Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102141.D
Acq On : 17 Jan 2018 6:25
Operator : SJ/JU
Sample : J1117-02DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 17 07:42:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138487	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	454965	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	212588	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	314149	20.00	ng		0.00
75) Chrysene-d12	13.87	240	231827	20.00	ng		0.00
86) Perylene-d12	15.29	264	229692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	181286	18.48	ng		-0.02
7) Phenol-d6	6.34	99	214233	18.31	ng		-0.02
23) Nitrobenzene-d5	7.28	82	131441	16.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	33051	17.82	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	224729	16.51	ng		-0.01
78) Terphenyl-d14	12.82	244	138704	12.42	ng		-0.01
Target Compounds							Qvalue
22) Acetophenone	7.12	105	77391	7.060	ng	#	56
25) Isophorone	7.53	82	36200	2.366	ng	#	1
35) Caprolactam	8.47	113	5873	2.770	ng	#	1
37) 2-Methylnaphthalene	8.72	142	178751	11.944	ng		99
45) 1,1'-Biphenyl	9.18	154	127386	6.779	ng		95
53) 2,4-Dinitrophenol	9.83	184	536	9.025	ng	#	1
55) 4-Nitrophenol	9.87	139	29820	9.307	ng	#	52
56) 2,4-Dinitrotoluene	9.96	165	26226	6.142	ng	#	53
57) Fluorene	10.30	166	67995	5.106	ng	#	65
64) 4,6-Dinitro-2-methylphenol	10.37	198	2137	6.767	ng	#	1
65) n-Nitrosodiphenylamine	10.42	169	110700	9.410	ng	#	44
70) Phenanthrene	11.27	178	228738	12.465	ng		98
71) Anthracene	11.27	178	228738	12.291	ng		96
77) Pyrene	12.68	202	80228	3.915	ng		96
82) Chrysene	13.90	228	38349	2.486	ng	#	72

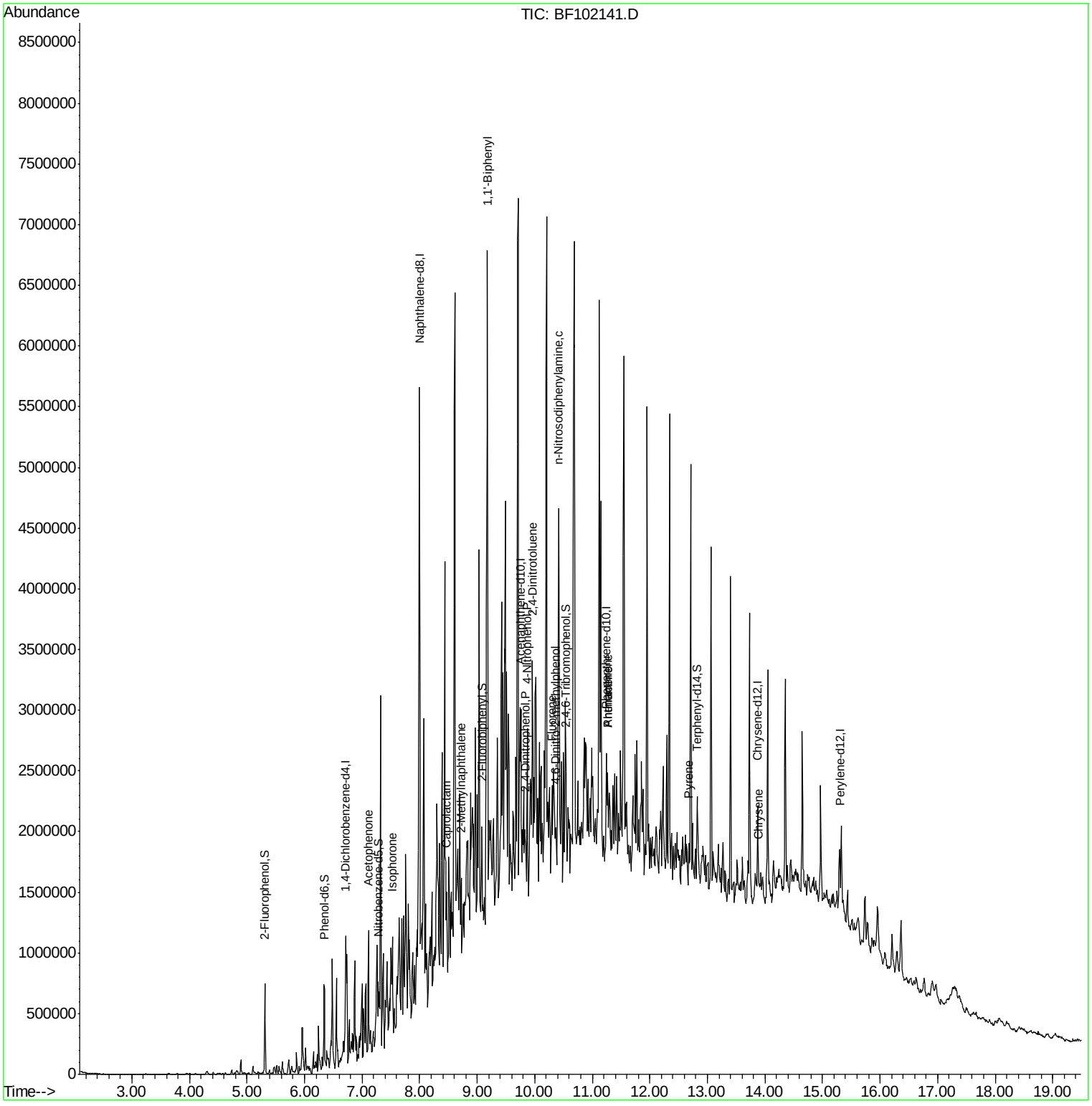
(#) = qualifier out of range (m) = manual integration (+) = signals summed

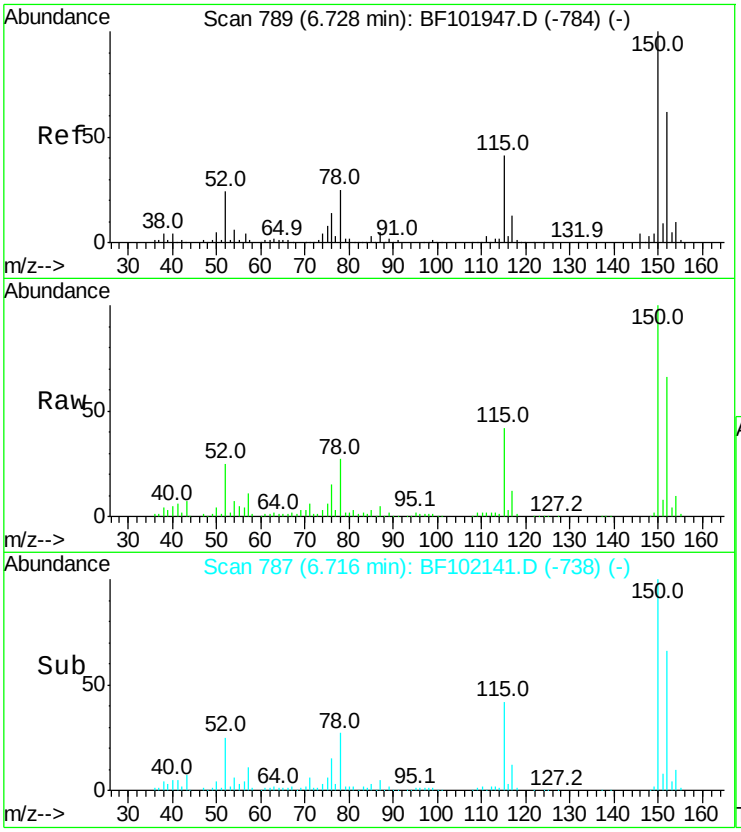
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102141.D
Acq On : 17 Jan 2018 6:25
Operator : SJ/JU
Sample : J1117-02DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 17 07:42:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



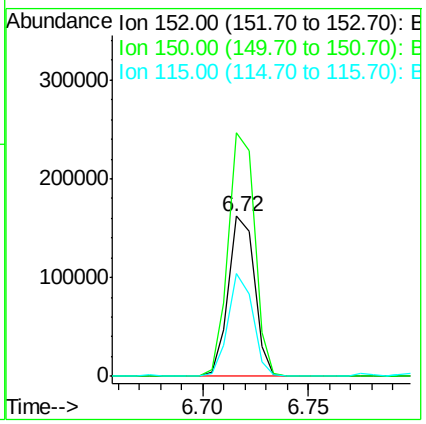


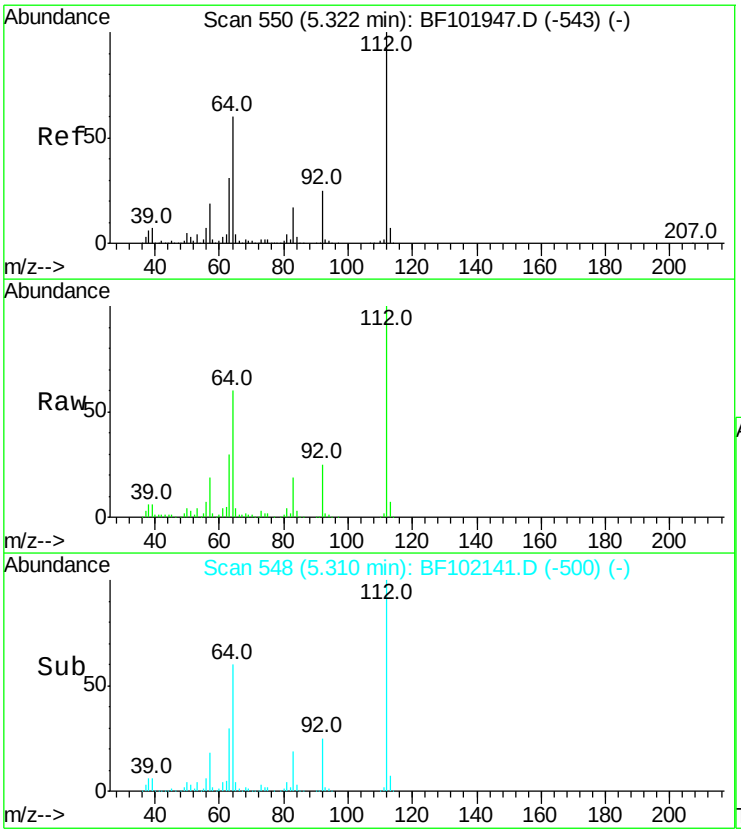
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 138487

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	63.9	50.1	75.1

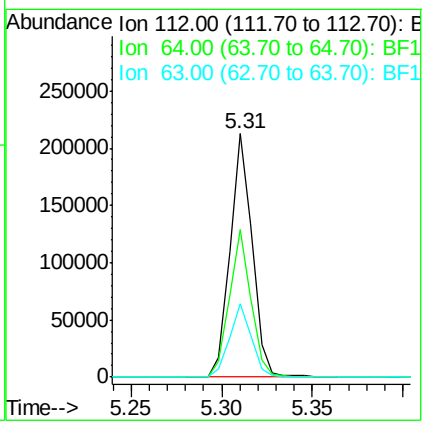


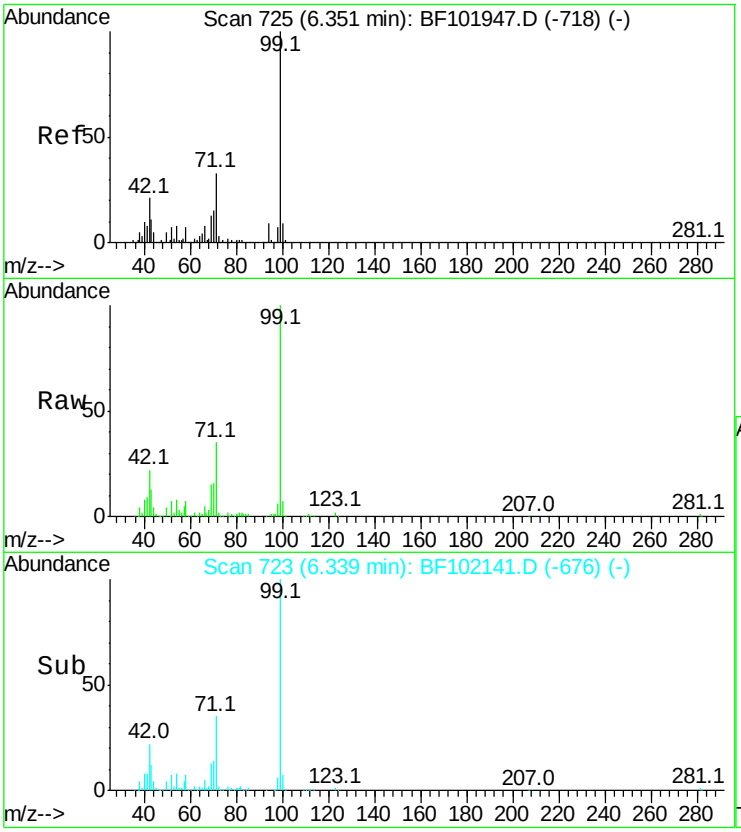


#5
2-Fluorophenol
Concen: 18.485 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:112 Resp: 181286

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.3	23.7	35.5



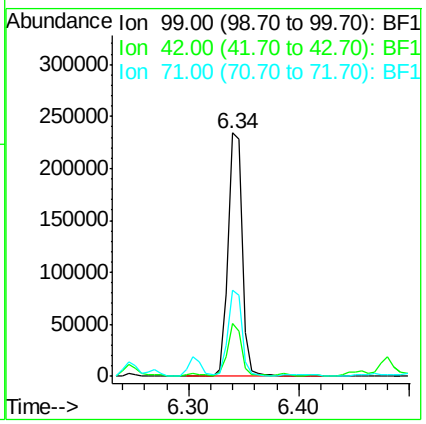


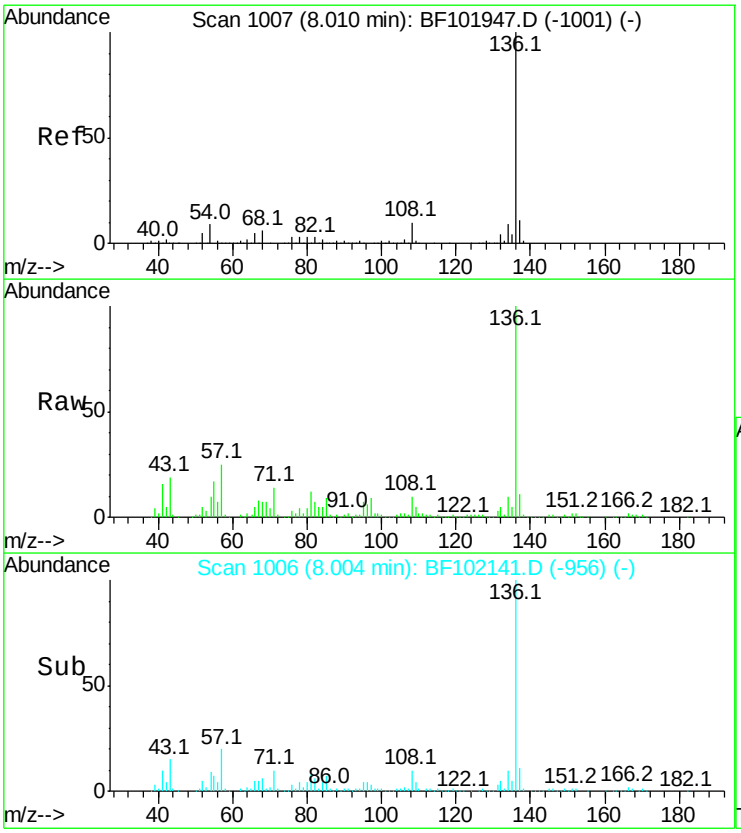
#7
Phenol-d6
Concen: 18.309 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 214233

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	35.3	25.4	38.0

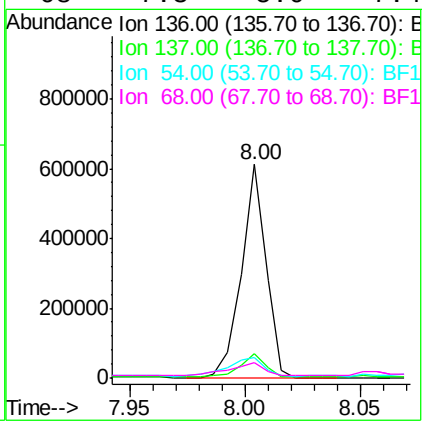


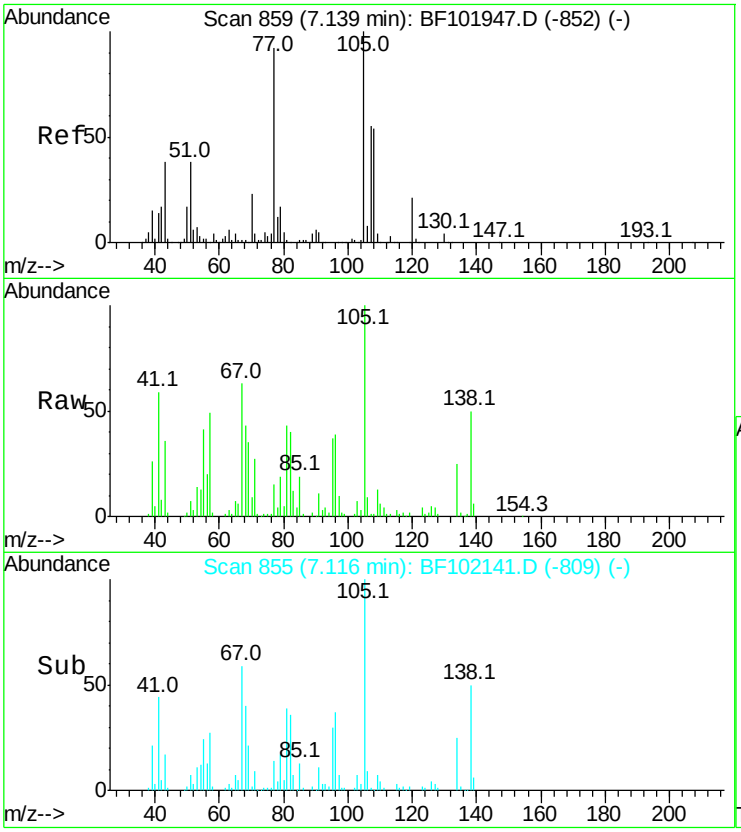


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:136 Resp: 454965

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	7.3	5.0	7.4



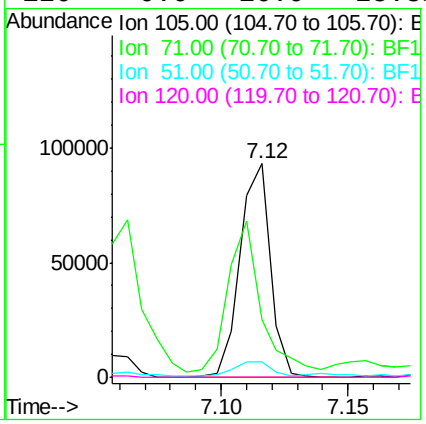


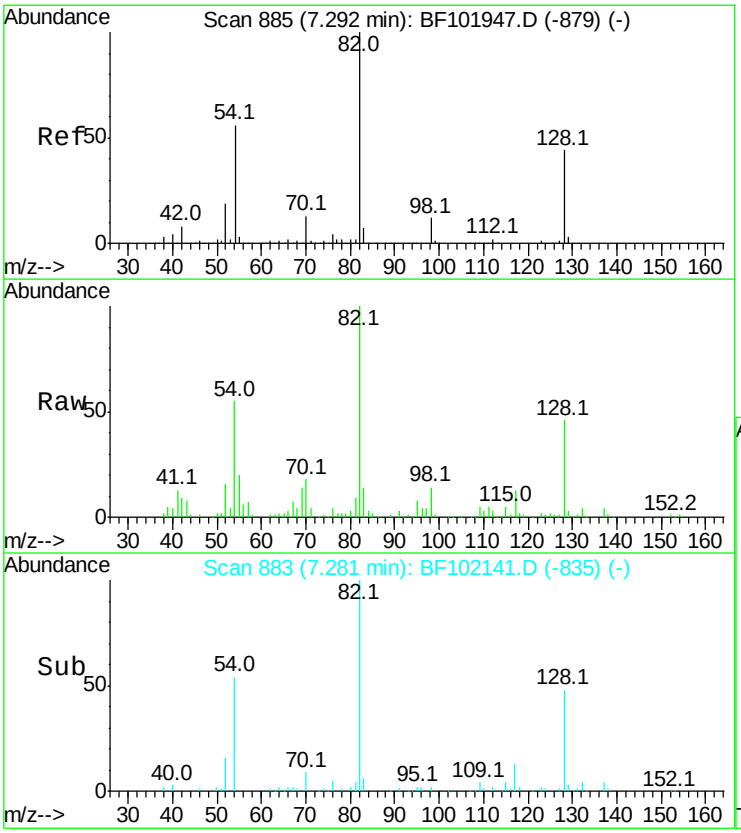
#22
Acetophenone
Concen: 7.060 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 77391

Ion	Ratio	Lower	Upper
105	100		
71	26.9	4.4	6.6#
51	7.4	22.3	33.5#
120	0.0	16.9	25.3#

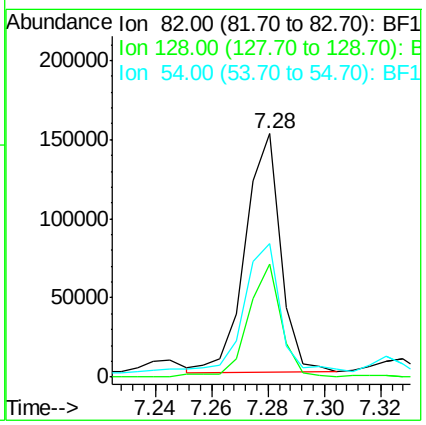


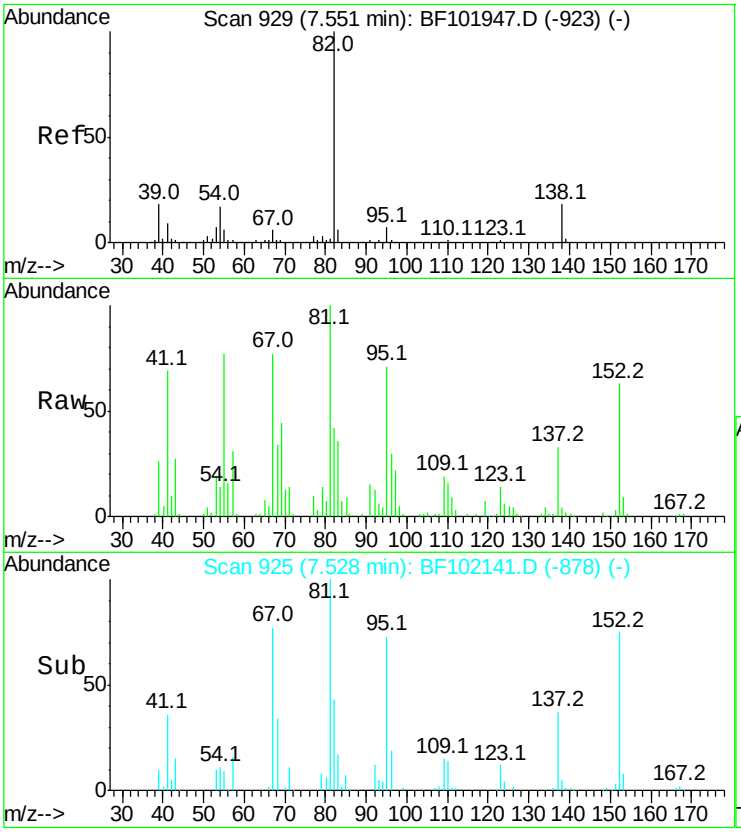


#23
Nitrobenzene-d5
Concen: 16.977 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion: 82 Resp: 131441

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	54.7	41.4	62.2



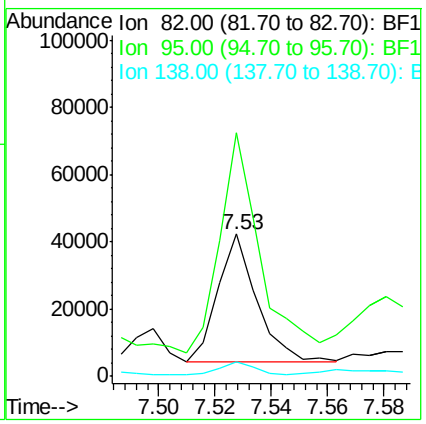


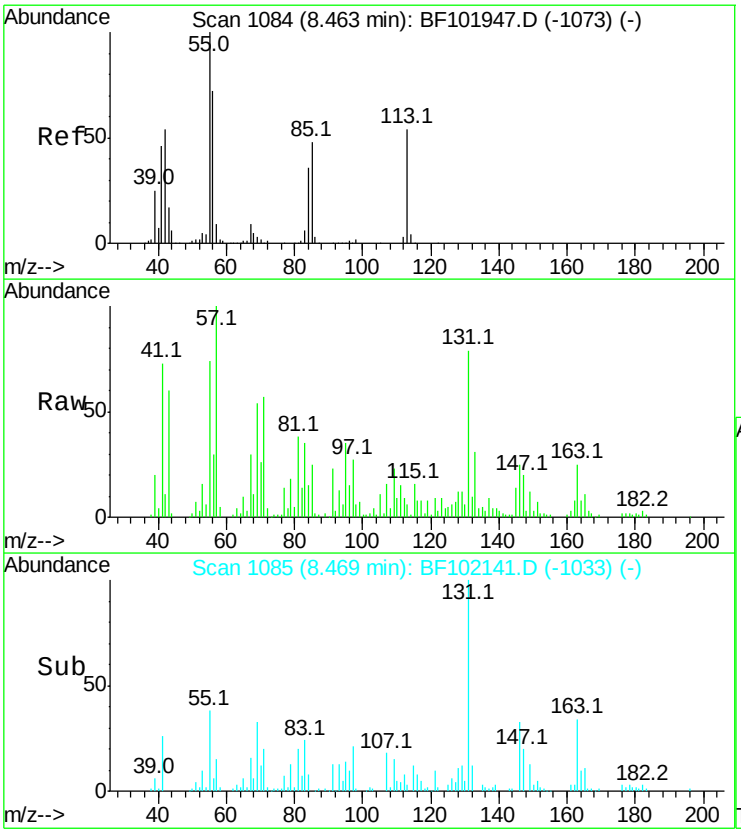
#25
Isophorone
Concen: 2.366 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 36200

Ion	Ratio	Lower	Upper
82	100		
95	171.2	5.2	7.8#
138	9.9	14.9	22.3#

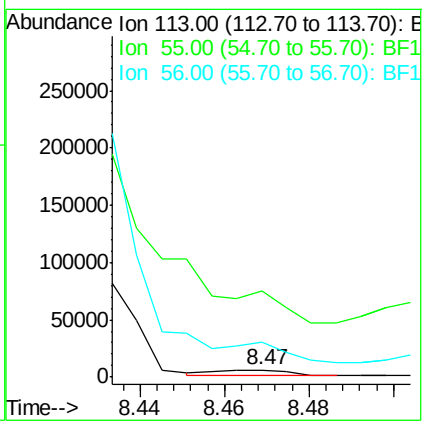


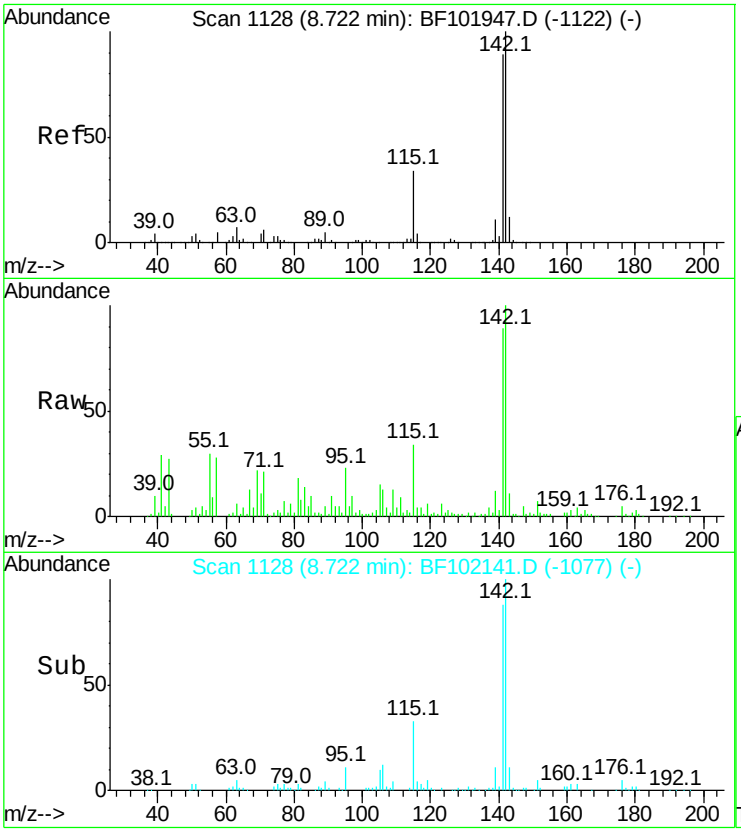


#35
Caprolactam
Concen: 2.770 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:113 Resp: 5873

Ion	Ratio	Lower	Upper
113	100		
55	1217.6	163.3	203.3#
56	498.6	115.7	155.7#



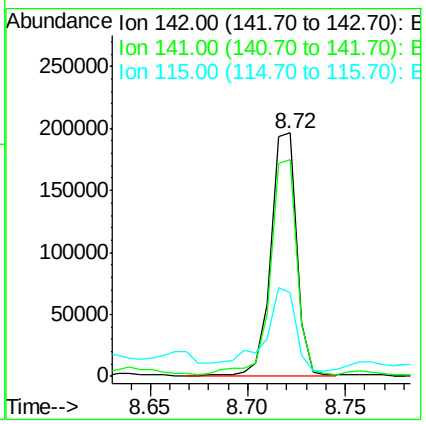


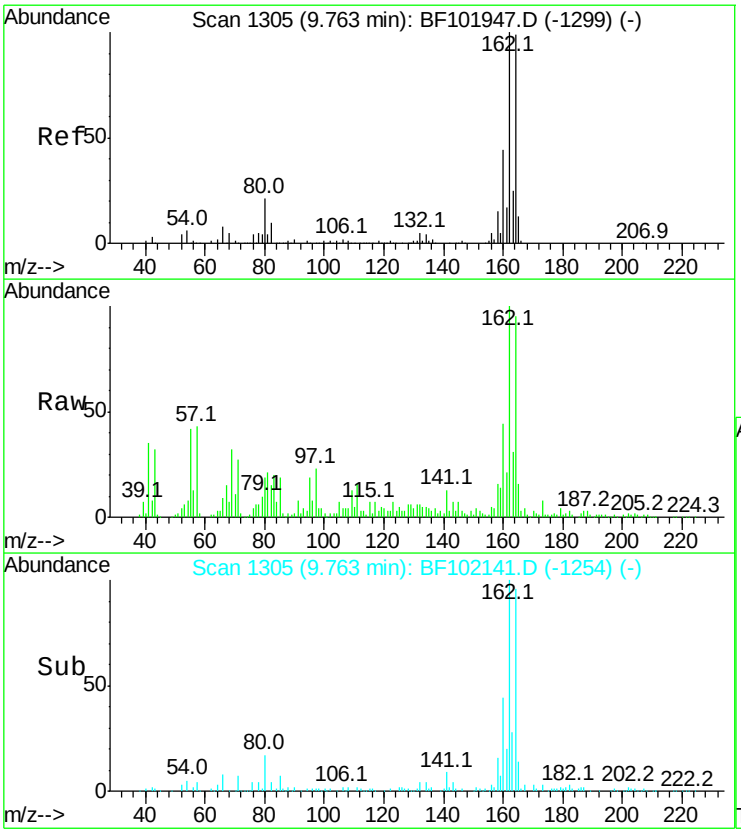
#37
2-Methylnaphthalene
Concen: 11.944 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 178751

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	34.3	26.1	39.1

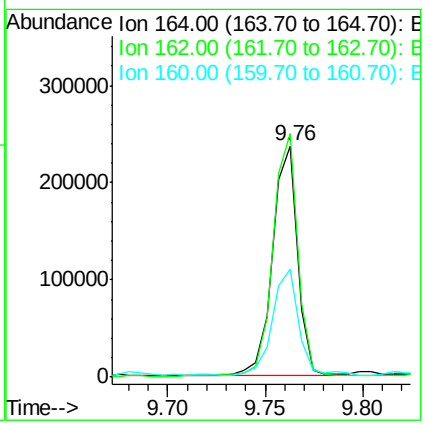


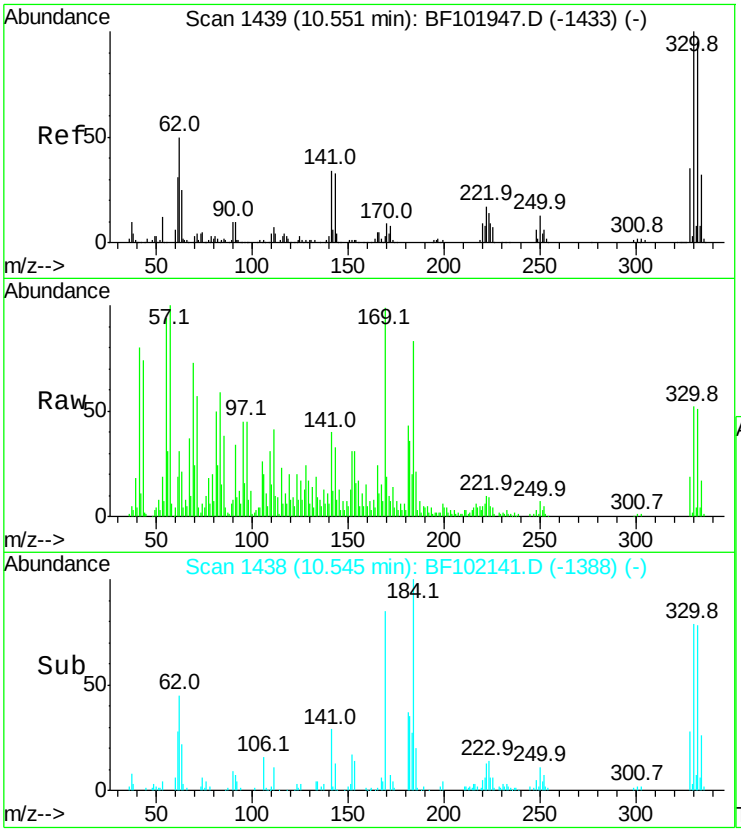


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:164 Resp: 212588

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.4	38.3	57.5



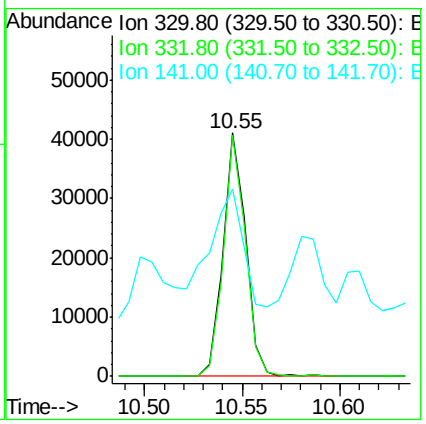


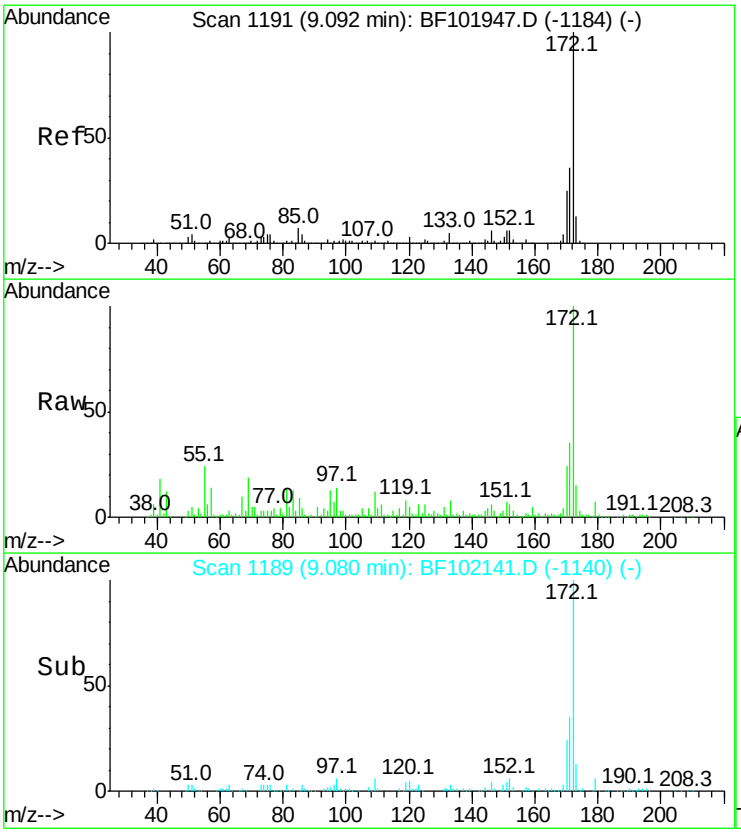
#41
2,4,6-Tribromophenol
Concen: 17.815 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 33051

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	67.2	29.9	44.9#

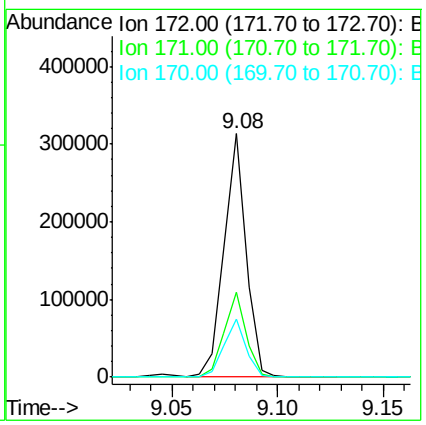


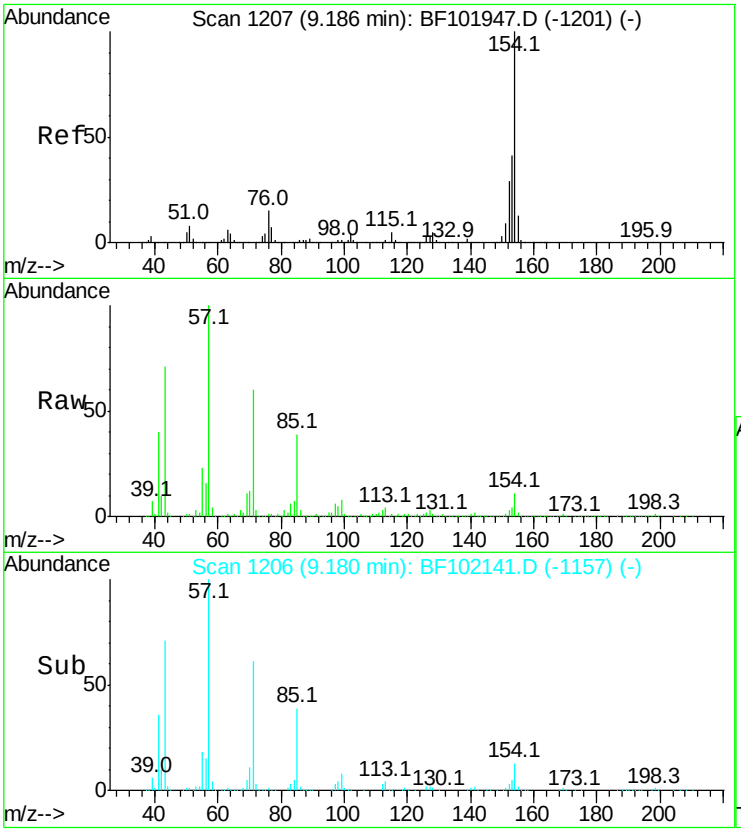


#44
2-Fluorobiphenyl
Concen: 16.515 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:172 Resp: 224729

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.7	19.6	29.4



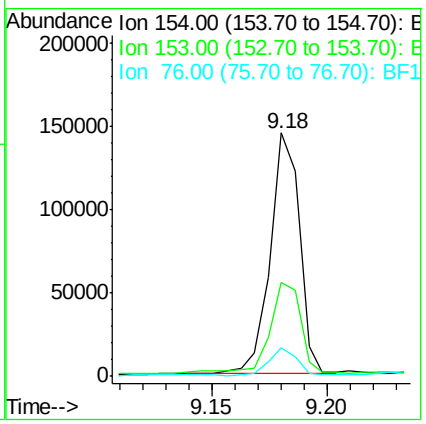


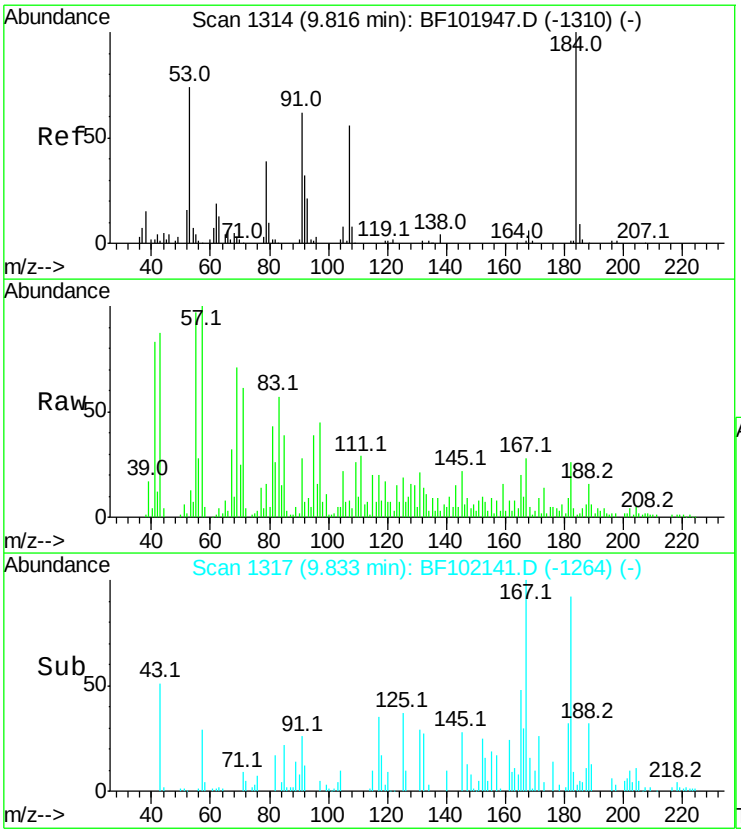
#45
1,1'-Biphenyl
Concen: 6.779 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 127386

Ion	Ratio	Lower	Upper
154	100		
153	38.6	21.3	61.3
76	11.7	0.0	34.0

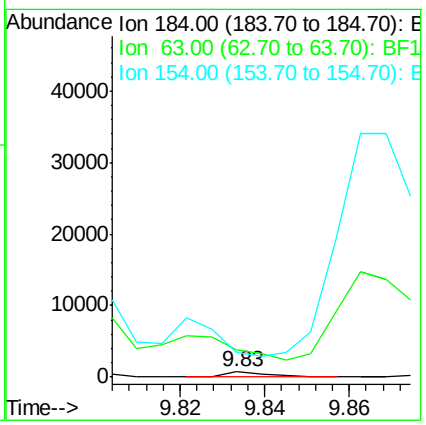


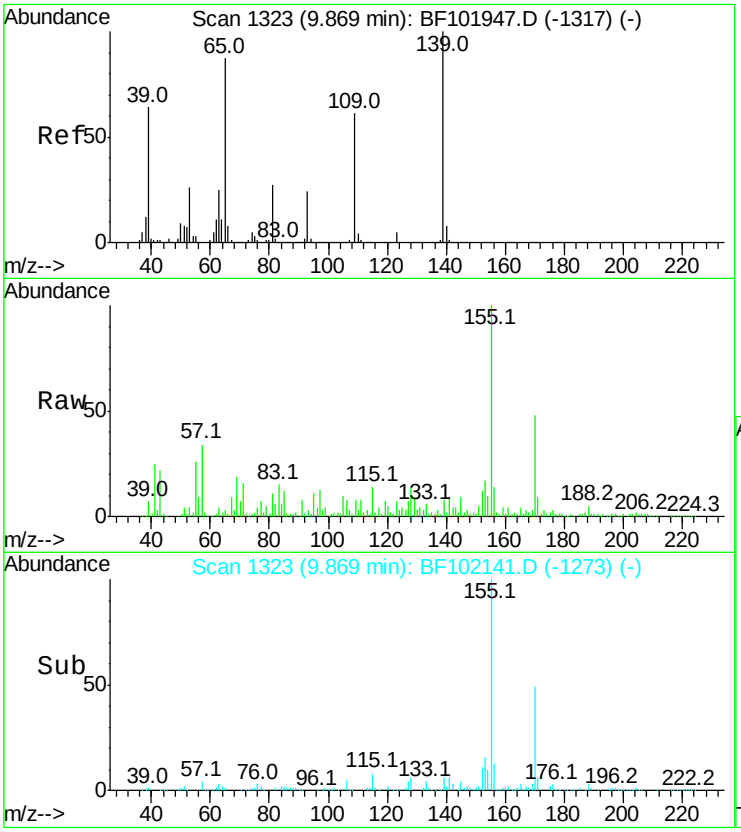


#53
2,4-Dinitrophenol
Concen: 9.025 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:184 Resp: 536

Ion	Ratio	Lower	Upper
184	100		
63	519.7	54.2	81.2#
154	460.4	184.0	276.0#



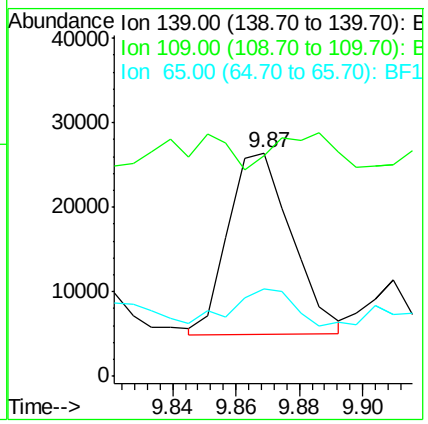


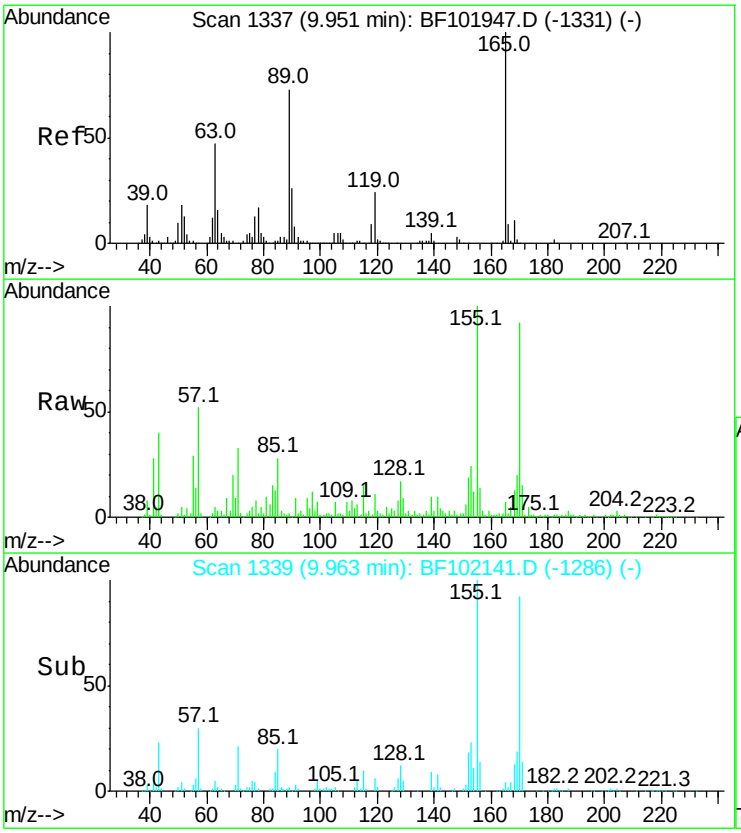
#55
4-Nitrophenol
Concen: 9.307 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 29820

Ion	Ratio	Lower	Upper
139	100		
109	99.1	48.4	88.4#
65	39.0	72.6	112.6#

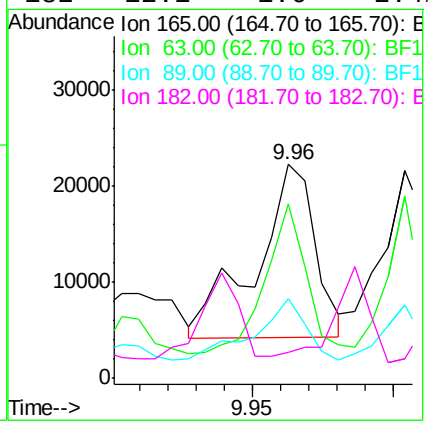


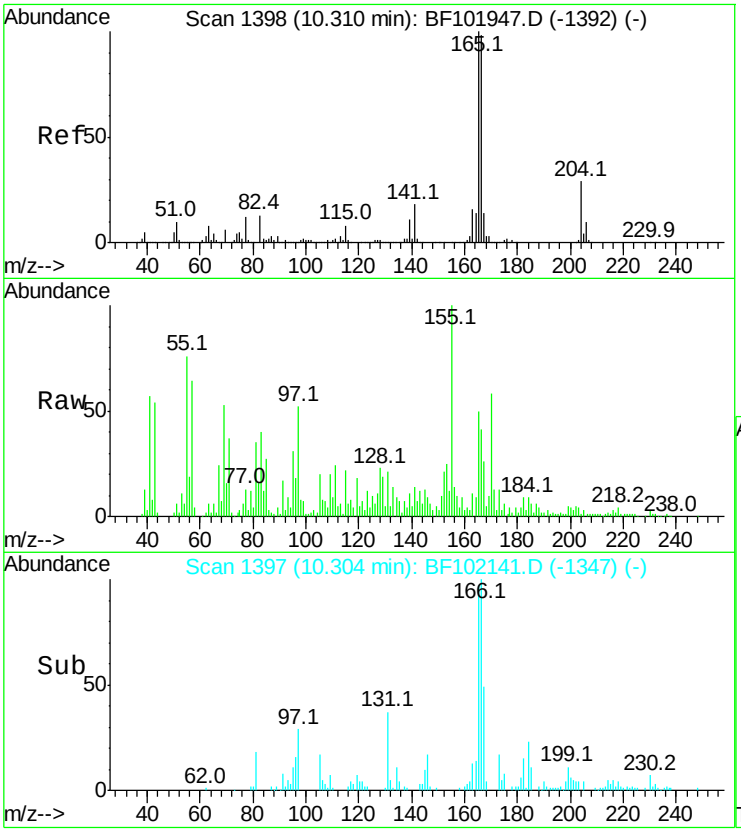


#56
2,4-Dinitrotoluene
Concen: 6.142 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:165 Resp: 26226

Ion	Ratio	Lower	Upper
165	100		
63	81.4	36.4	54.6#
89	37.2	57.8	86.6#
182	12.1	1.6	2.4#



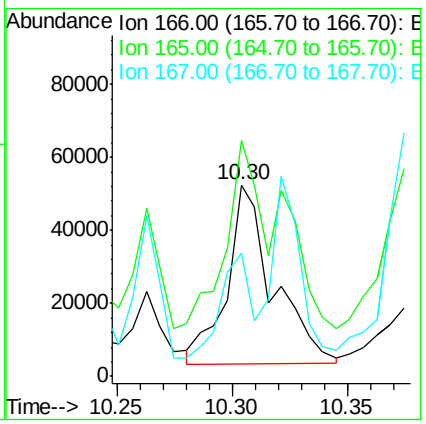


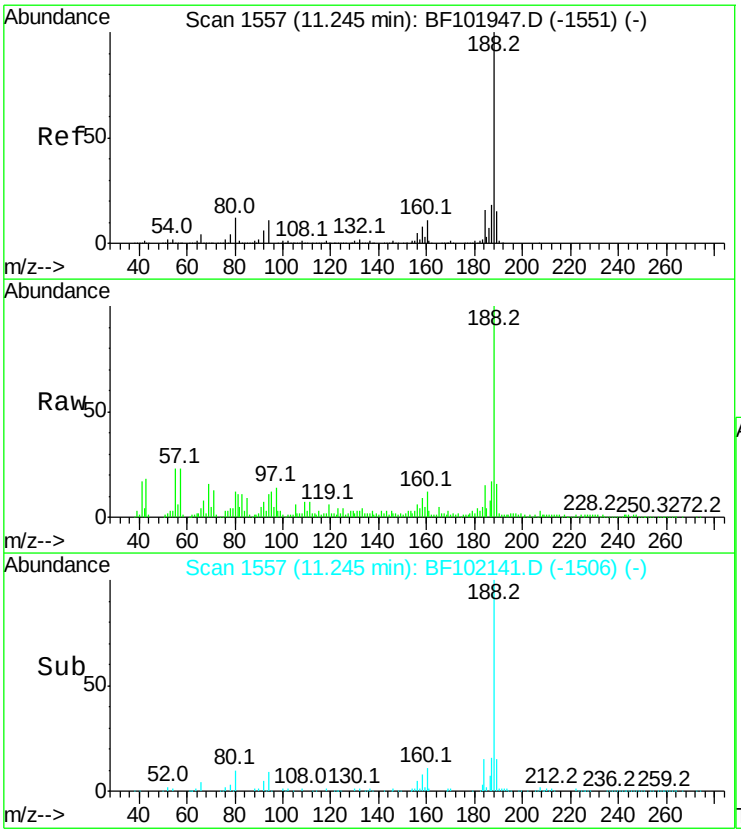
#57
Fluorene
Concen: 5.106 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 67995

Ion	Ratio	Lower	Upper
166	100		
165	122.8	79.8	119.8#
167	64.4	10.6	16.0#

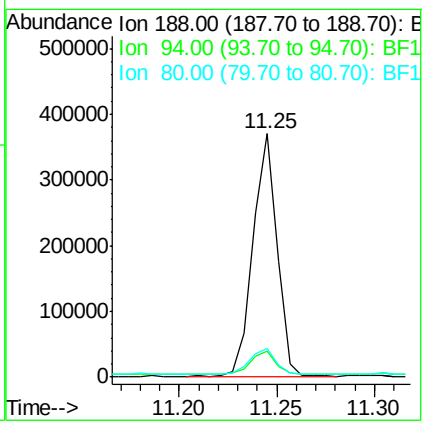


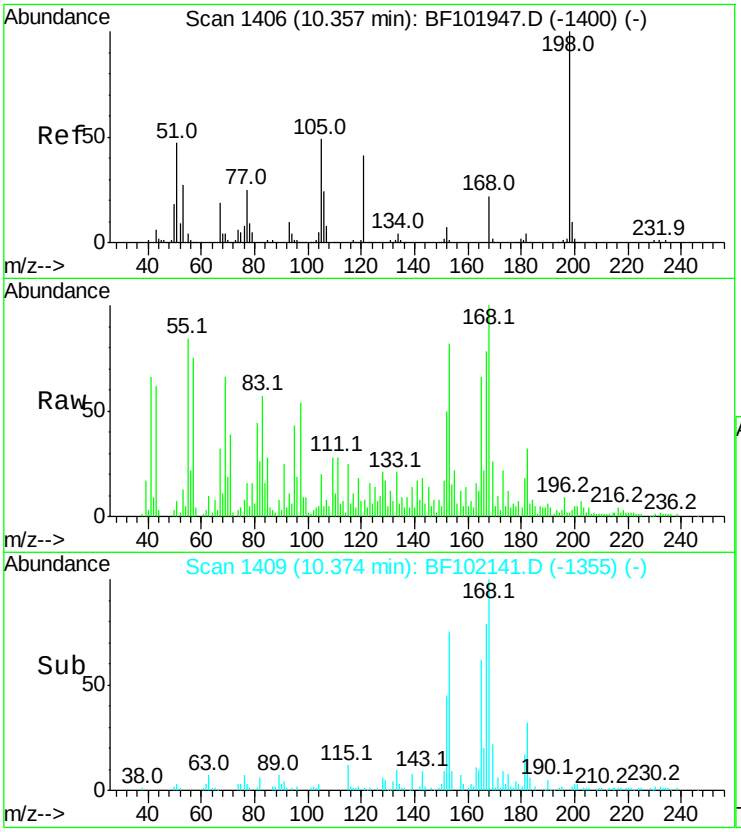


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:188 Resp: 314149

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8



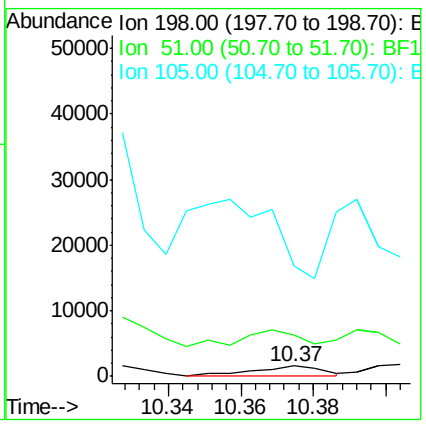


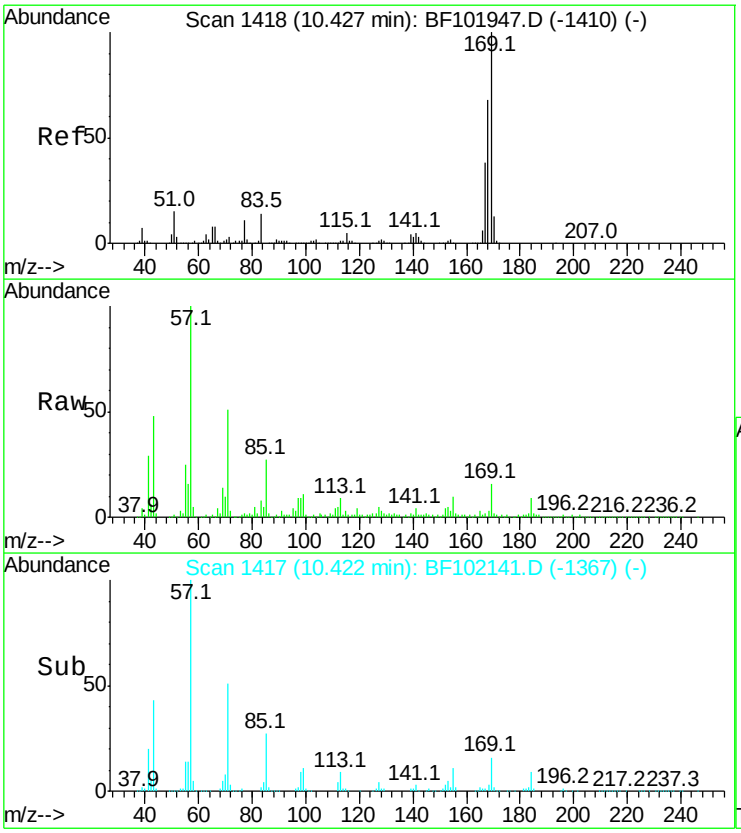
#64
4,6-Dinitro-2-methylphenol
Concen: 6.767 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 2137

Ion	Ratio	Lower	Upper
198	100		
51	400.0	37.7	77.7#
105	1087.6	36.3	76.3#

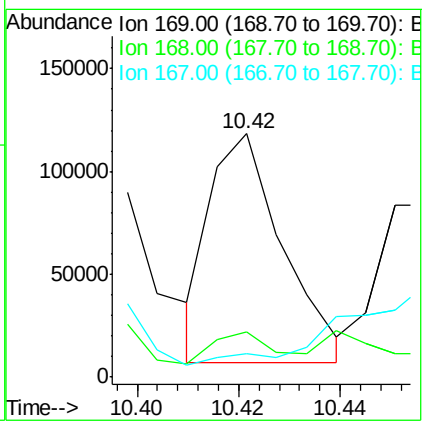


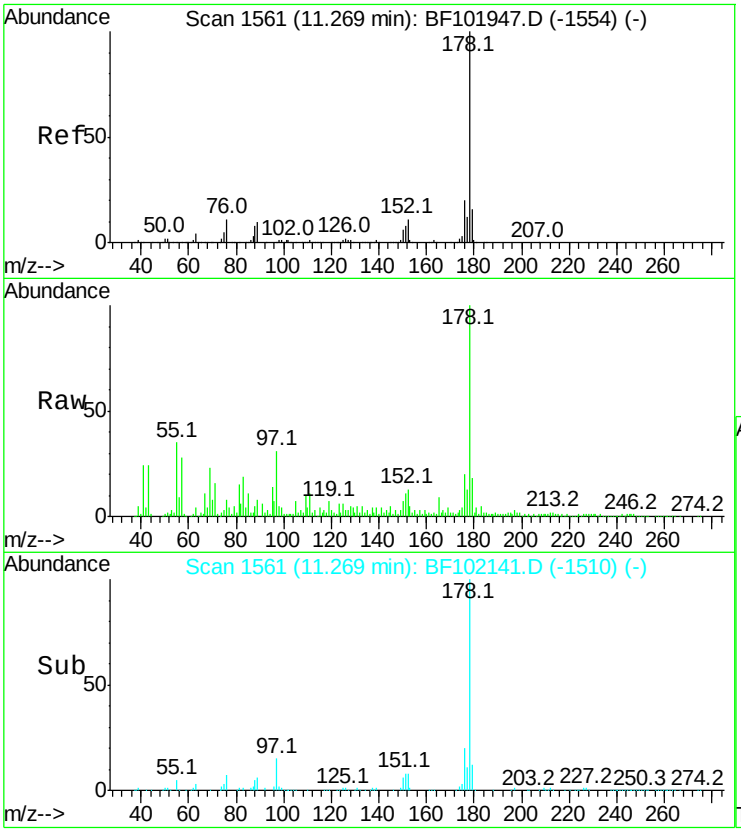


#65
n-Nitrosodiphenylamine
Concen: 9.410 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:169 Resp: 110700

Ion	Ratio	Lower	Upper
169	100		
168	18.5	54.4	81.6#
167	9.9	29.8	44.6#



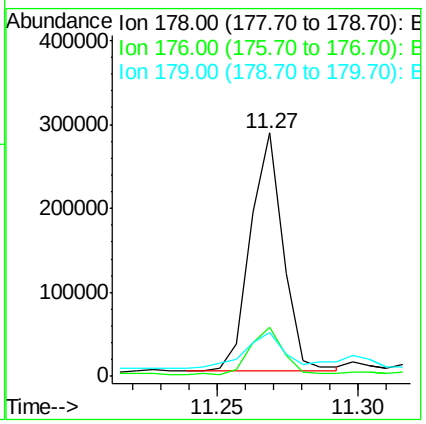


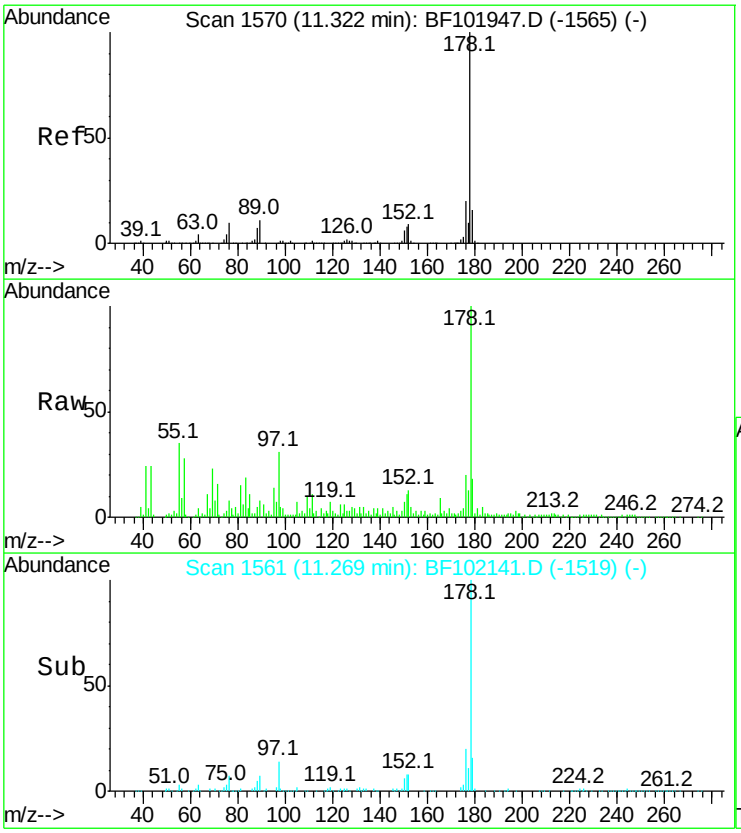
#70
Phenanthrene
Concen: 12.465 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 228738

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.2	13.0	19.6

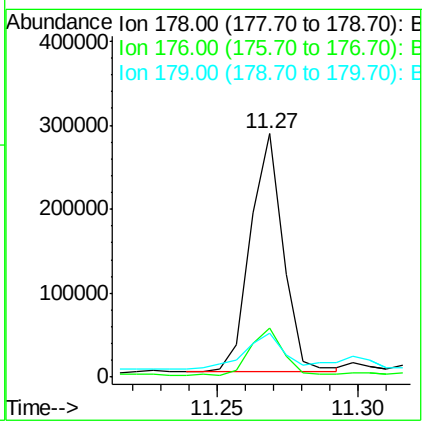


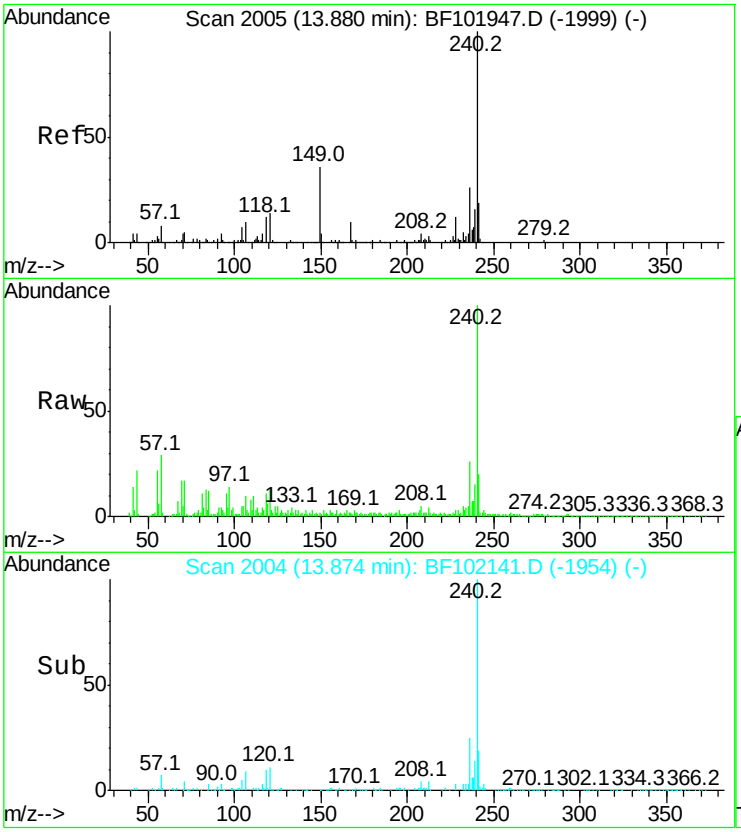


#71
Anthracene
Concen: 12.291 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.05 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:178 Resp: 228738

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	18.2	12.6	19.0



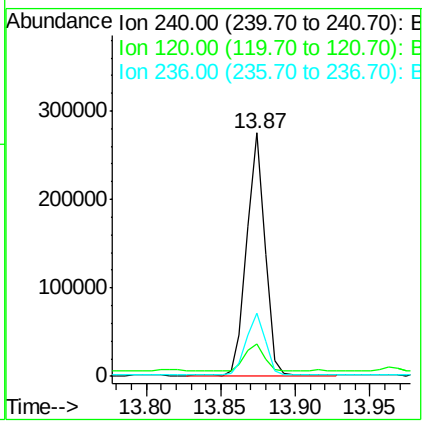


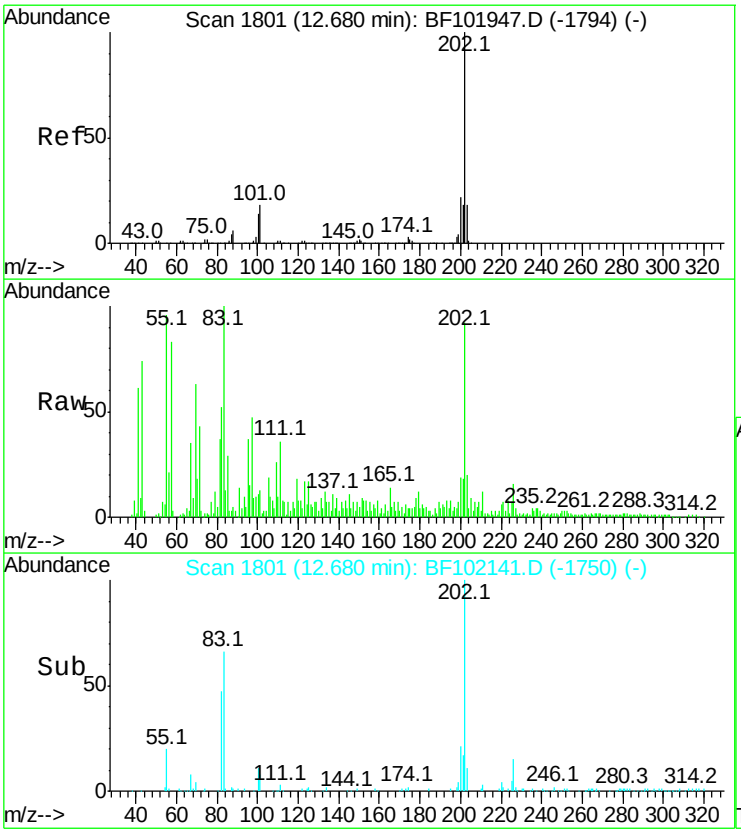
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 231827

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.0	20.7	31.1

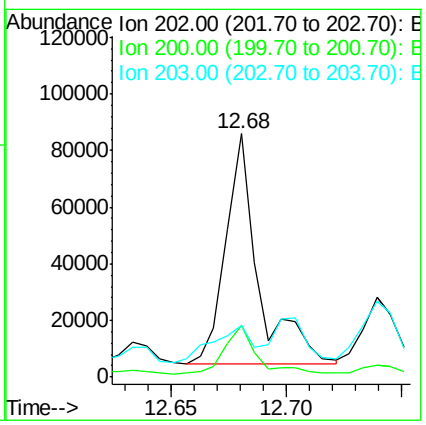


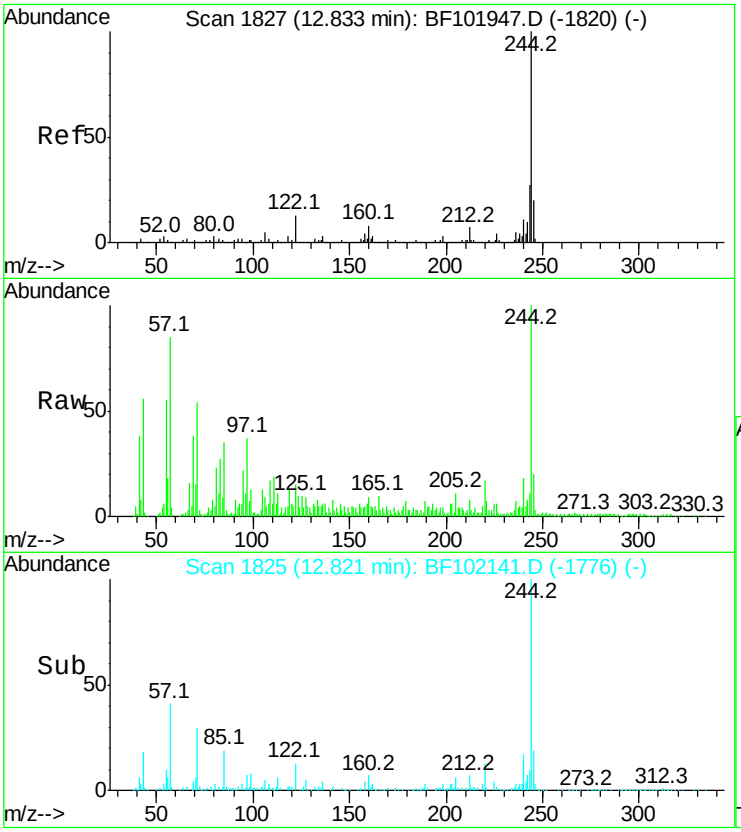


#77
Pyrene
Concen: 3.915 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:202 Resp: 80228

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	21.2	14.3	21.5



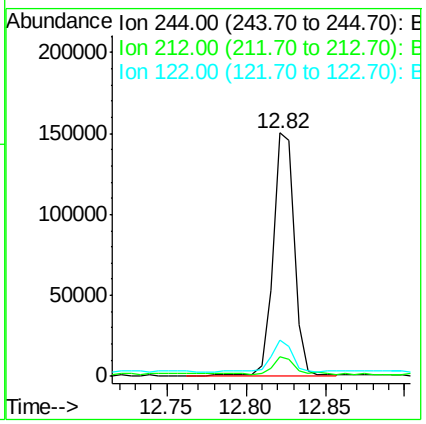


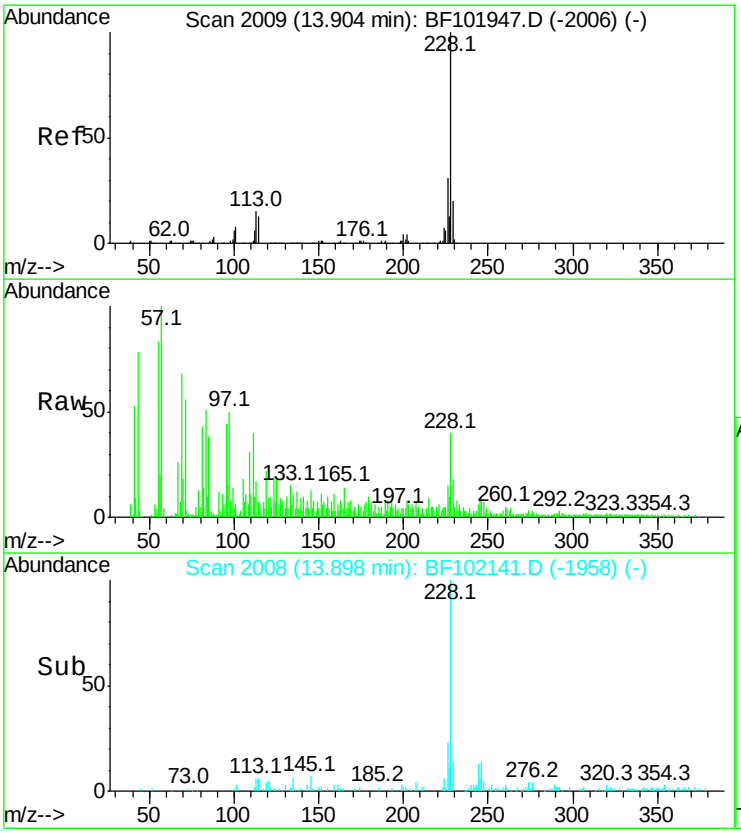
#78
Terphenyl-d14
Concen: 12.422 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 138704

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	15.1	11.0	16.4

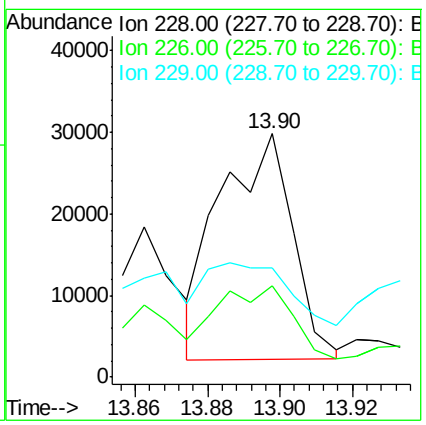


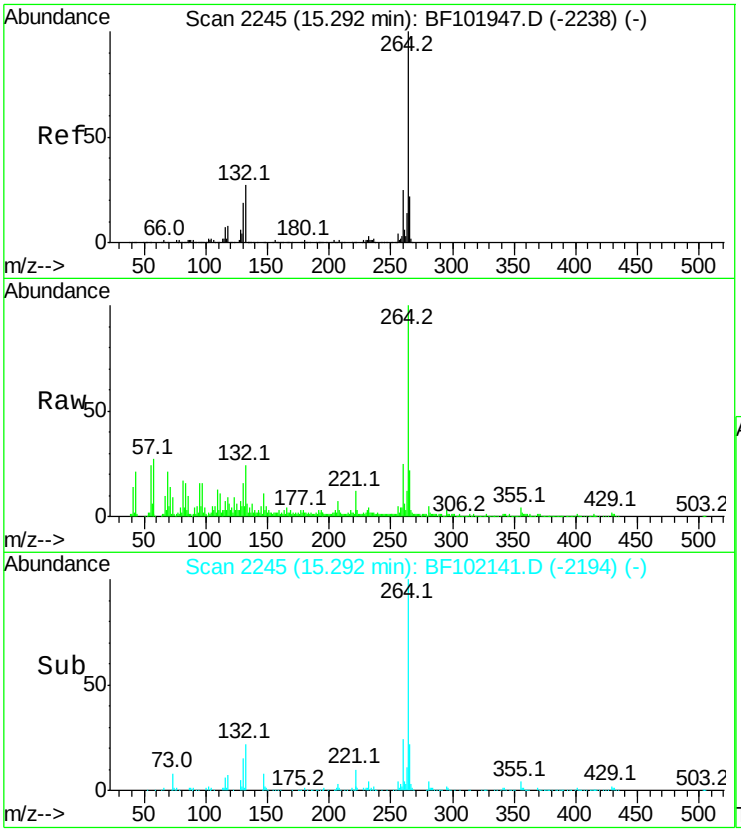


#82
Chrysene
Concen: 2.486 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:228 Resp: 38349

Ion	Ratio	Lower	Upper
228	100		
226	37.7	25.0	37.6#
229	45.0	16.2	24.4#

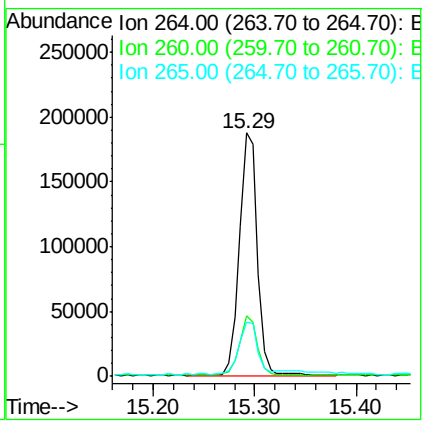




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102141.D
Acq: 17 Jan 2018 6:25

Tgt Ion:264 Resp: 229692

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.4	17.5	26.3



Instrument :
BNA_F
ClientSampleId :