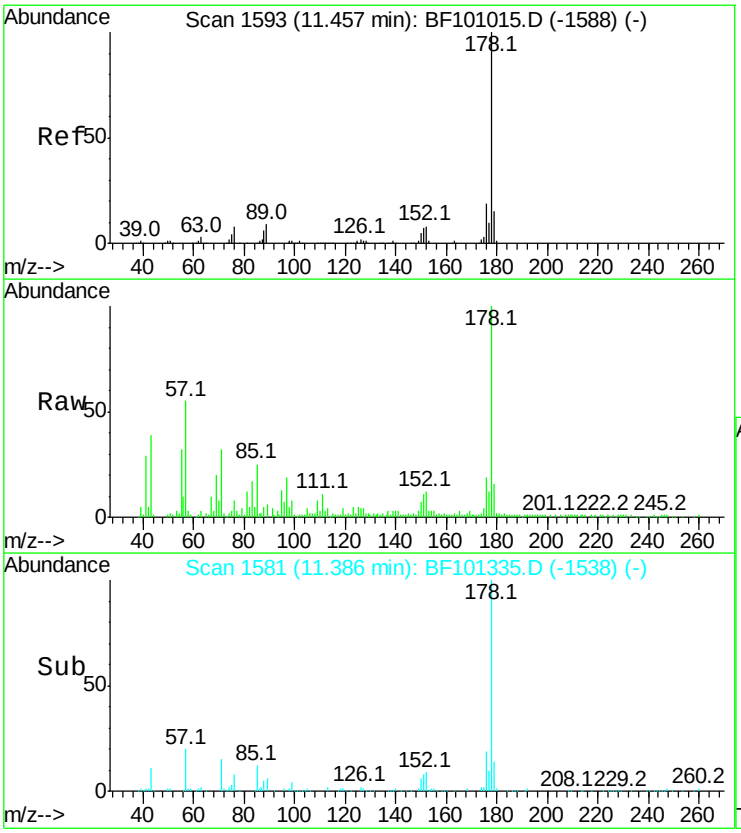
#70
Phenanthrene
Concen: 11.918 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 79258

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.9	13.0	19.6

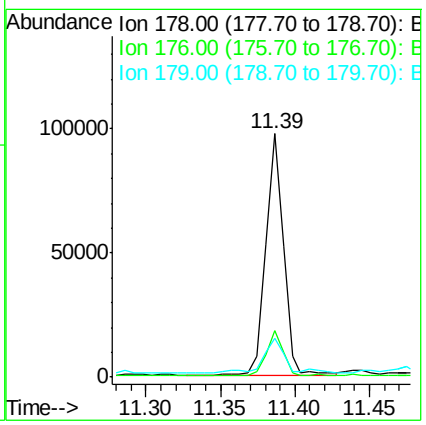


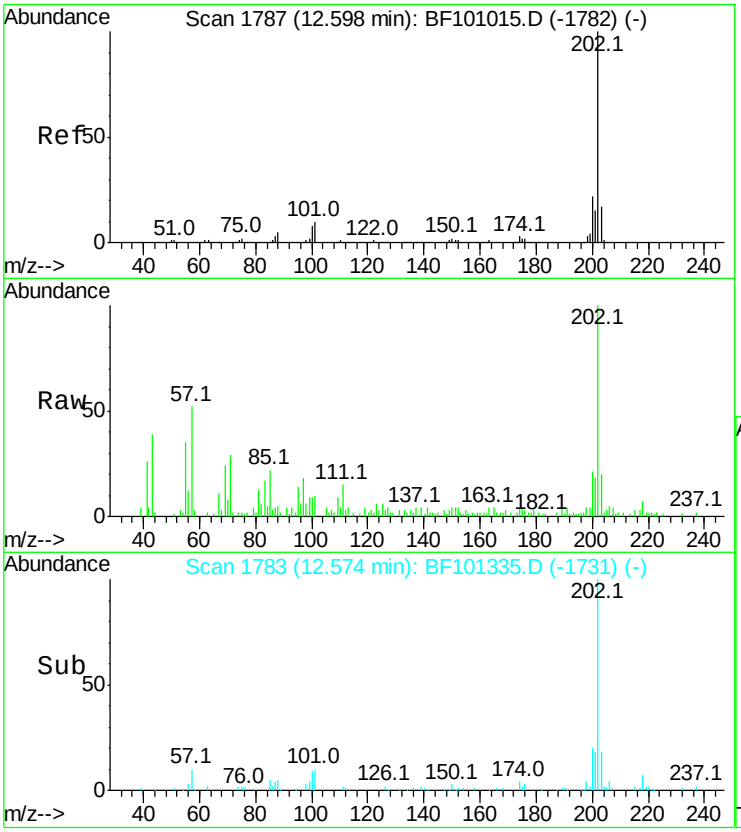


#71
Anthracene
Concen: 11.776 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.05 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:178 Resp: 79258

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.9	12.6	19.0



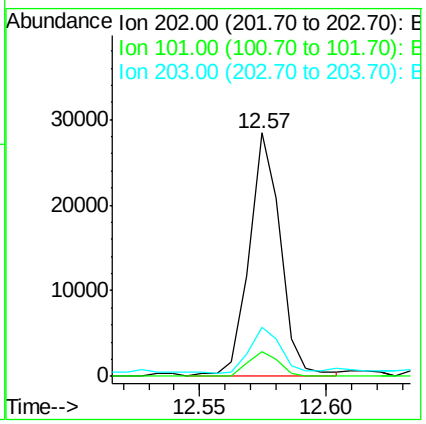


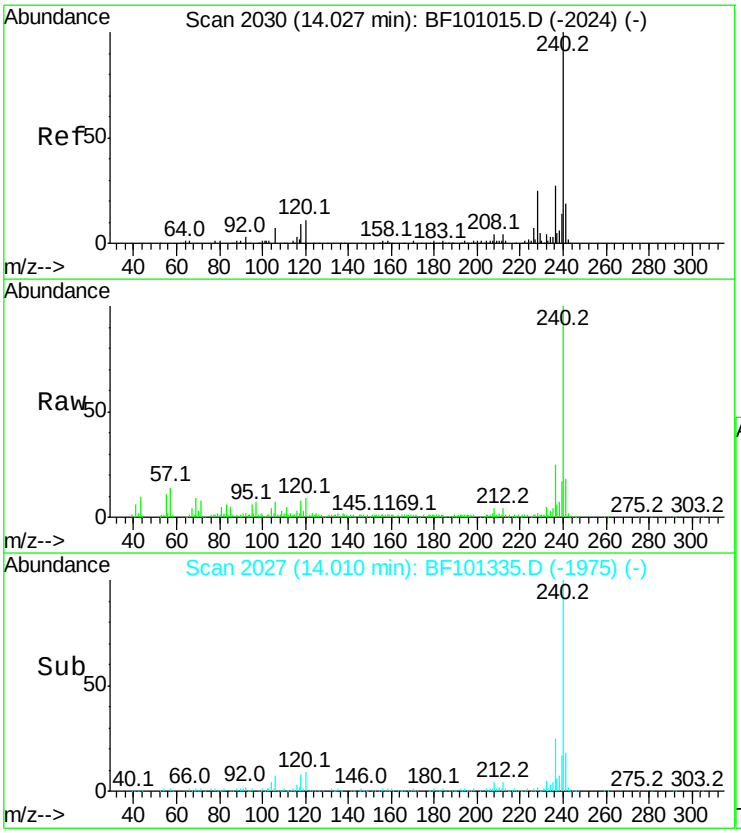
#74
Fluoranthene
Concen: 3.330 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 24546

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	20.0	0.0	38.1

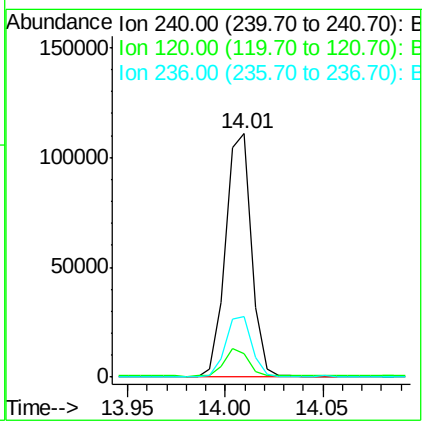


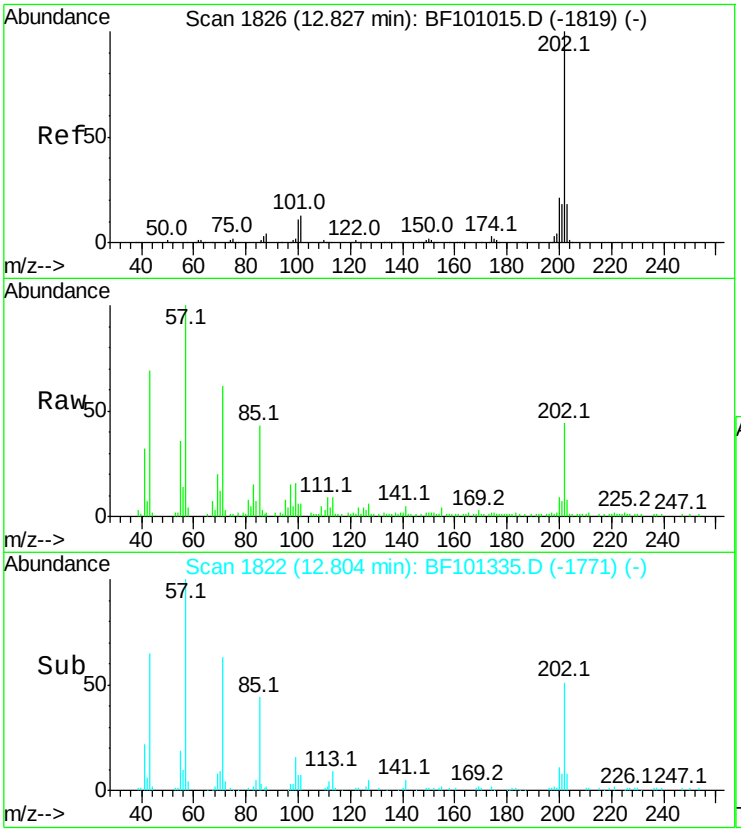


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:240 Resp: 102439

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.0	20.7	31.1



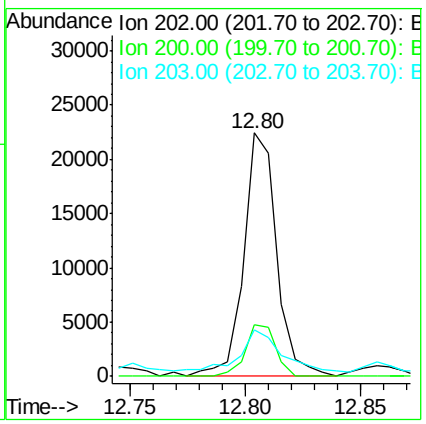


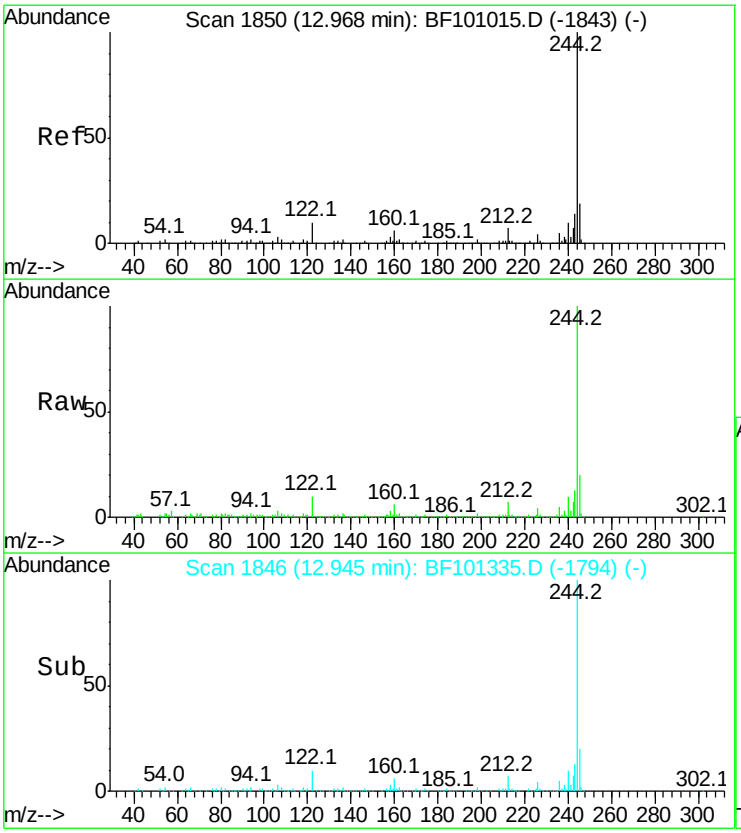
#77
Pyrene
Concen: 3.165 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 22375

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.0	14.3	21.5

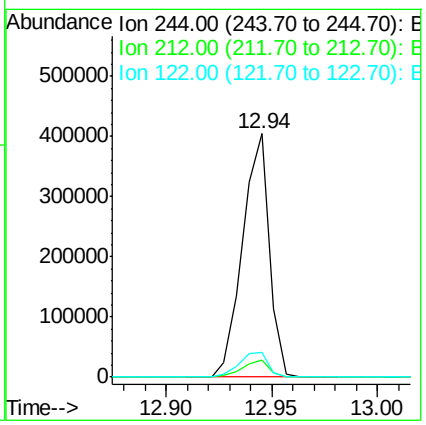


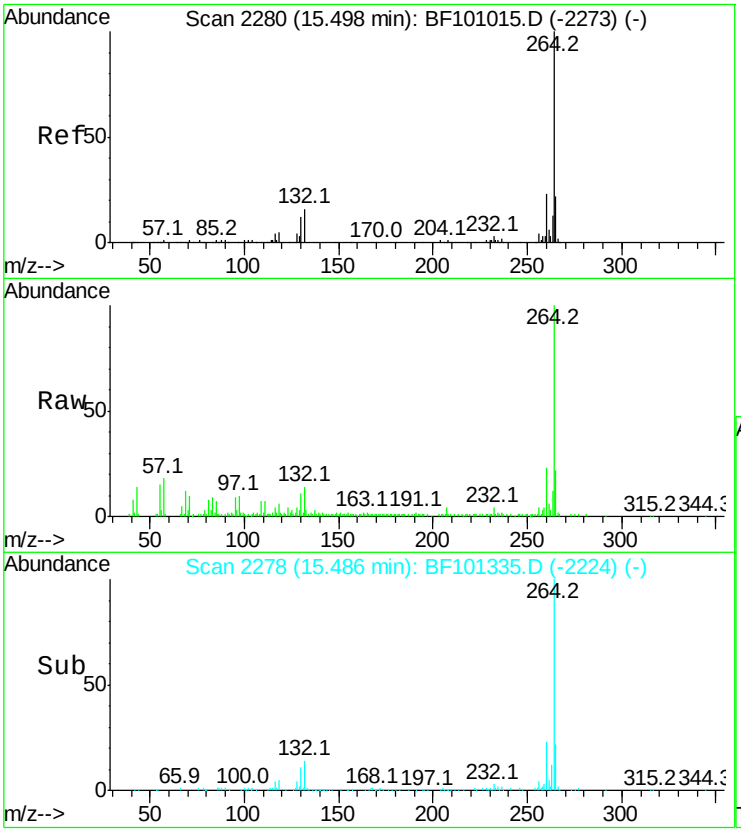


#78
Terphenyl-d14
Concen: 75.932 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:244 Resp: 355624

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.2	11.0	16.4#



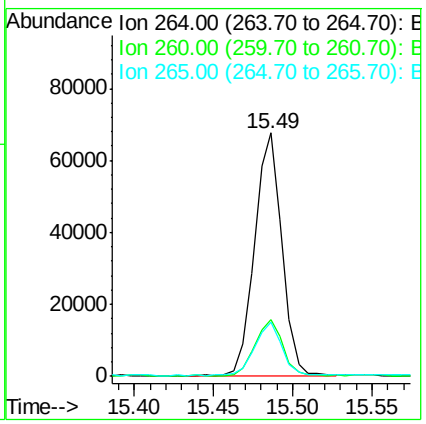


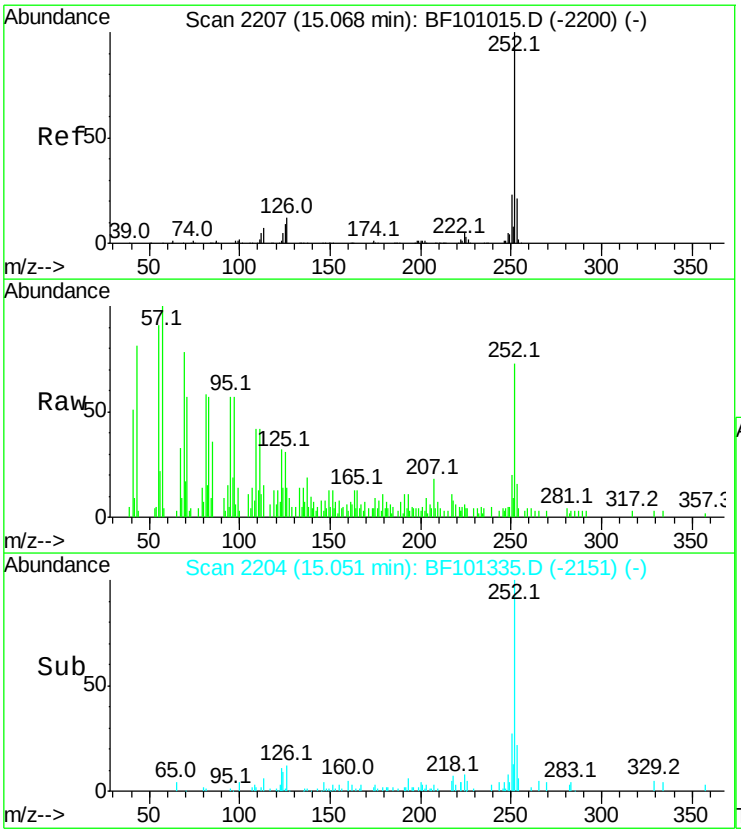
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 81615

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	17.5	26.3

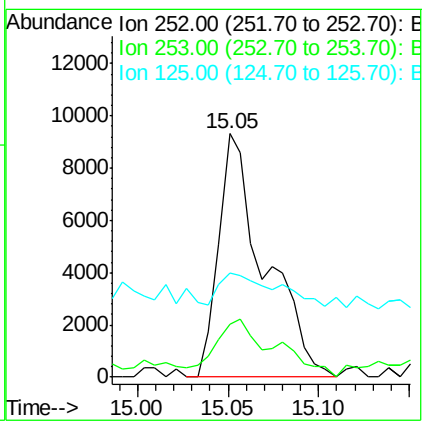


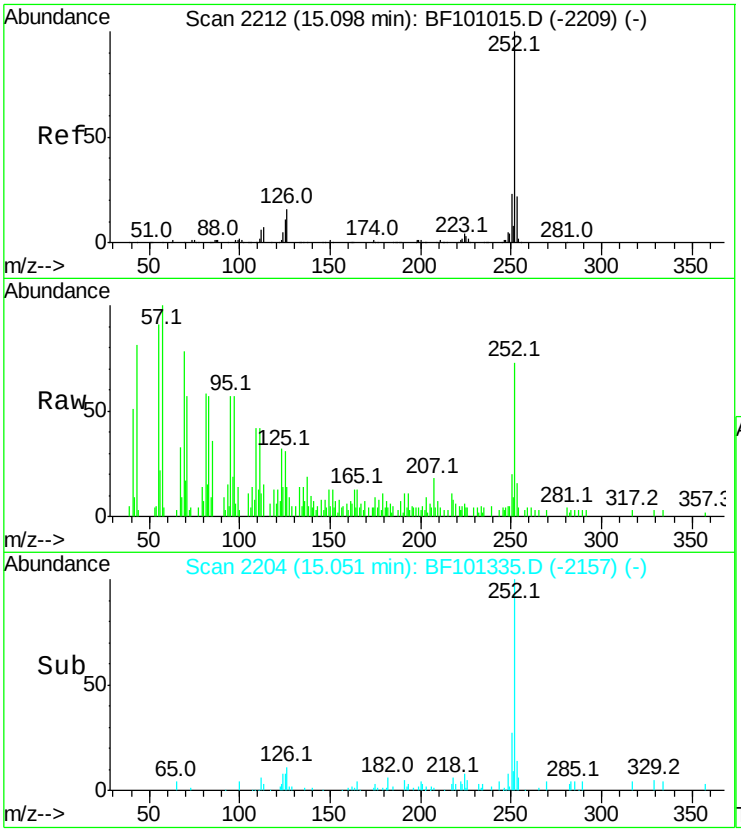


#87
Benzo(b)fluoranthene
Concen: 3.365 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Tgt Ion:252 Resp: 16449

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	43.0	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.415 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF101335.D
Acq: 12 Dec 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 16449

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	43.0	10.2	15.2#