Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106370.D
Acq On : 13 Jun 2018 3:58
Operator : JU/SJ
Sample : J3164-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 04:45:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130213	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	438327	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	192711	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	366921	20.00	ng		0.00
75) Chrysene-d12	14.15	240	369660	20.00	ng		0.00
86) Perylene-d12	15.69	264	263831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	477936	62.12	ng		0.04
7) Phenol-d6	6.64	99	350519	36.06	ng		0.05
23) Nitrobenzene-d5	7.54	82	751222	100.82	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	301851	162.79	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1210700	131.79	ng		0.00
78) Terphenyl-d14	13.09	244	1458843	98.02	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.13	79	18429	2.214	ng	#	36
18) Hexachloroethane	7.51	117	178387	50.665	ng	#	1
24) Nitrobenzene	7.54	77	31363	3.873	ng	#	10
25) Isophorone	7.87	82	53859	3.701	ng	#	66
31) Naphthalene	8.28	128	168476	8.503	ng	#	89
32) Benzoic acid	8.02	122	282	7.341	ng	#	1
35) Caprolactam	8.70	113	4092	2.035	ng	#	1
37) 2-Methylnaphthalene	8.97	142	141743	10.503	ng		97
49) Dimethylphthalate	9.72	163	140562	10.209	ng	#	92
51) Acenaphthene	10.05	154	73137	6.194	ng	#	86
53) 2,4-Dinitrophenol	10.17	184	5348	12.310	ng	#	35
54) Dibenzofuran	10.22	168	122830	7.725	ng	#	95
55) 4-Nitrophenol	10.12	139	15838	6.190	ng	#	57
56) 2,4-Dinitrotoluene	10.21	165	9947	2.817	ng	#	49
57) Fluorene	10.57	166	131985	10.477	ng	#	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	889	6.685	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	41477	3.363	ng	#	48
66) 4-Bromophenyl-phenylether	10.81	248	19176	4.595	ng	#	1
70) Phenanthrene	11.53	178	182500	10.156	ng		100
71) Anthracene	11.53	178	182500	10.138	ng		99
72) Carbazole	11.74	167	76203	4.585	ng		98
73) Di-n-butylphthalate	12.05	149	85909	4.644	ng		98

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

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ALS Vial : 33 Sample Multiplier: 1

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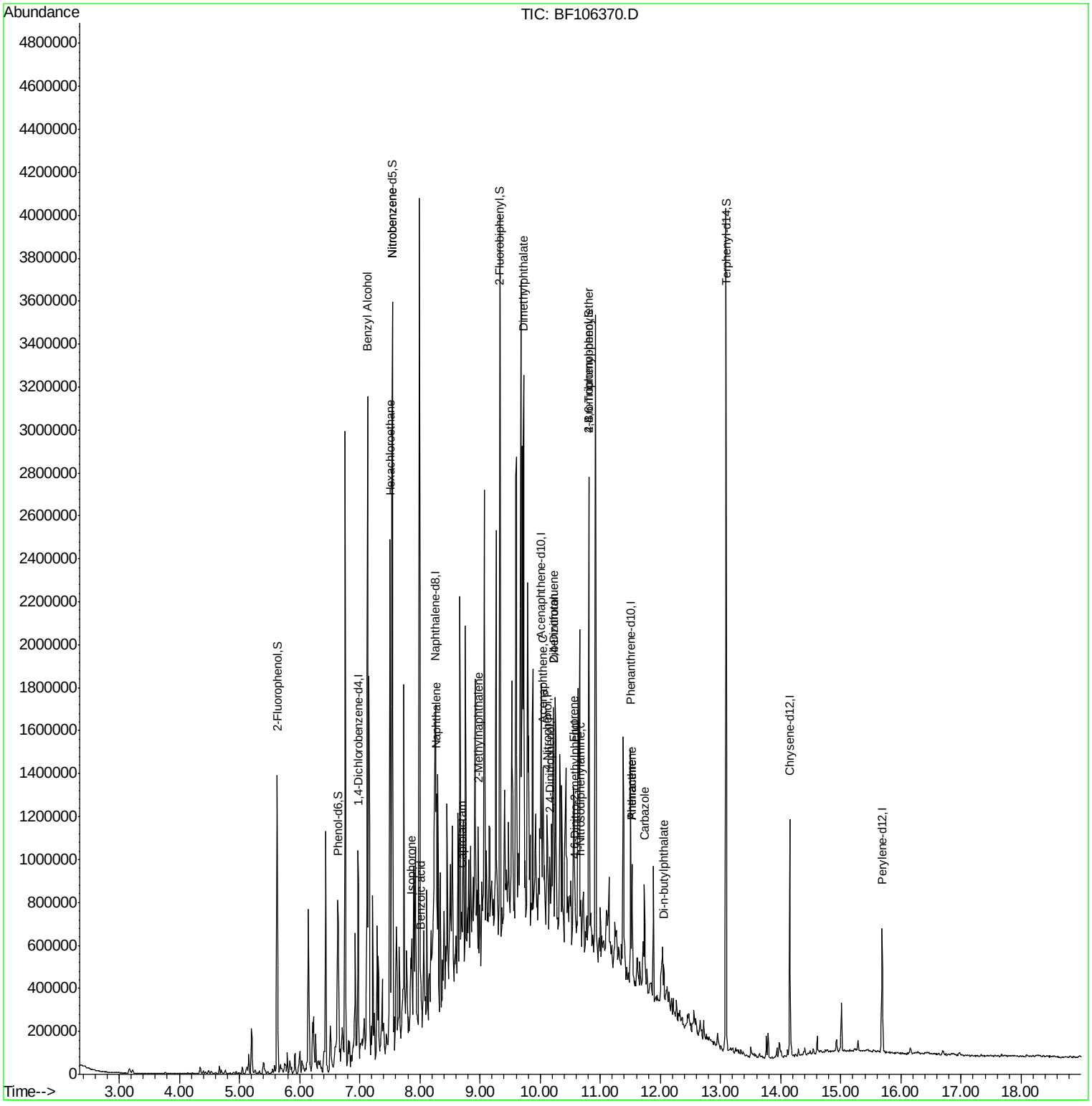
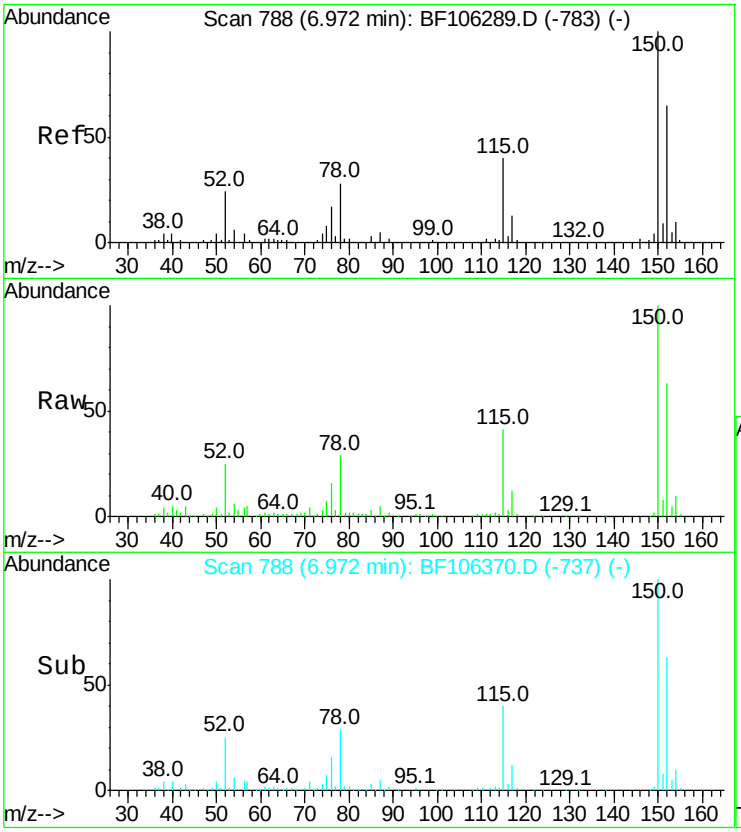


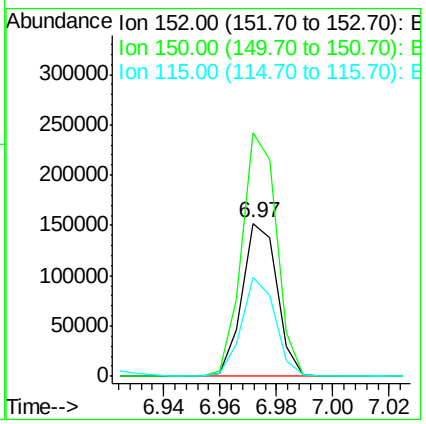


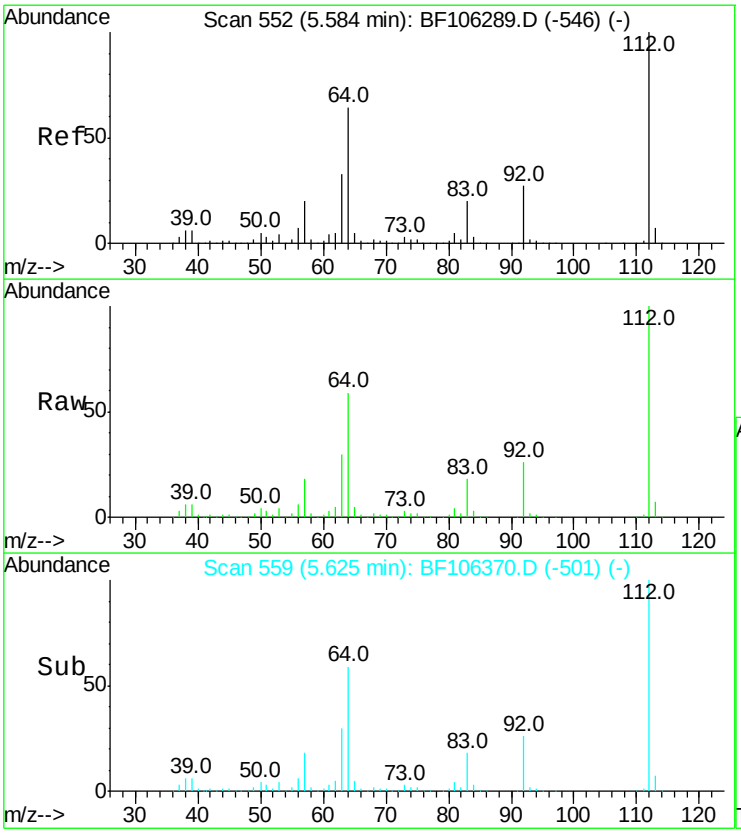
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130213

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	64.9	50.1	75.1

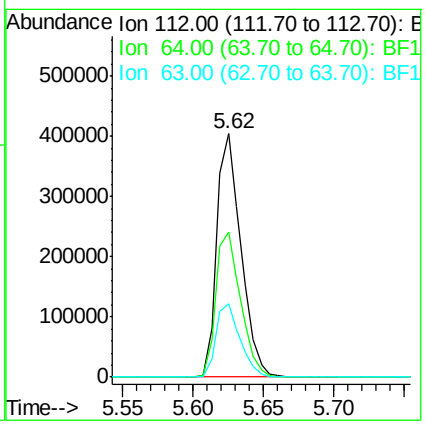


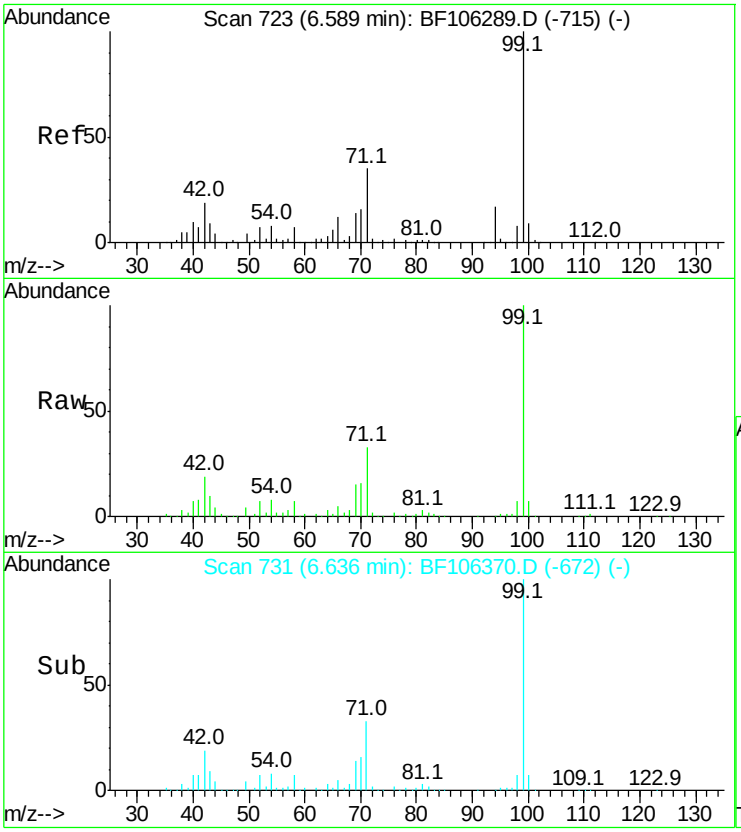


#5
2-Fluorophenol
Concen: 62.122 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:112 Resp: 477936

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.3	23.7	35.5



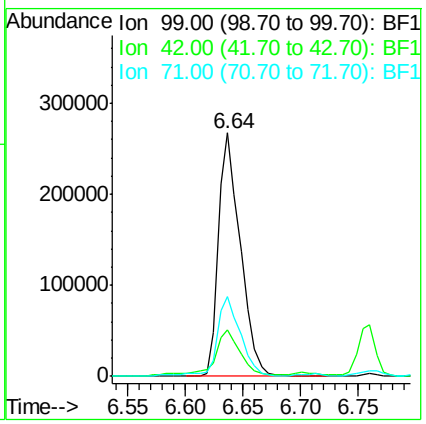


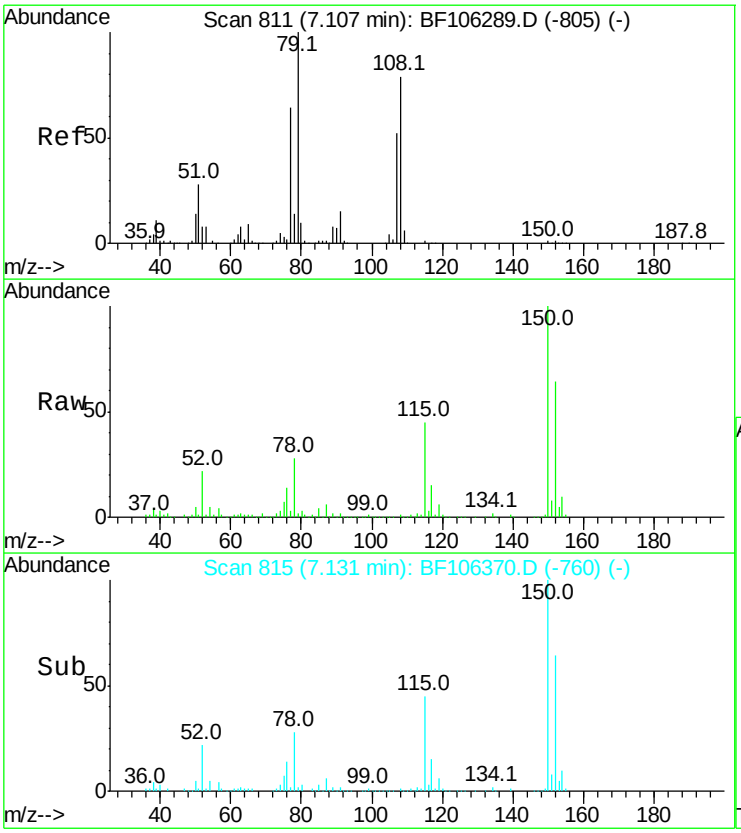
#7
Phenol-d6
Concen: 36.061 ng
RT: 6.64 min Scan# 731
Delta R.T. 0.05 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 350519

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.9	25.4	38.0

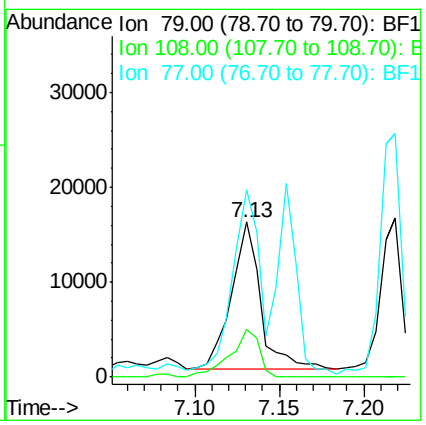


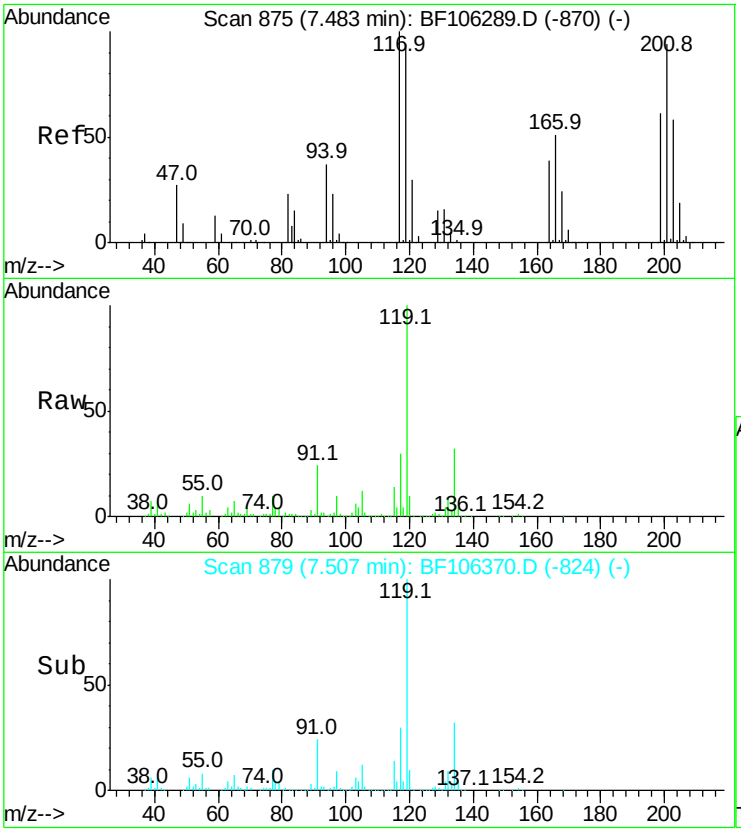


#15
Benzyl Alcohol
Concen: 2.214 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion: 79 Resp: 18429

Ion	Ratio	Lower	Upper
79	100		
108	31.0	65.1	97.7#
77	121.1	50.6	75.8#



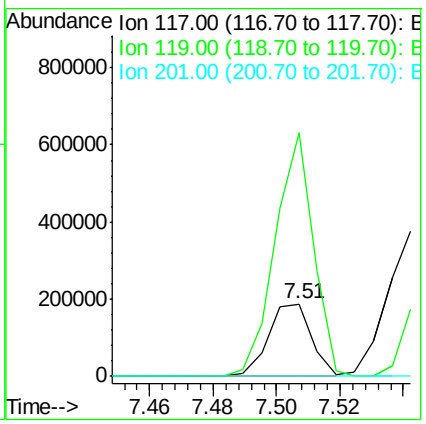


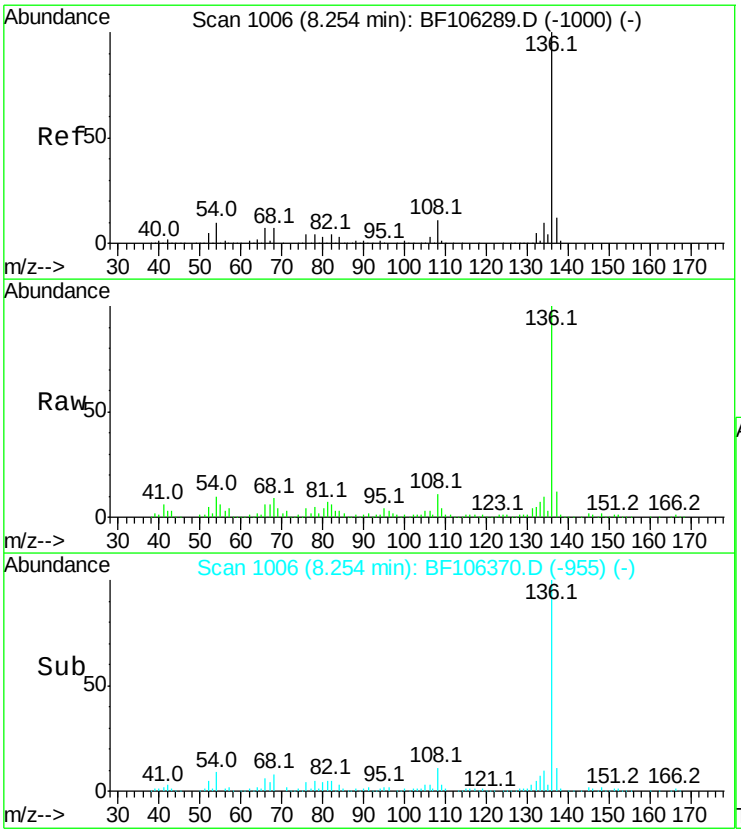
#18
Hexachloroethane
Concen: 50.665 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.02 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 178387

Ion	Ratio	Lower	Upper
117	100		
119	337.1	75.8	113.8#
201	0.0	75.7	113.5#

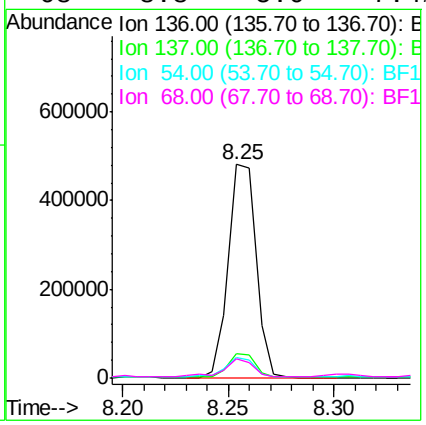


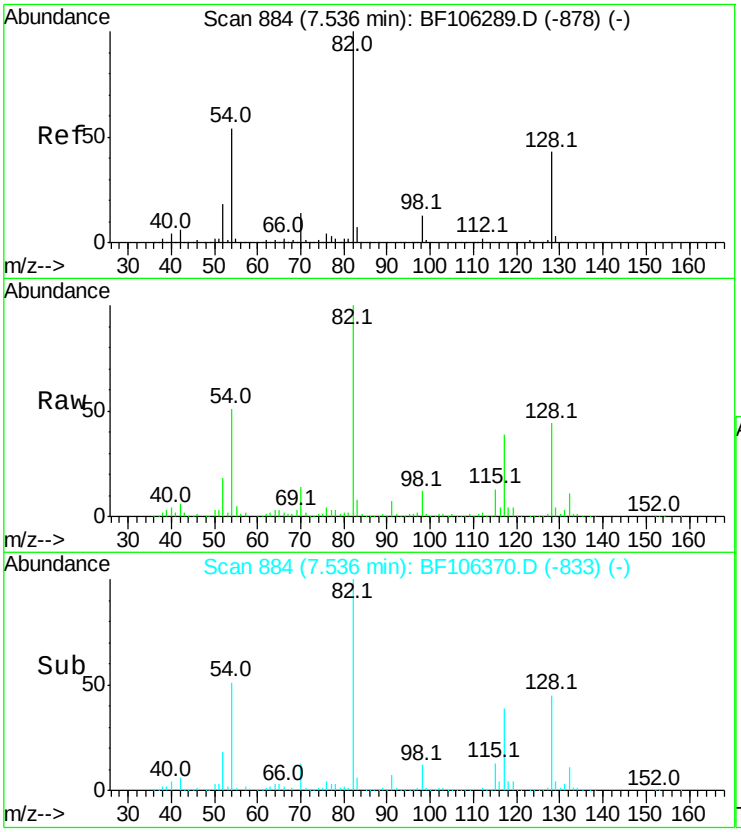


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:136 Resp: 438327

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.9	6.6	9.8#
68	8.8	5.0	7.4#



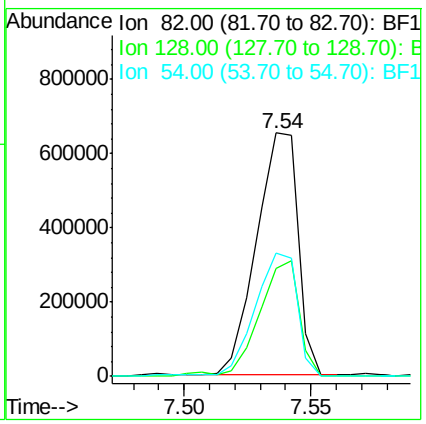


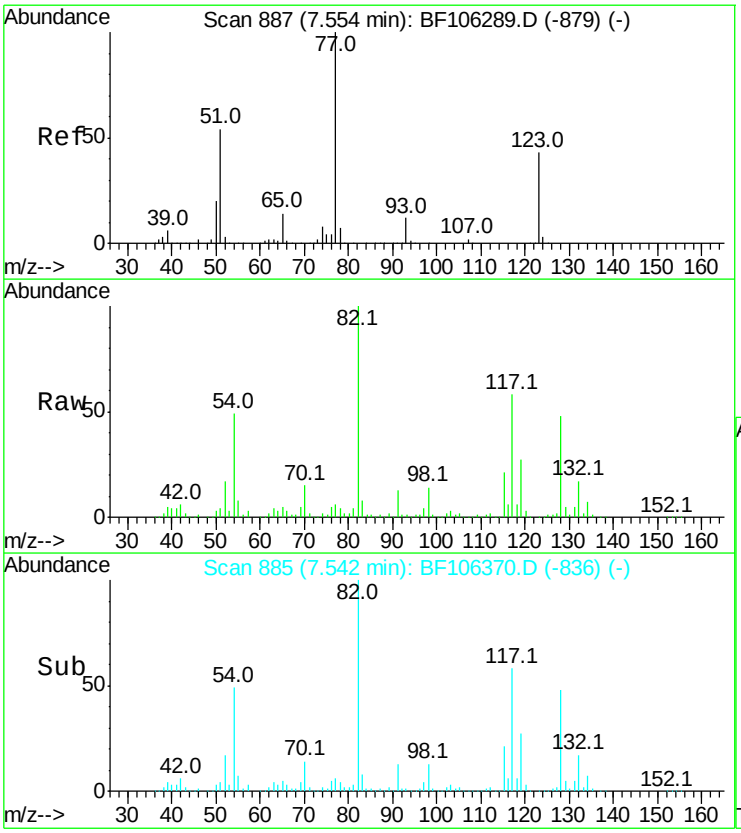
#23
Nitrobenzene-d5
Concen: 100.823 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 751222

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	50.9	41.4	62.2

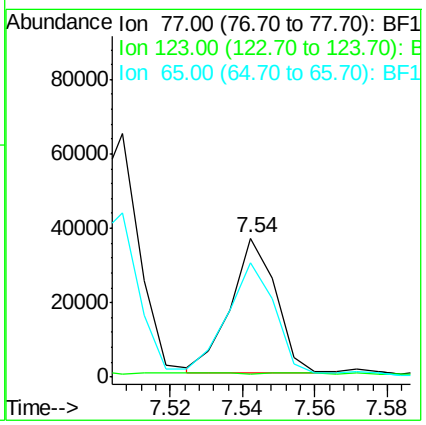


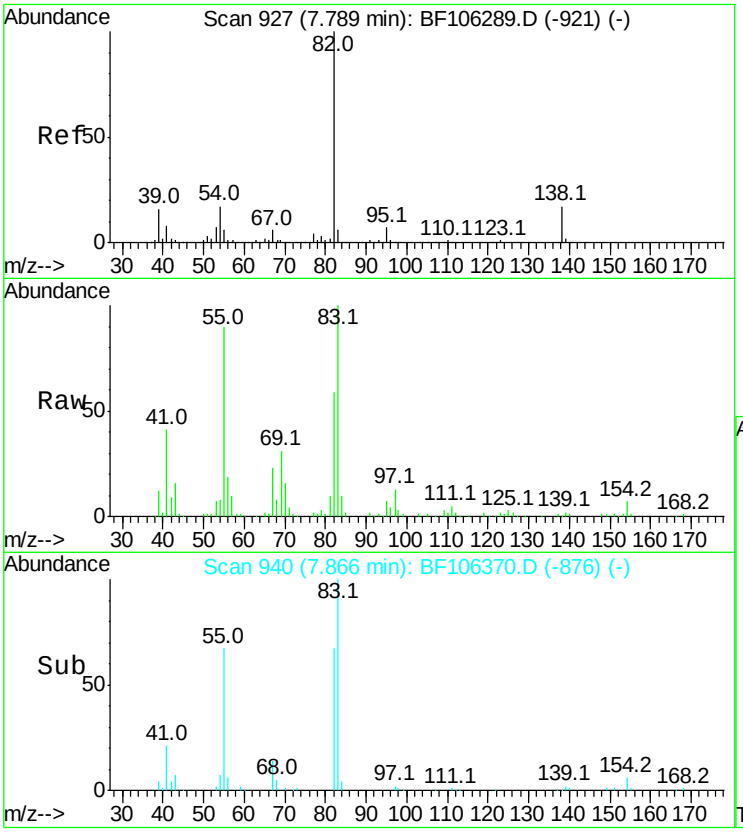


#24
Nitrobenzene
Concen: 3.873 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion: 77 Resp: 31363

Ion	Ratio	Lower	Upper
77	100		
123	2.5	37.9	56.9#
65	82.4	11.0	16.4#



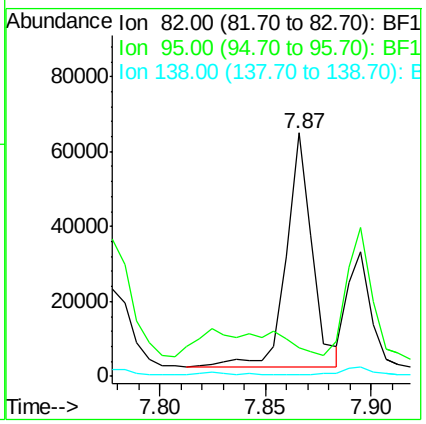


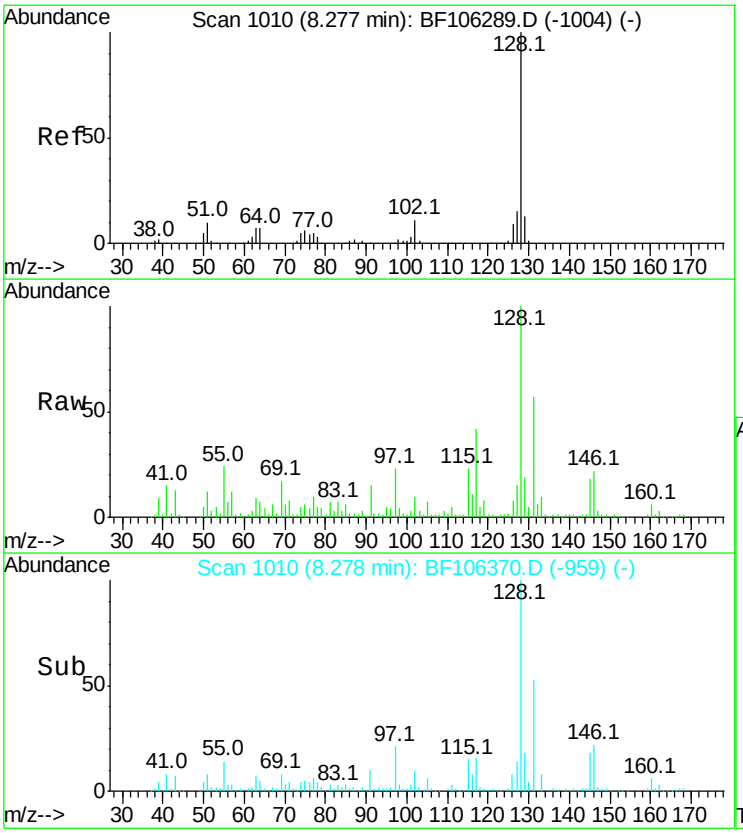
#25
Isophorone
Concen: 3.701 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.08 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 53859

Ion	Ratio	Lower	Upper
82	100		
95	12.0	5.2	7.8#
138	0.5	14.9	22.3#

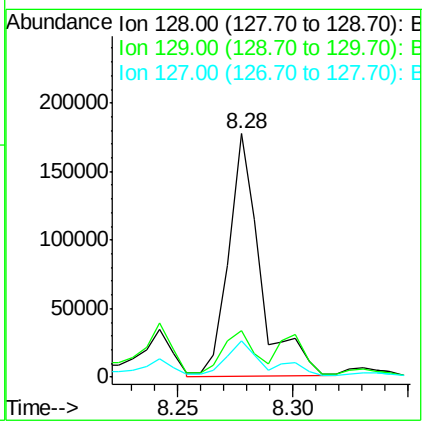


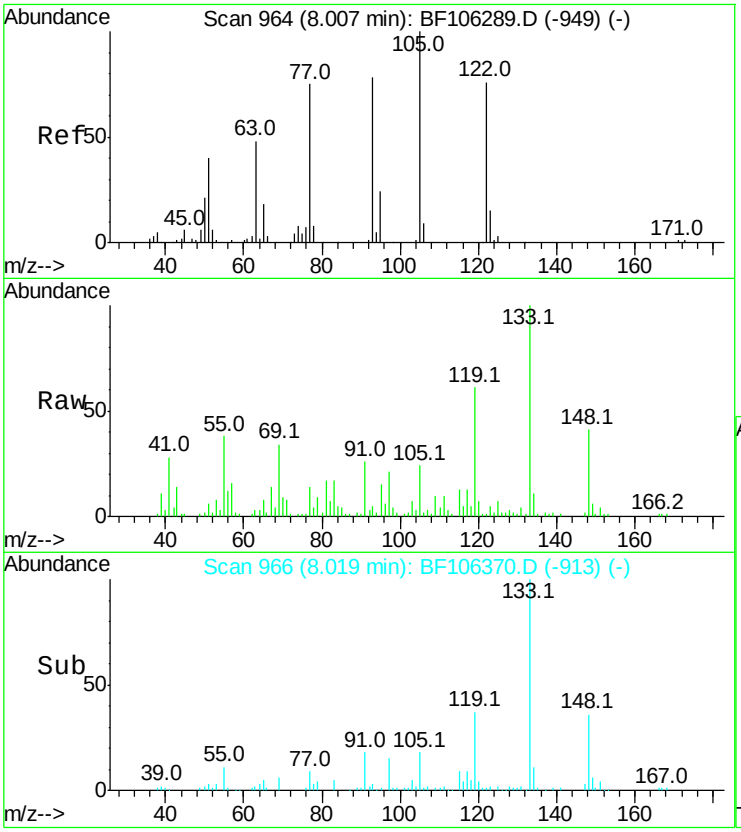


#31
Naphthalene
Concen: 8.503 ng
RT: 8.28 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:128 Resp: 168476

Ion	Ratio	Lower	Upper
128	100		
129	19.4	8.8	13.2#
127	14.7	10.9	16.3



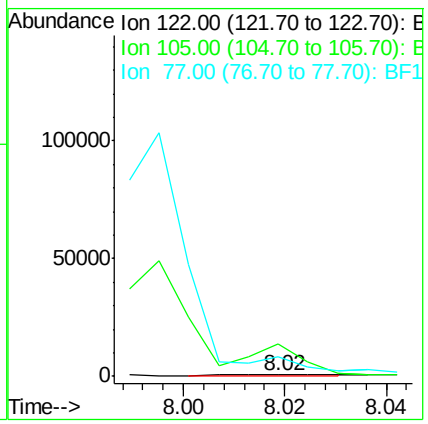


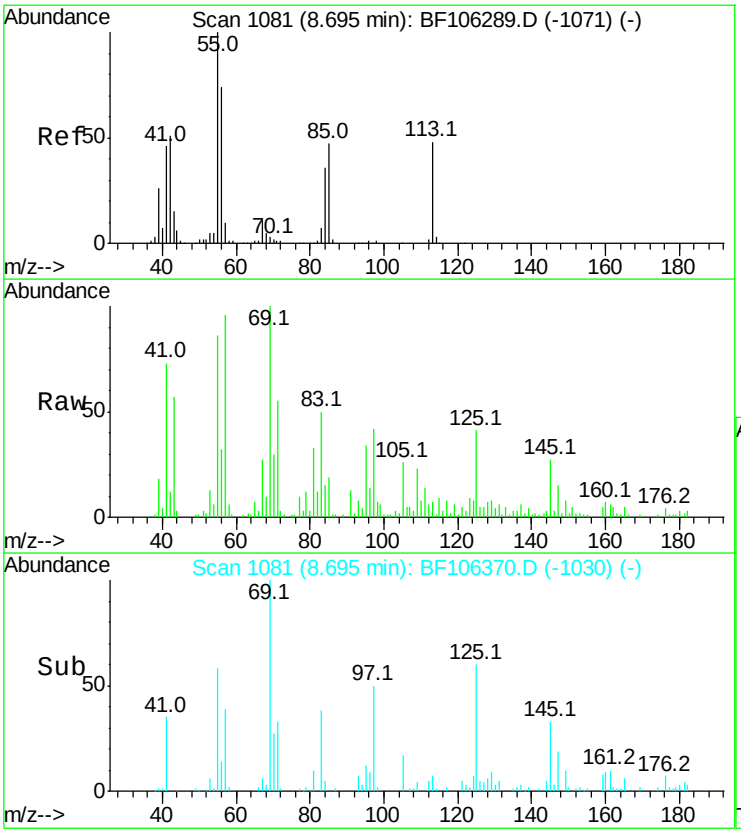
#32
Benzoic acid
Concen: 7.341 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 282

Ion	Ratio	Lower	Upper
122	100		
105	2112.1	101.1	141.1#
77	1287.4	70.7	110.7#

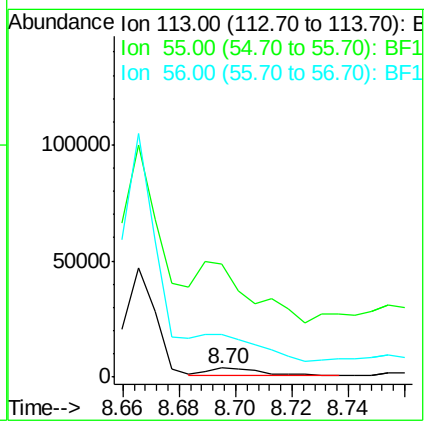


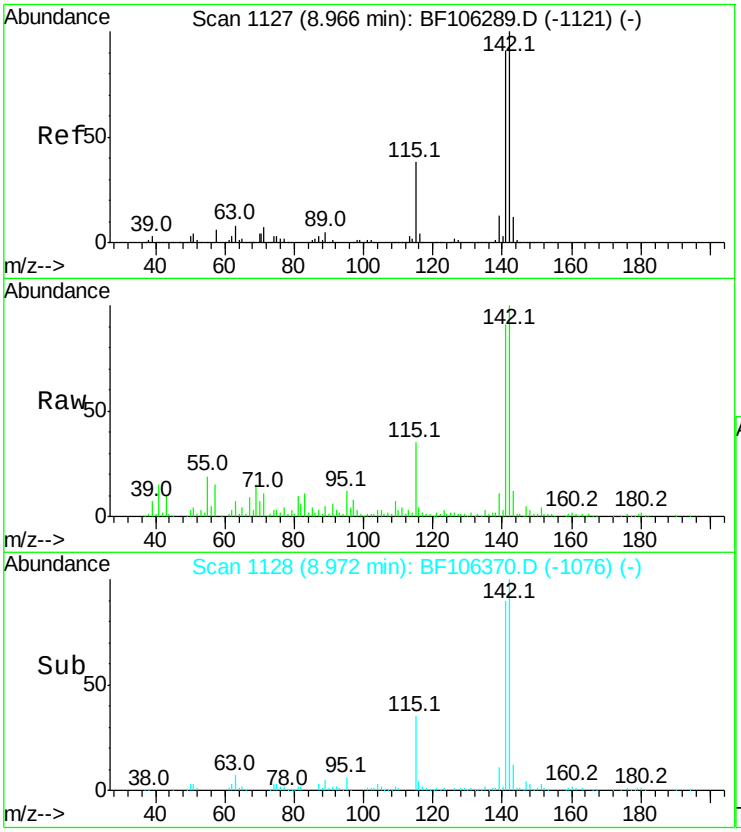


#35
Caprolactam
Concen: 2.035 ng
RT: 8.70 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:113 Resp: 4092

Ion	Ratio	Lower	Upper
113	100		
55	1295.1	163.3	203.3#
56	481.9	115.7	155.7#



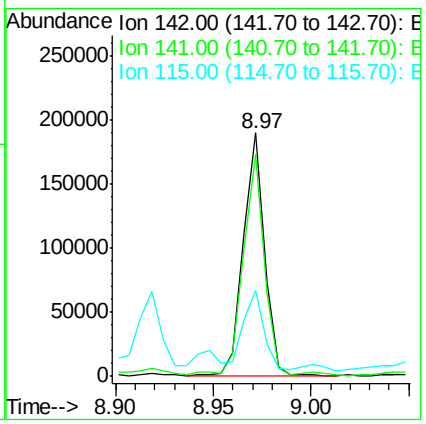


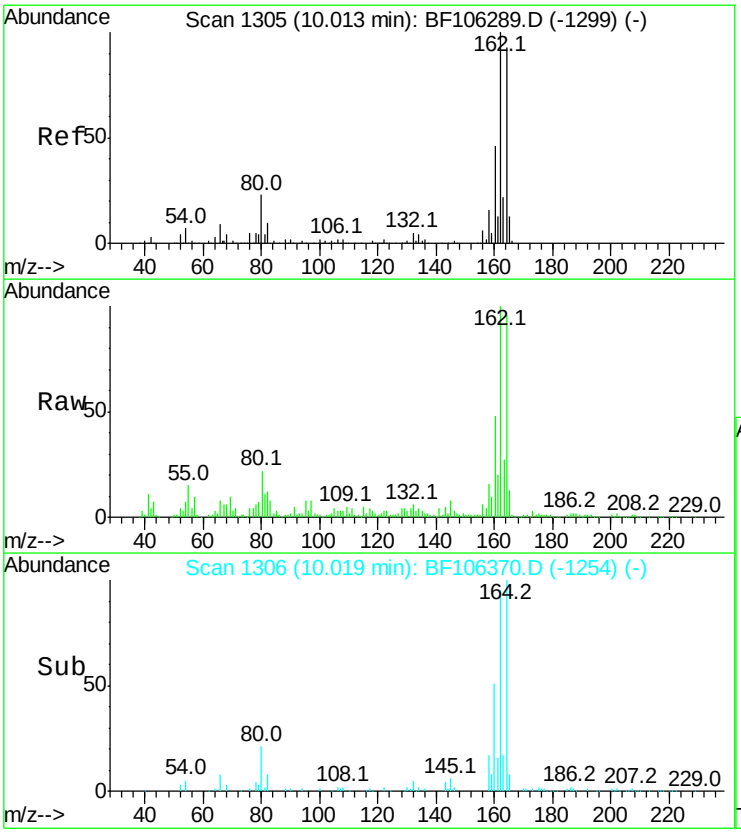
#37
2-Methylnaphthalene
Concen: 10.503 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 141743

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	35.5	26.1	39.1

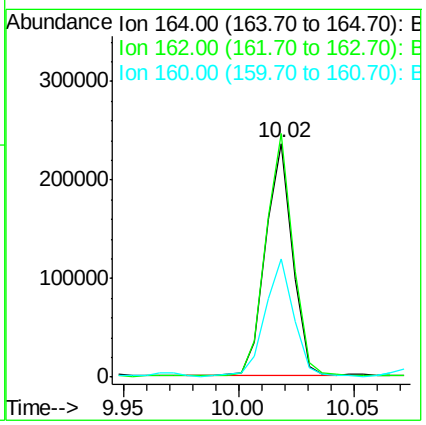


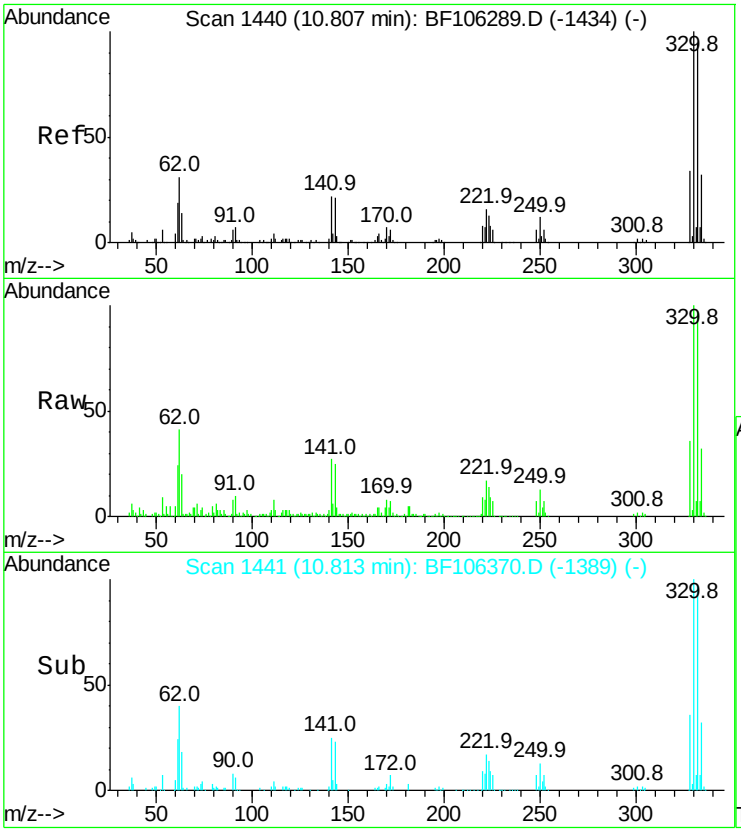


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:164 Resp: 192711

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	50.4	38.3	57.5



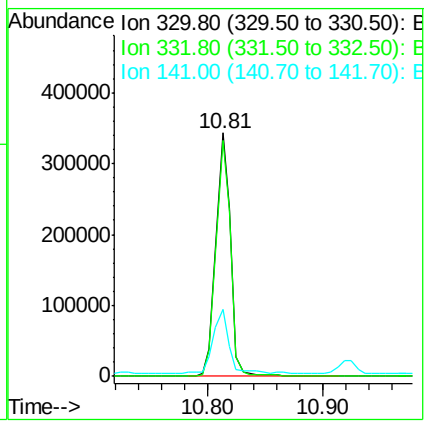


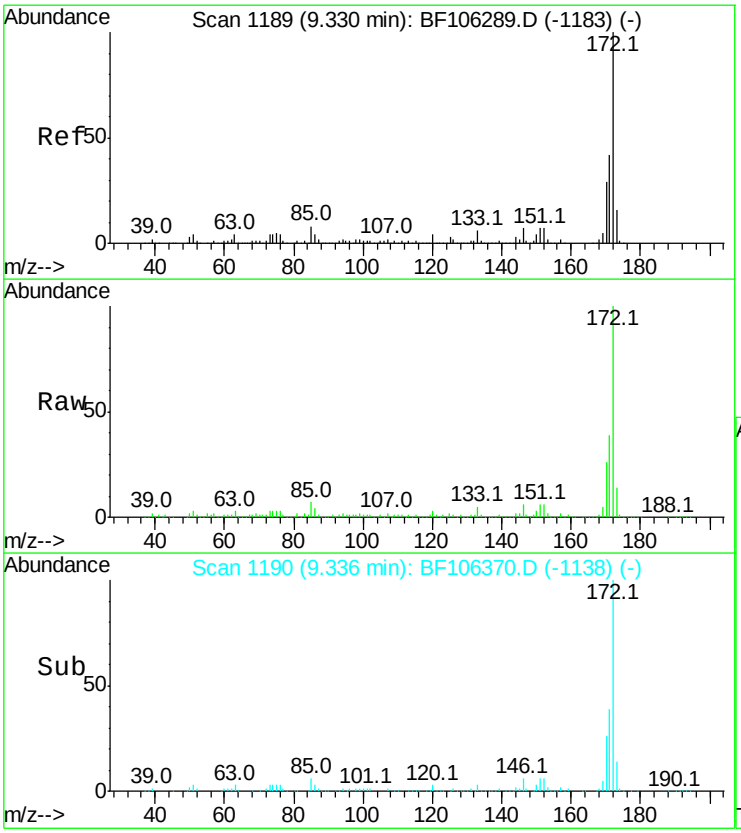
#41
2,4,6-Tribromophenol
Concen: 162.792 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 301851

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.2	29.9	44.9#

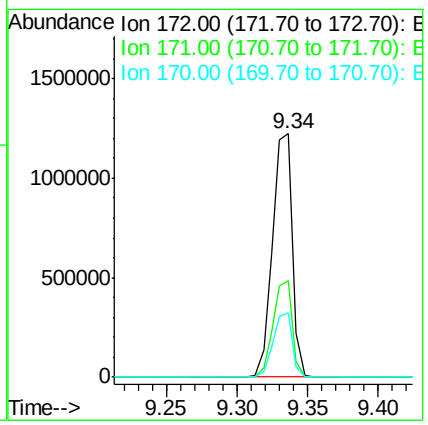


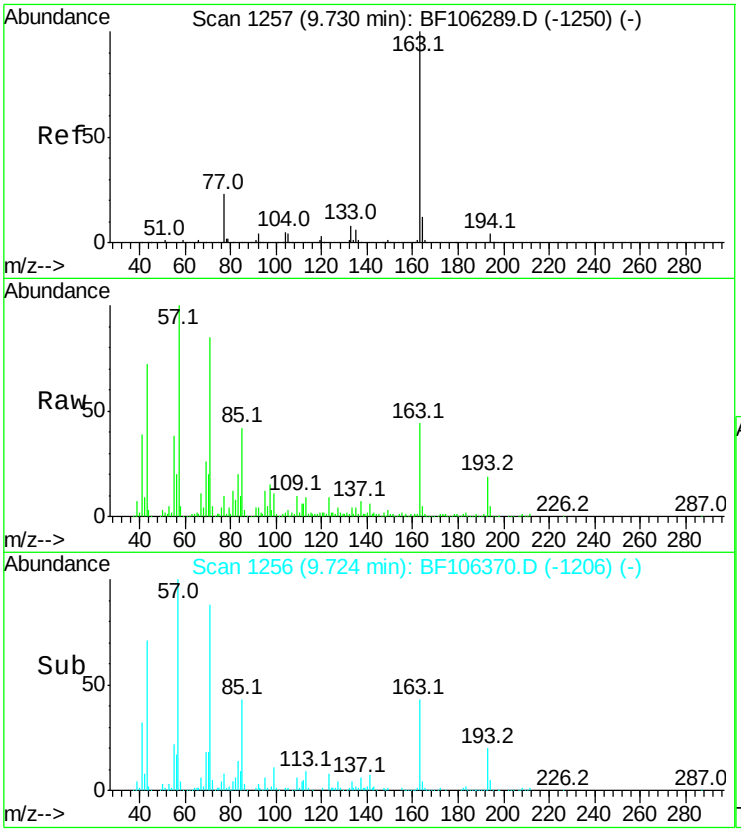


#44
2-Fluorobiphenyl
Concen: 131.788 ng
RT: 9.34 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:172 Resp: 1210700

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.7	44.5
170	26.4	19.6	29.4



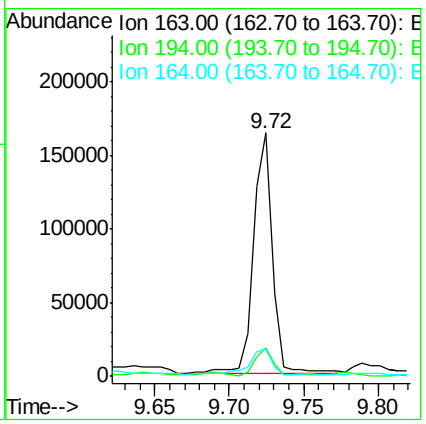


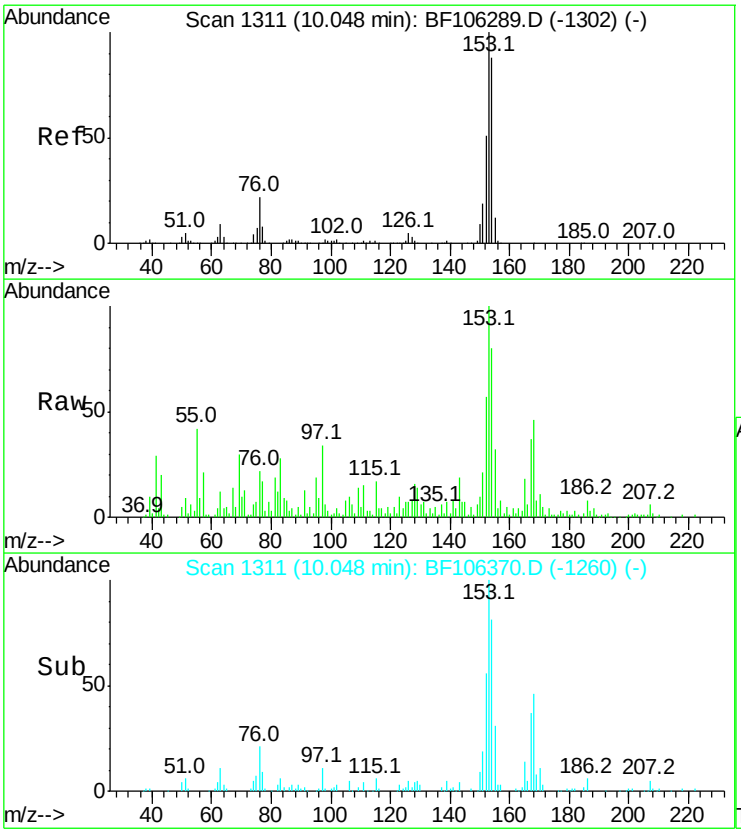
#49
Dimethylphthalate
Concen: 10.209 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 140562

Ion	Ratio	Lower	Upper
163	100		
194	11.6	2.7	4.1#
164	11.0	8.2	12.2

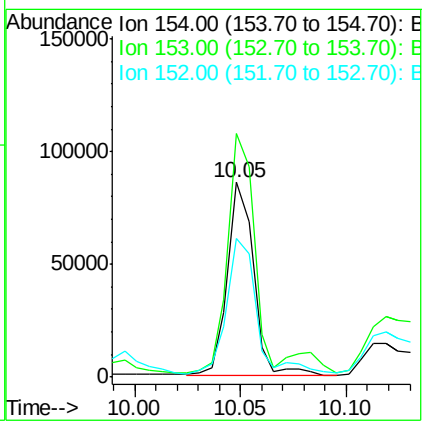


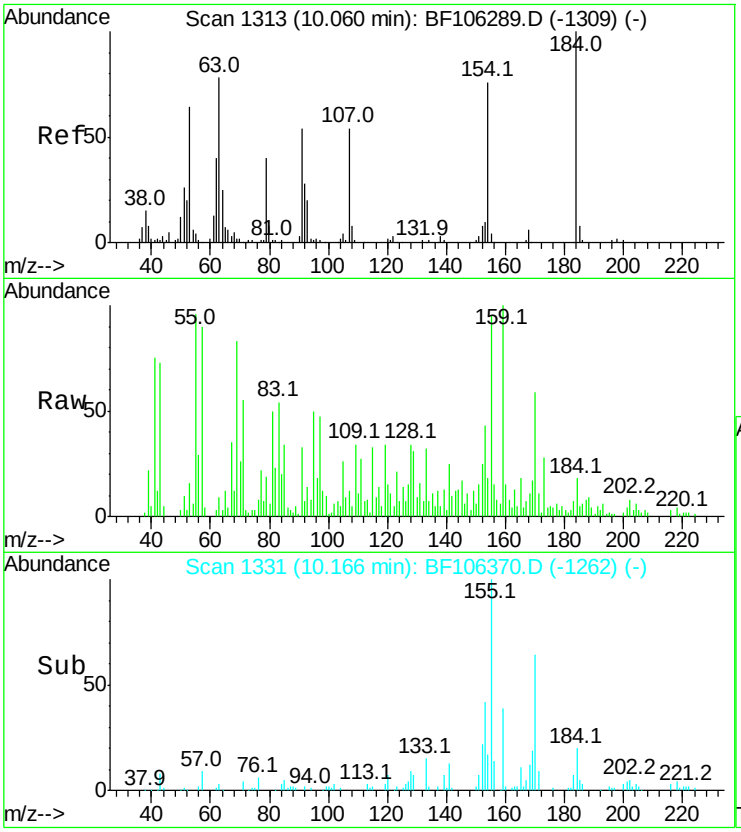


#51
Acenaphthene
Concen: 6.194 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:154 Resp: 73137

Ion	Ratio	Lower	Upper
154	100		
153	124.9	91.2	136.8
152	70.9	43.8	65.8#



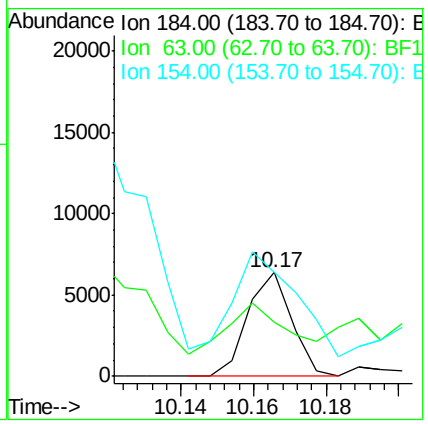


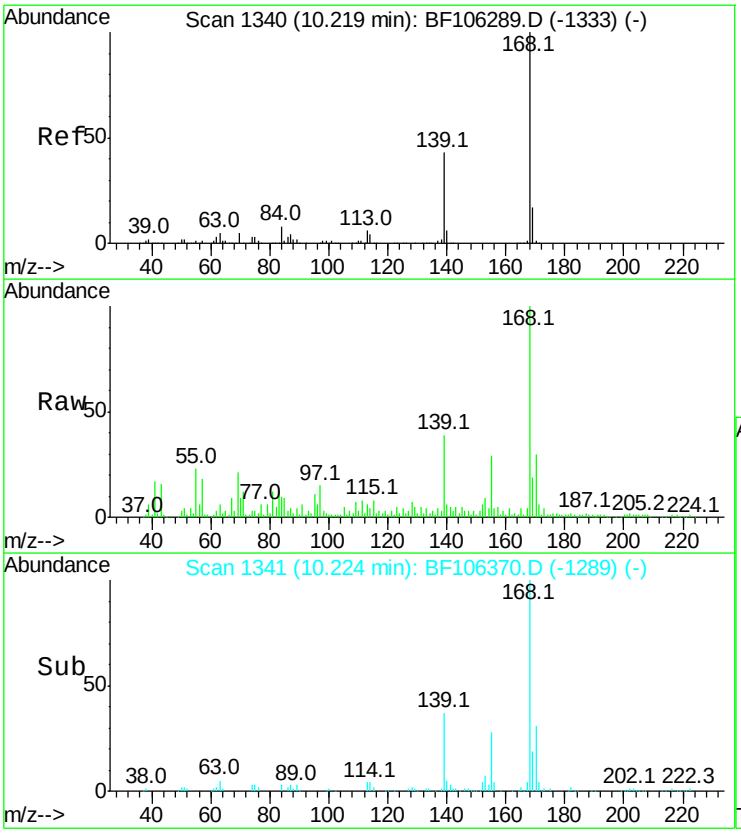
#53
2,4-Dinitrophenol
Concen: 12.310 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.11 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 5348

Ion	Ratio	Lower	Upper
184	100		
63	52.0	54.2	81.2#
154	100.3	184.0	276.0#

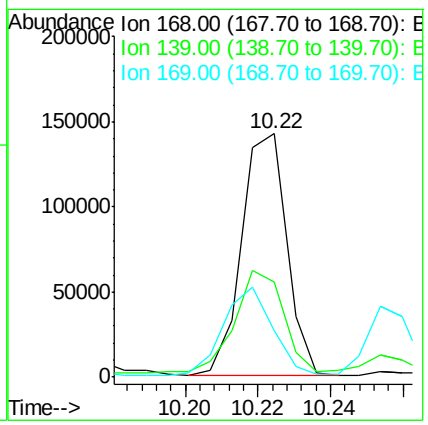


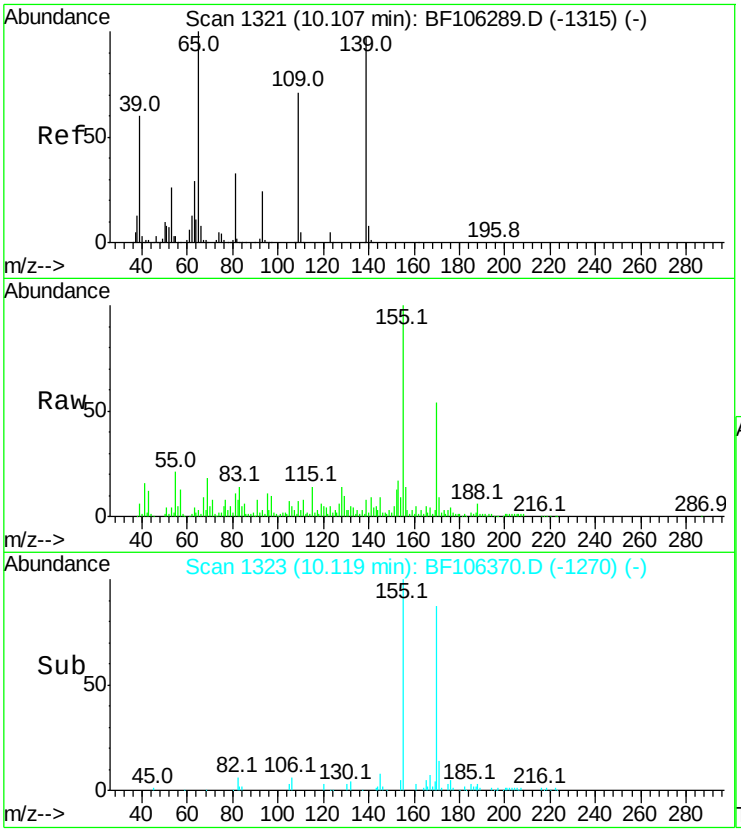


#54
Dibenzofuran
Concen: 7.725 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:168 Resp: 122830

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	19.0	10.9	16.3#



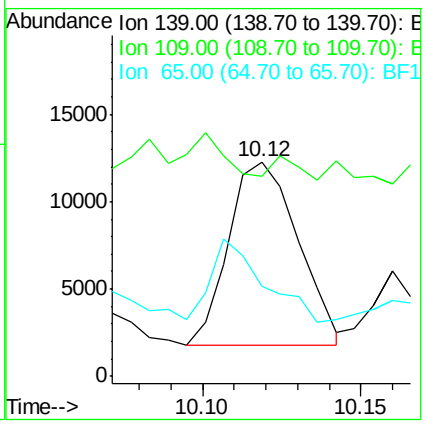


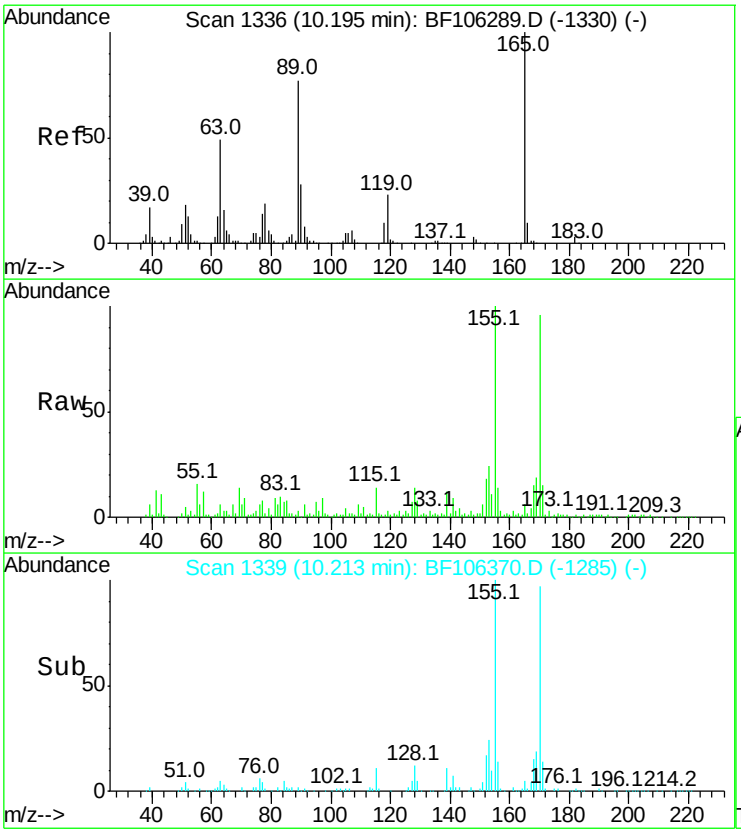
#55
4-Nitrophenol
Concen: 6.190 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 15838

Ion	Ratio	Lower	Upper
139	100		
109	93.0	48.4	88.4#
65	42.0	72.6	112.6#

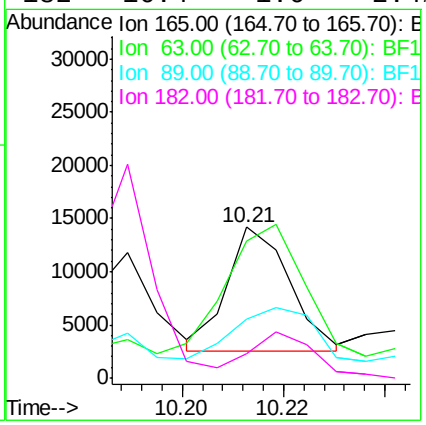


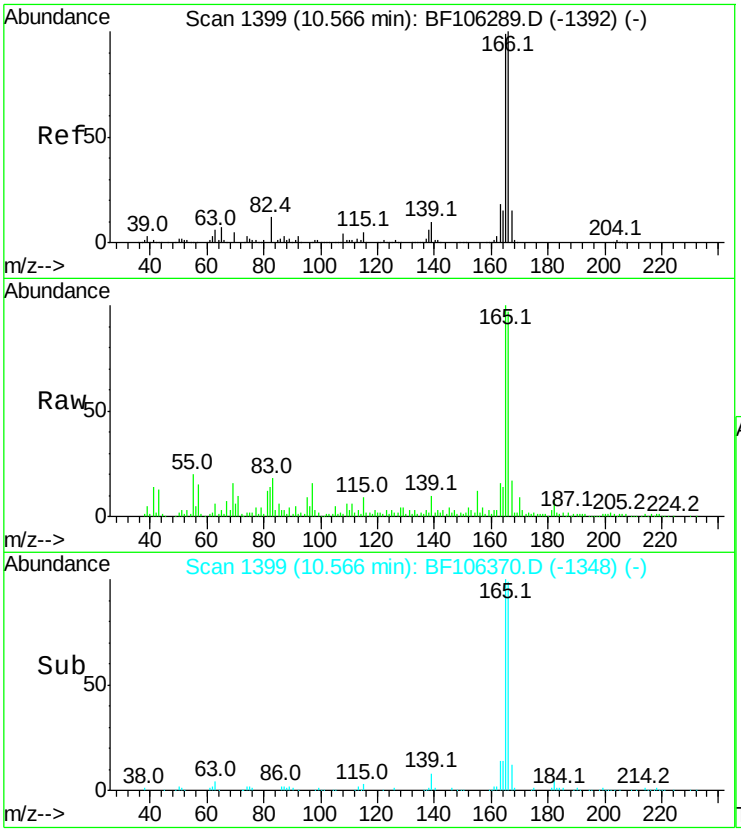


#56
2,4-Dinitrotoluene
Concen: 2.817 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:165 Resp: 9947

Ion	Ratio	Lower	Upper
165	100		
63	90.5	36.4	54.6#
89	39.2	57.8	86.6#
182	16.4	1.6	2.4#



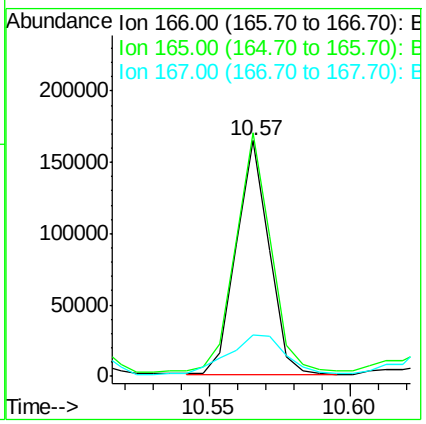


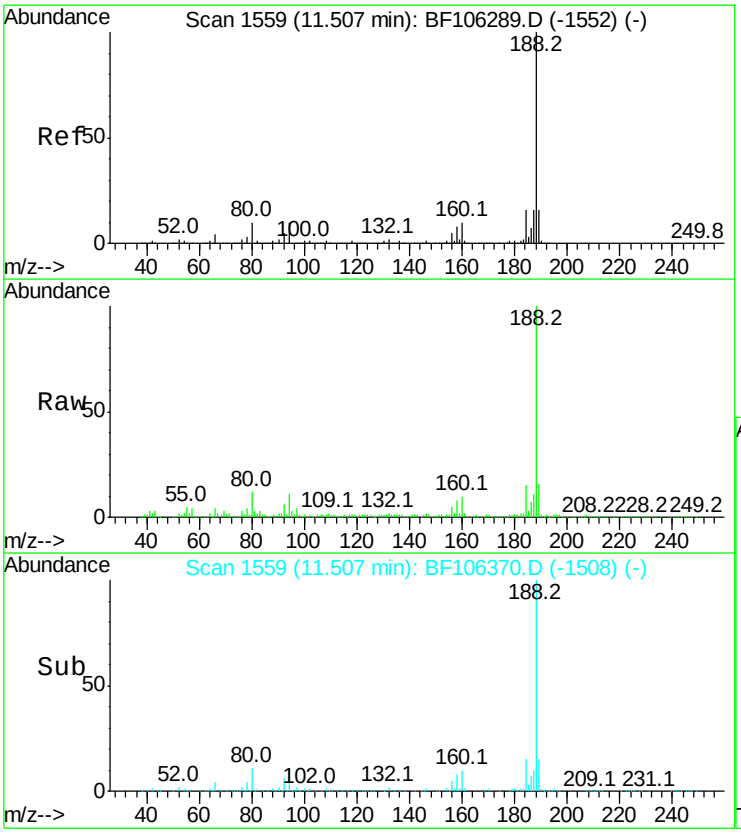
#57
Fluorene
Concen: 10.477 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 131985

Ion	Ratio	Lower	Upper
166	100		
165	103.3	79.8	119.8
167	17.3	10.6	16.0#

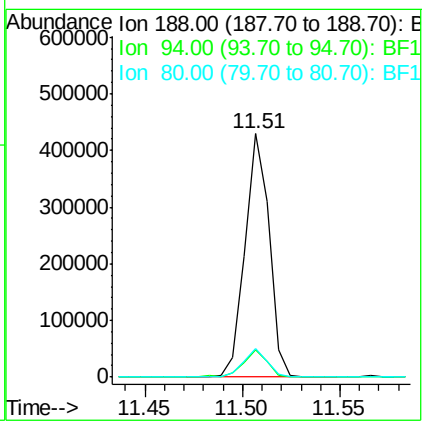


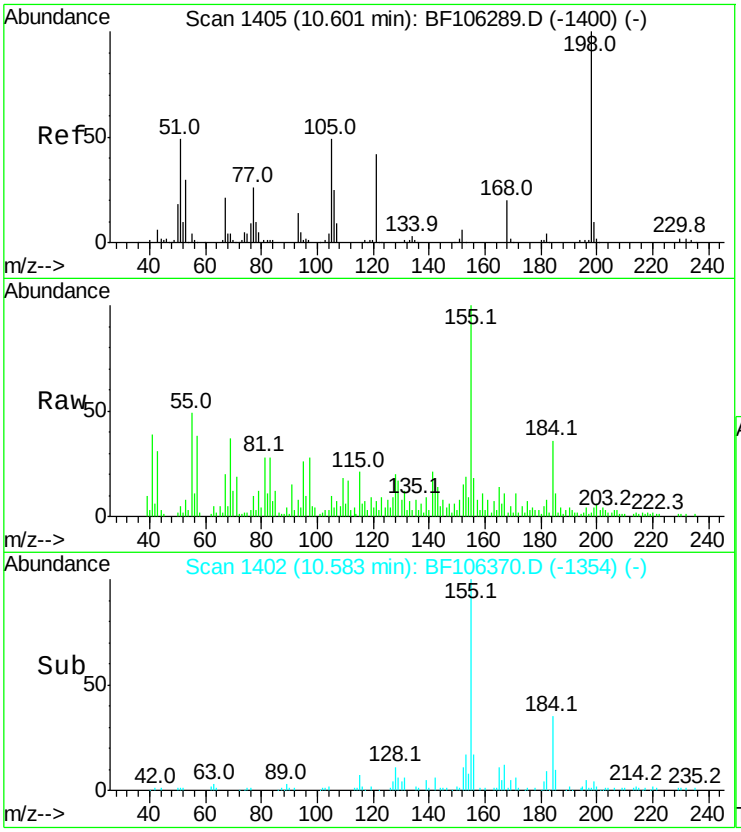


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:188 Resp: 366921

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.6	9.2	13.8



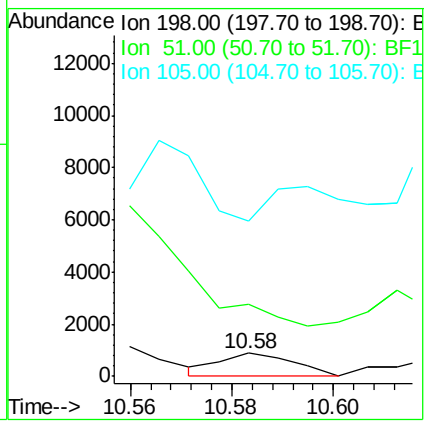


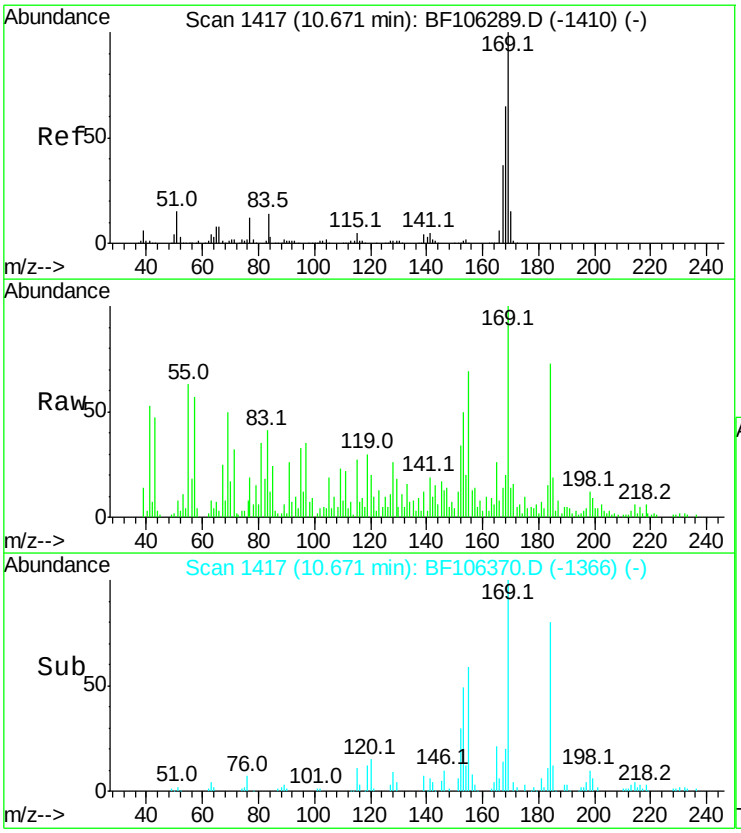
#64
4,6-Dinitro-2-methylphenol
Concen: 6.685 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 889

Ion	Ratio	Lower	Upper
198	100		
51	311.0	37.7	77.7#
105	670.7	36.3	76.3#

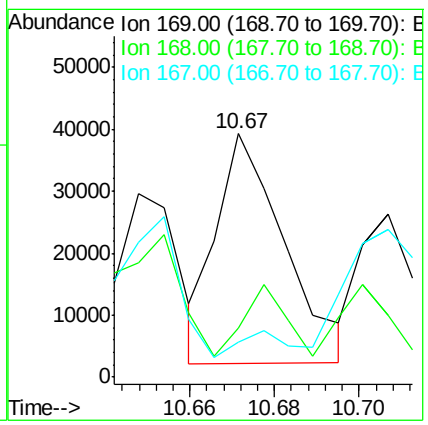


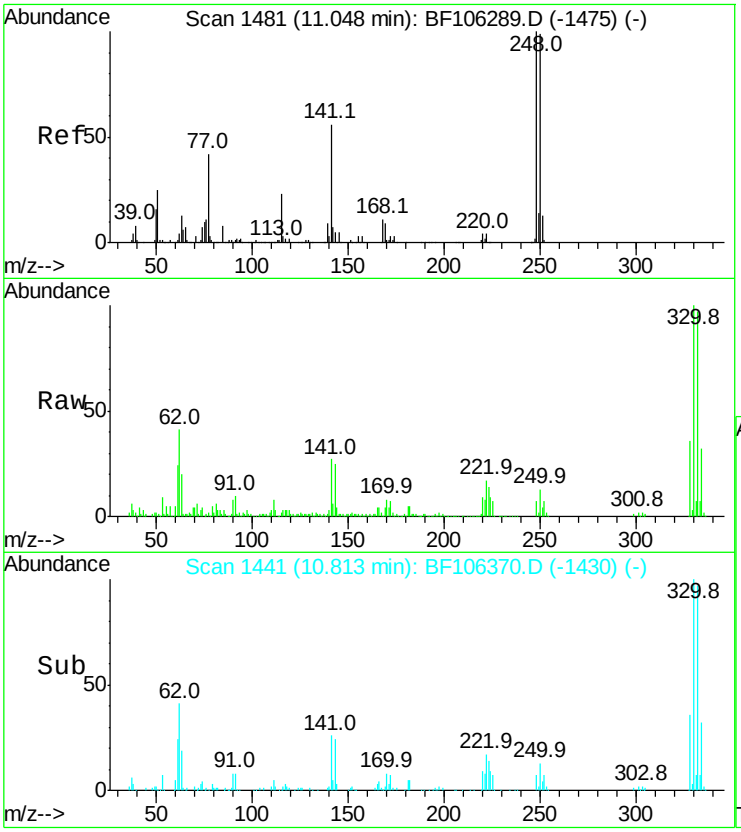


#65
n-Nitrosodiphenylamine
Concen: 3.363 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:169 Resp: 41477

Ion	Ratio	Lower	Upper
169	100		
168	20.3	54.4	81.6#
167	14.3	29.8	44.6#



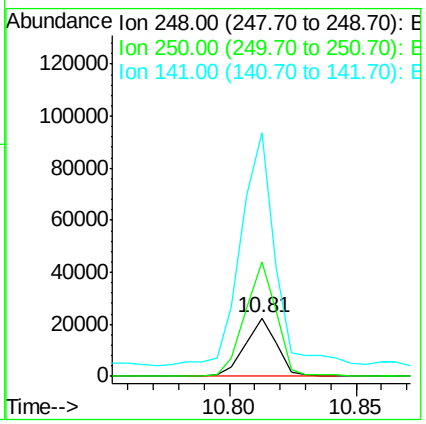


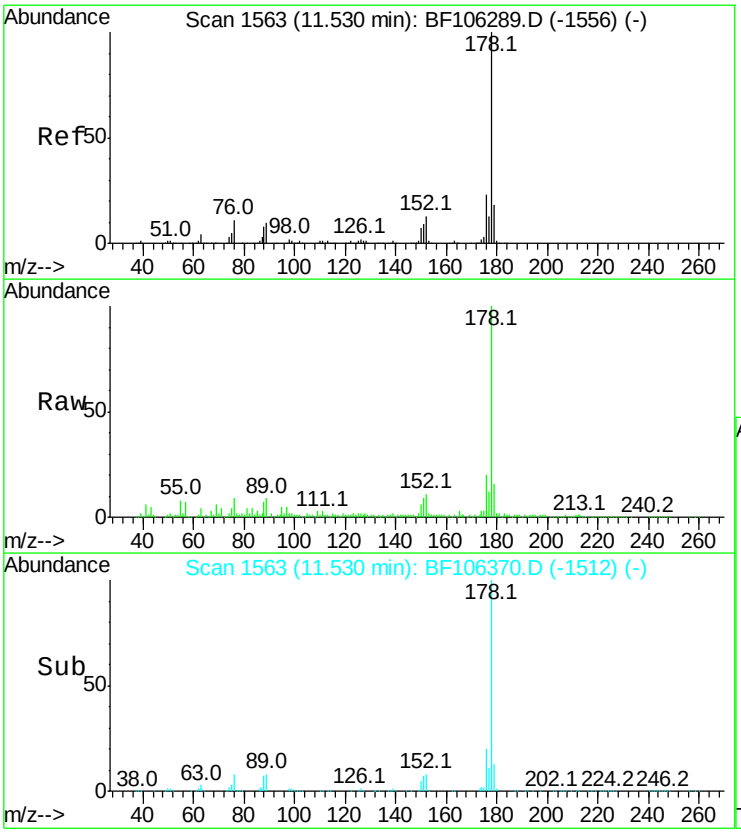
#66
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19176

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	417.5	74.4	111.6#

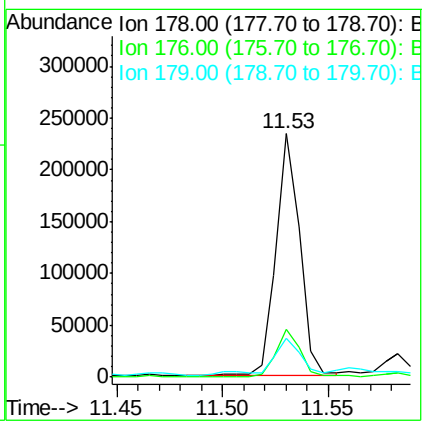


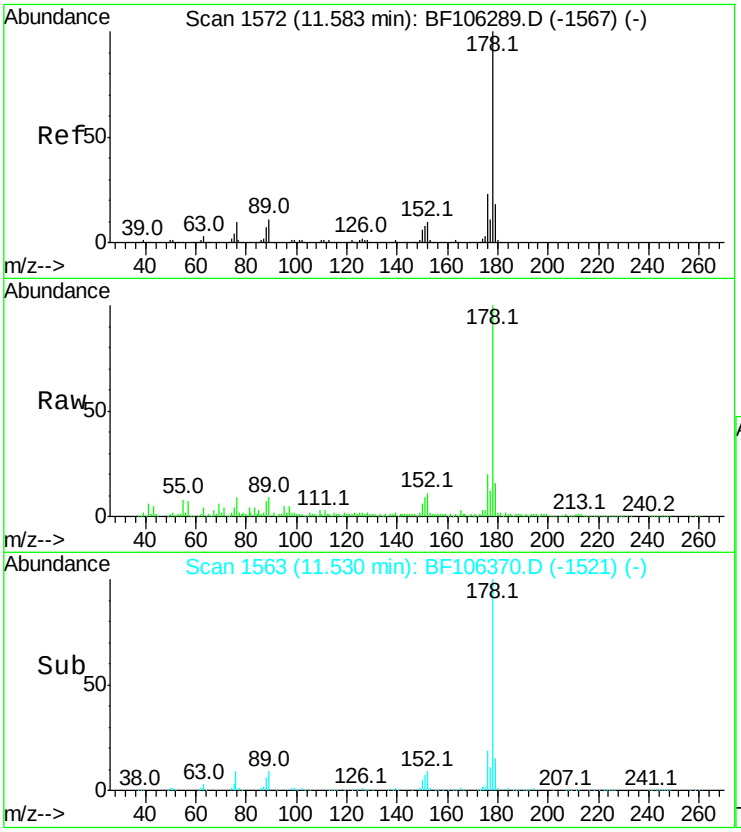


#70
Phenanthrene
Concen: 10.156 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:178 Resp: 182500

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	13.0	19.6



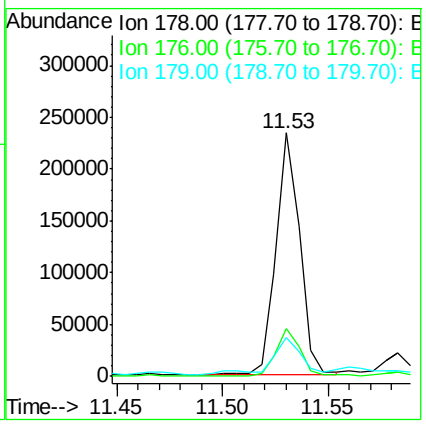


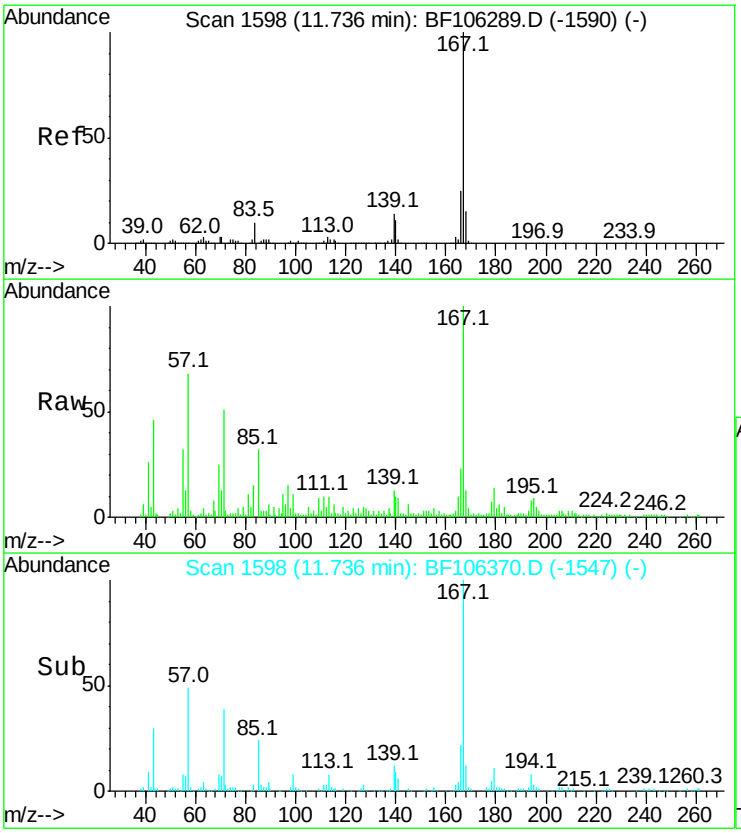
#71
Anthracene
Concen: 10.138 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.05 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 182500

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.1	12.6	19.0

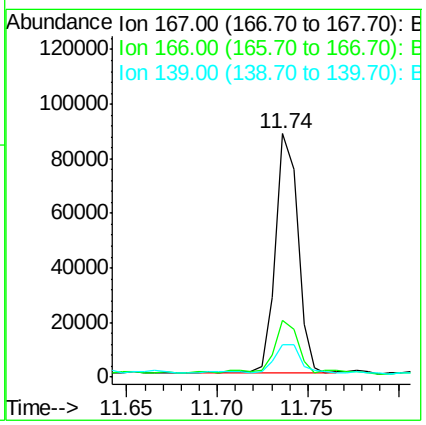


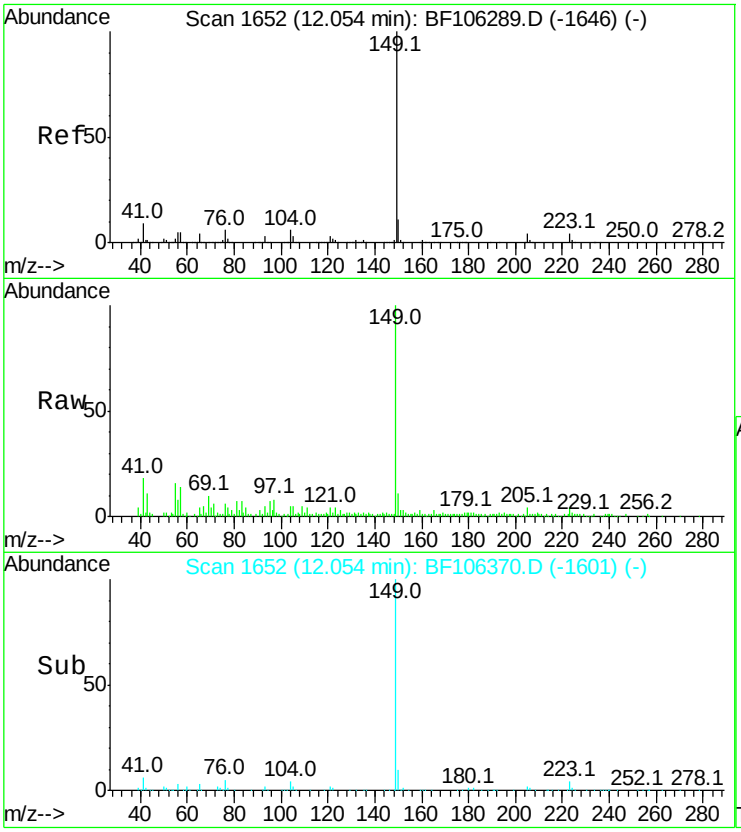


#72
Carbazole
Concen: 4.585 ng
RT: 11.74 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:167 Resp: 76203

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.4	10.9	16.3



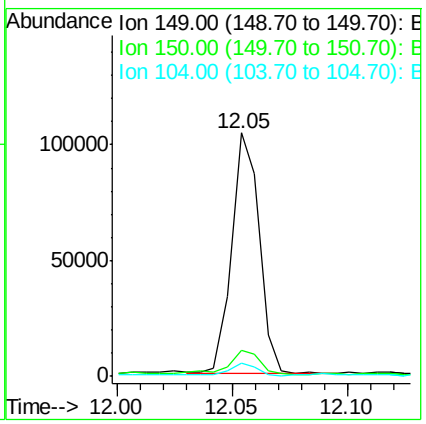


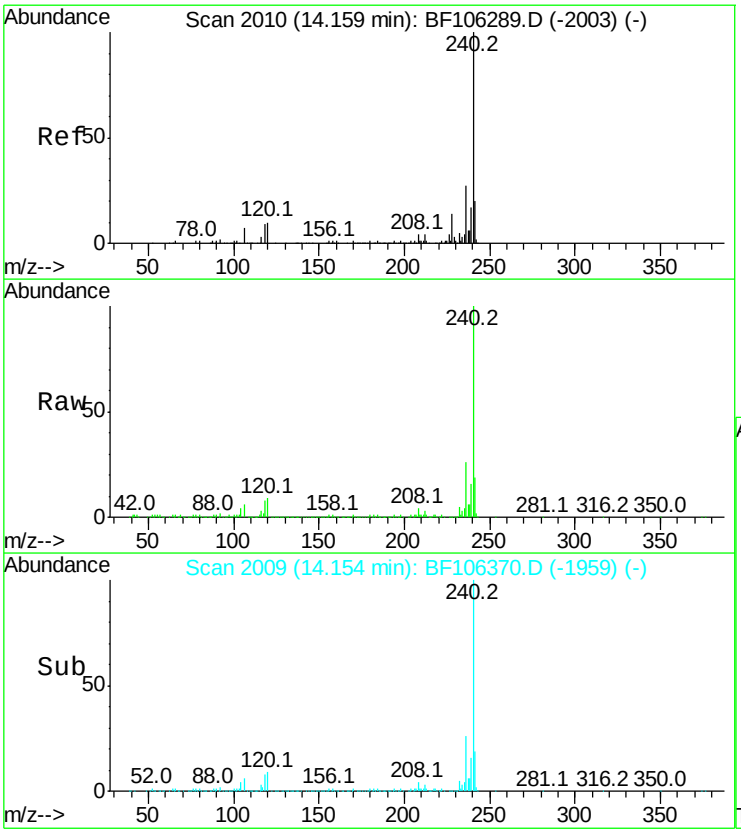
#73
Di-n-butylphthalate
Concen: 4.644 ng
RT: 12.05 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 85909

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.2	3.8	5.8

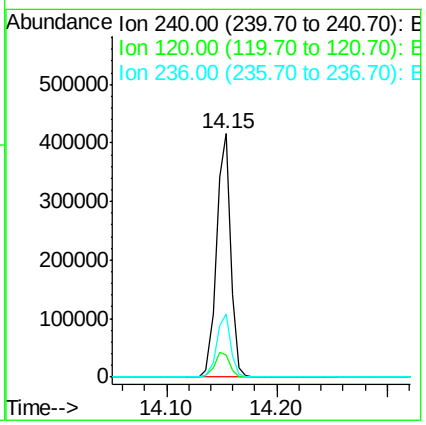


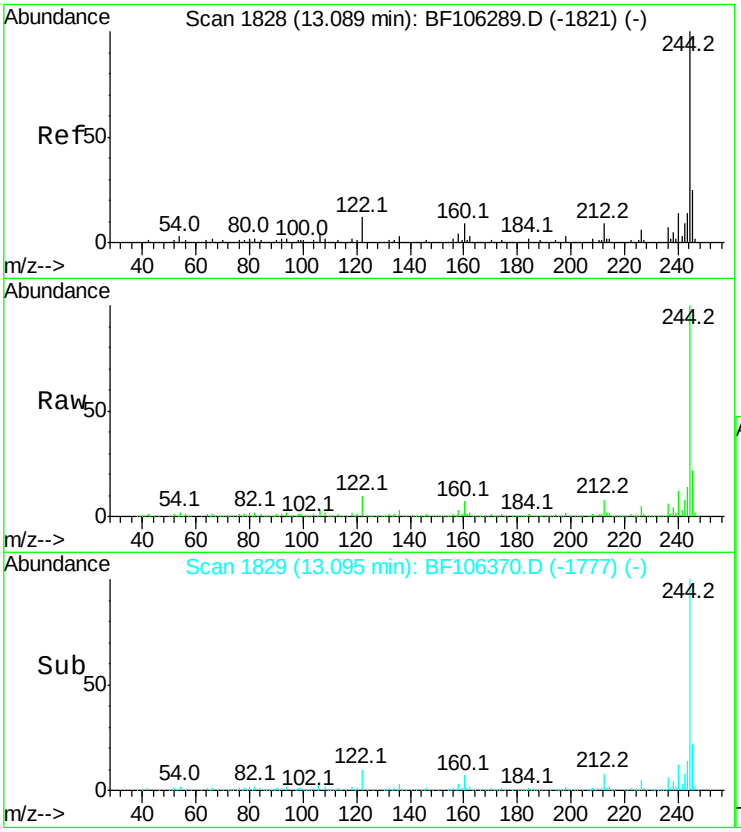


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:240 Resp: 369660

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.0	20.7	31.1



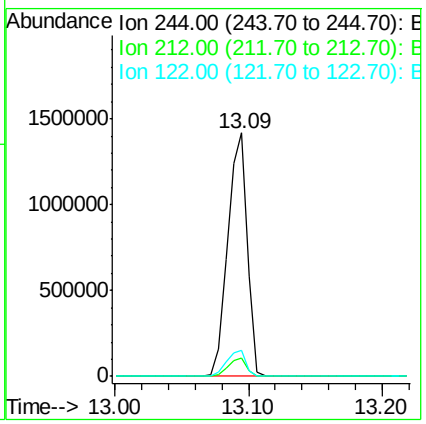


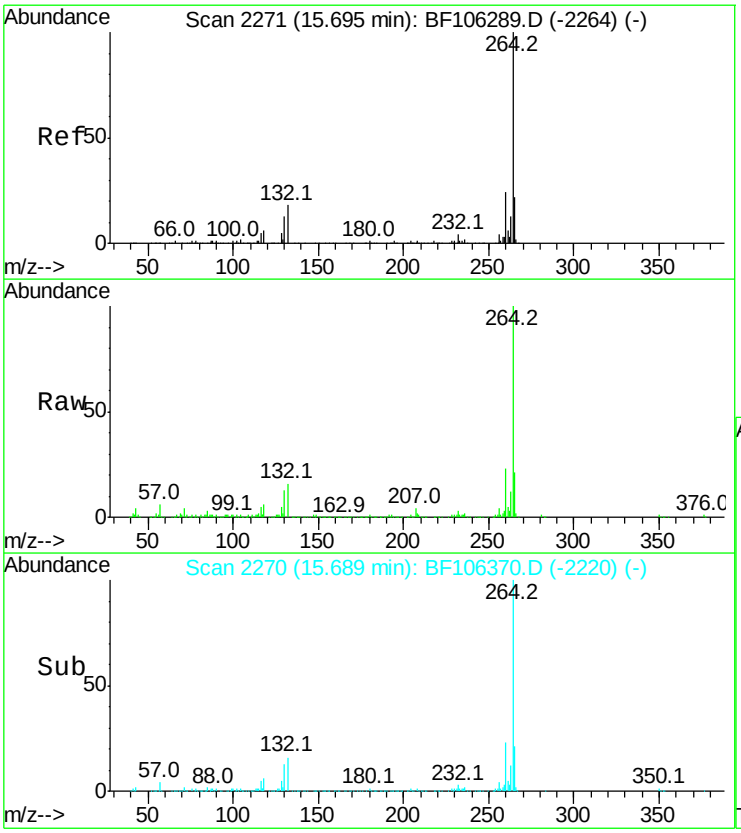
#78
Terphenyl-d14
Concen: 98.021 ng
RT: 13.09 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1458843

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106370.D
Acq: 13 Jun 2018 3:58

Tgt Ion:264 Resp: 263831

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3