Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102801.D
Acq On : 6 Feb 2018 23:52
Operator : SJ/JU
Sample : J1459-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Feb 07 01:30:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	184222	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	741590	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	293117	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	406261	20.00	ng	0.00
75) Chrysene-d12	14.04	240	329537	20.00	ng	-0.01
86) Perylene-d12	15.52	264	298903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1395734	115.06	ng	0.02
7) Phenol-d6	6.51	99	1479632	101.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	1104527	103.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	297178	125.96	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1862092	105.41	ng	0.00
78) Terphenyl-d14	12.99	244	1268629	91.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	146535	15.216	ng	# 83
25) Isophorone	7.45	82	1104509	44.870	ng	# 64
26) 2-Nitrophenol	7.88	139	108	8.683	ng	# 34
31) Naphthalene	8.19	128	1020974	28.178	ng	99
32) Benzoic acid	7.94	122	148	8.562	ng	# 1
33) 4-Chloroaniline	8.19	127	135389	8.674	ng	# 32
37) 2-Methylnaphthalene	8.87	142	53203	2.243	ng	97
47) 2-Nitroaniline	9.34	65	124	3.491	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	38222	8.790	ng	# 26
55) 4-Nitrophenol	10.12	139	5850	5.288	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	38222	9.210	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	577	9.108	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	18636	4.336	ng	# 1

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

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Misc :
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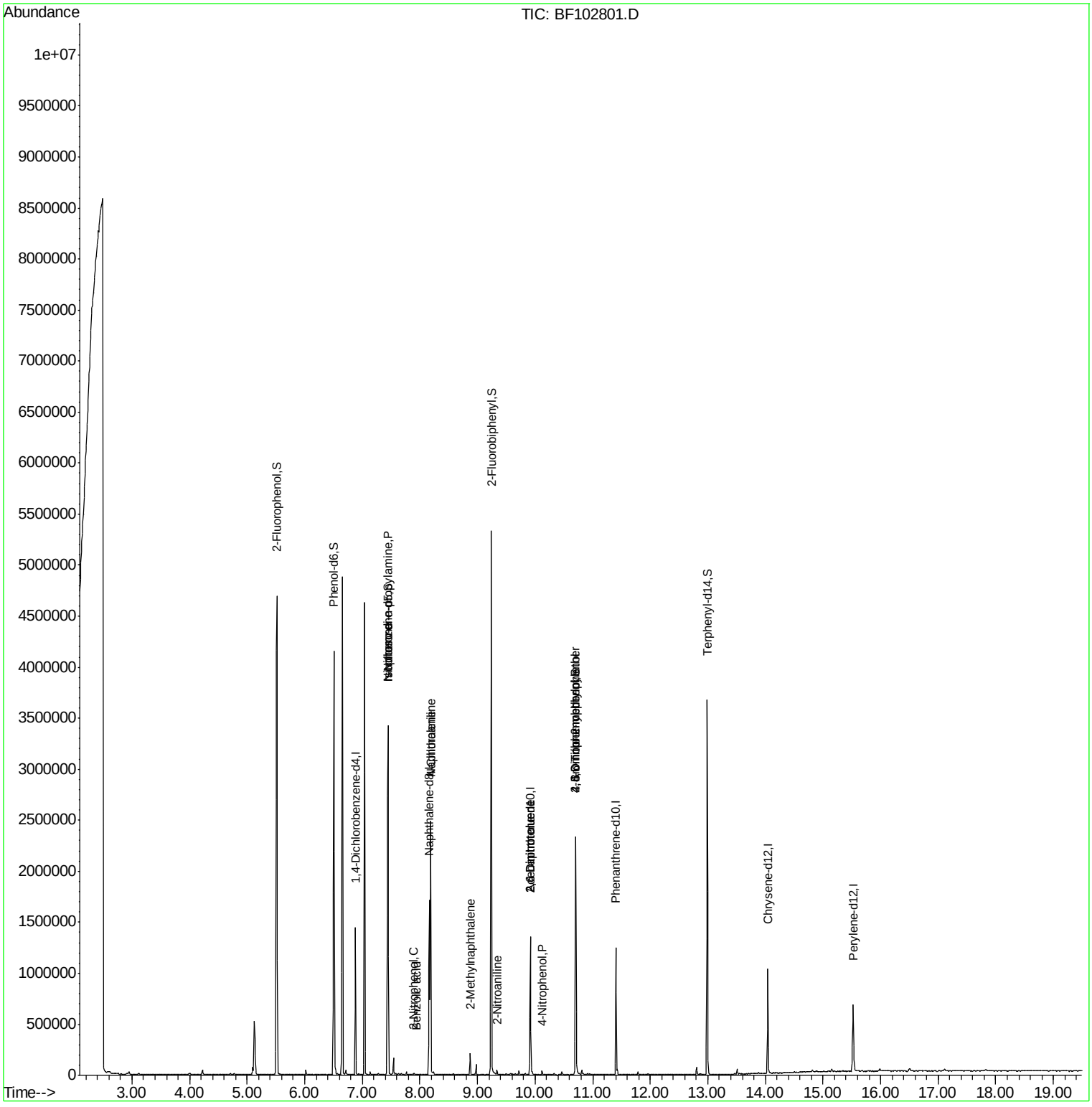
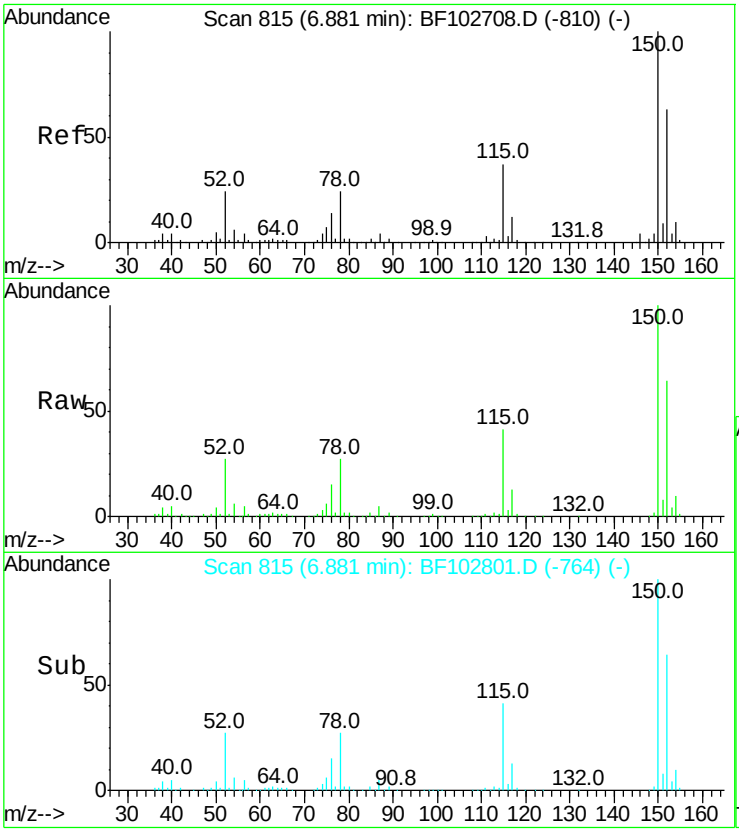
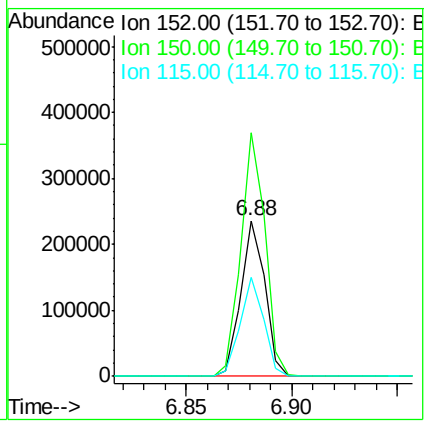


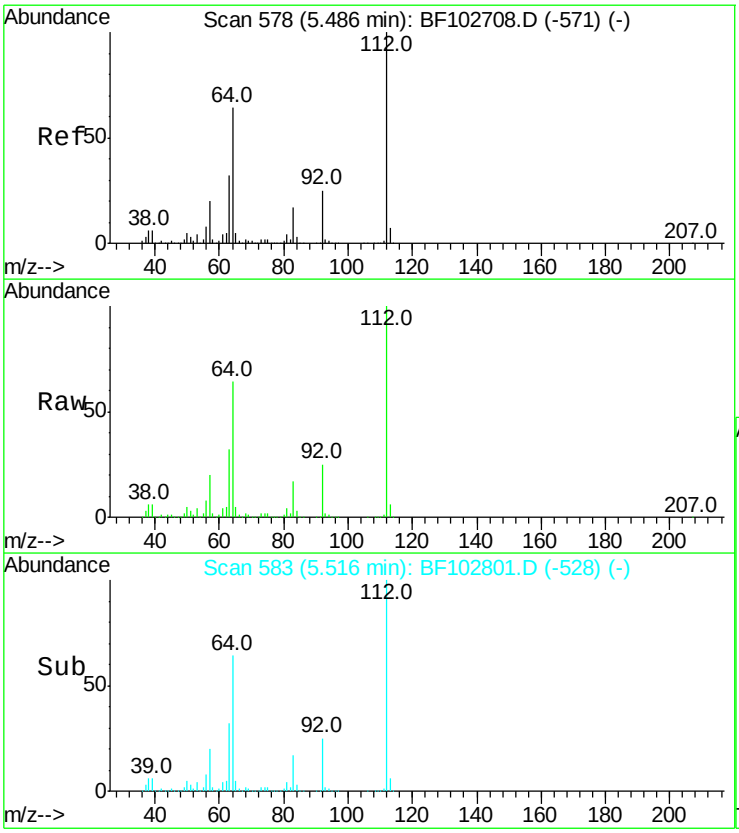


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:152 Resp: 184222

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	64.0	50.1	75.1

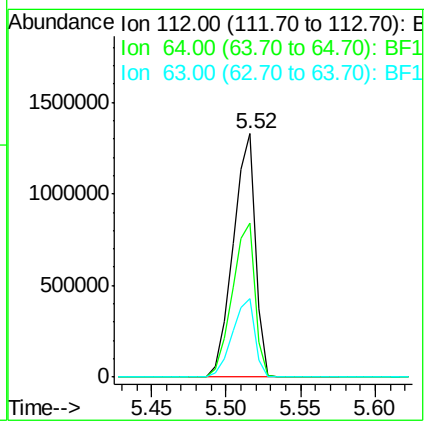


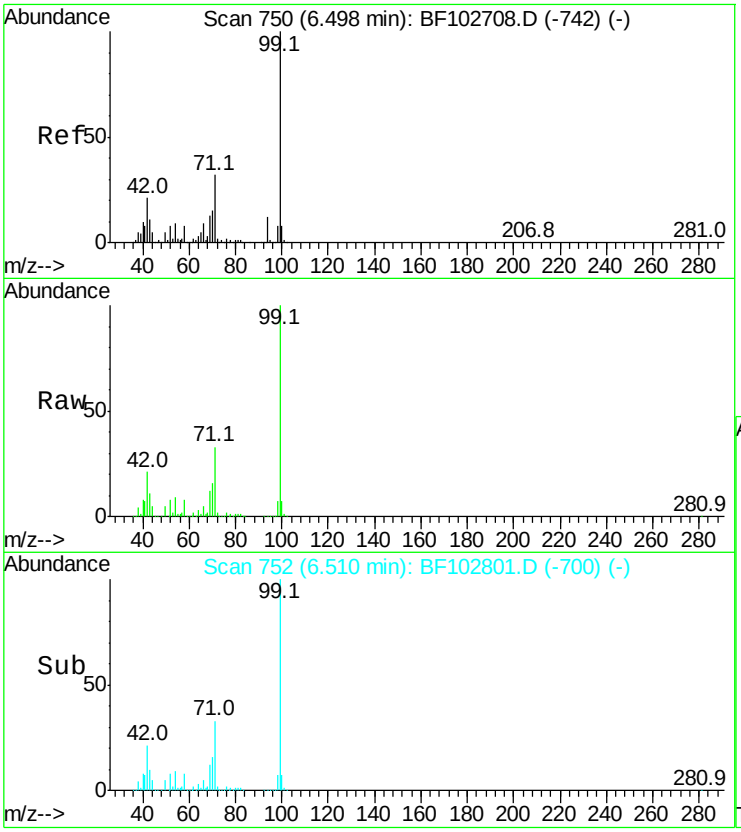


#5
2-Fluorophenol
Concen: 115.060 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:112 Resp: 1395734

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.3	23.7	35.5

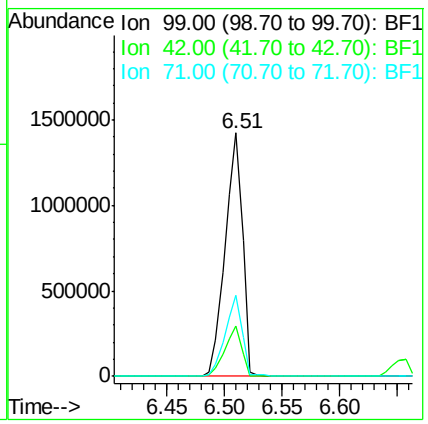


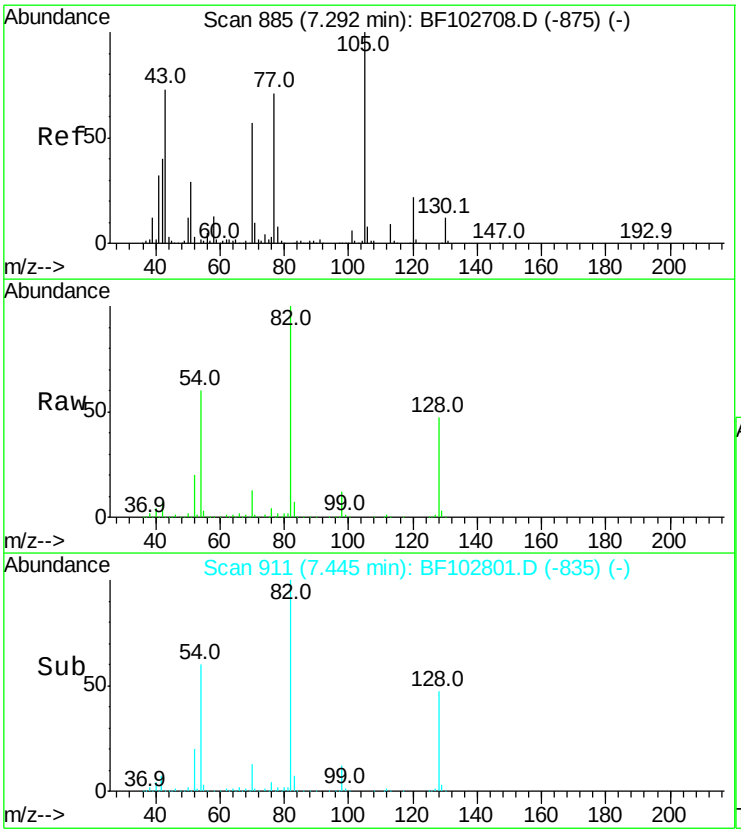


#7
Phenol-d6
Concen: 101.303 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion: 99 Resp: 1479632

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	33.4	25.4	38.0

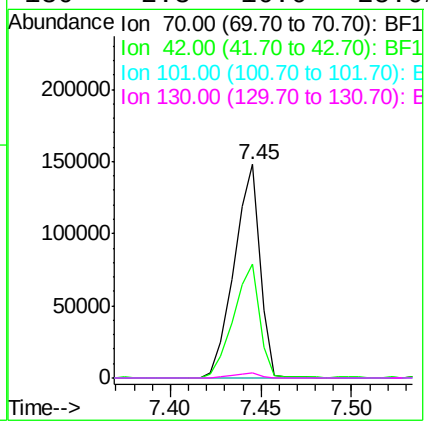


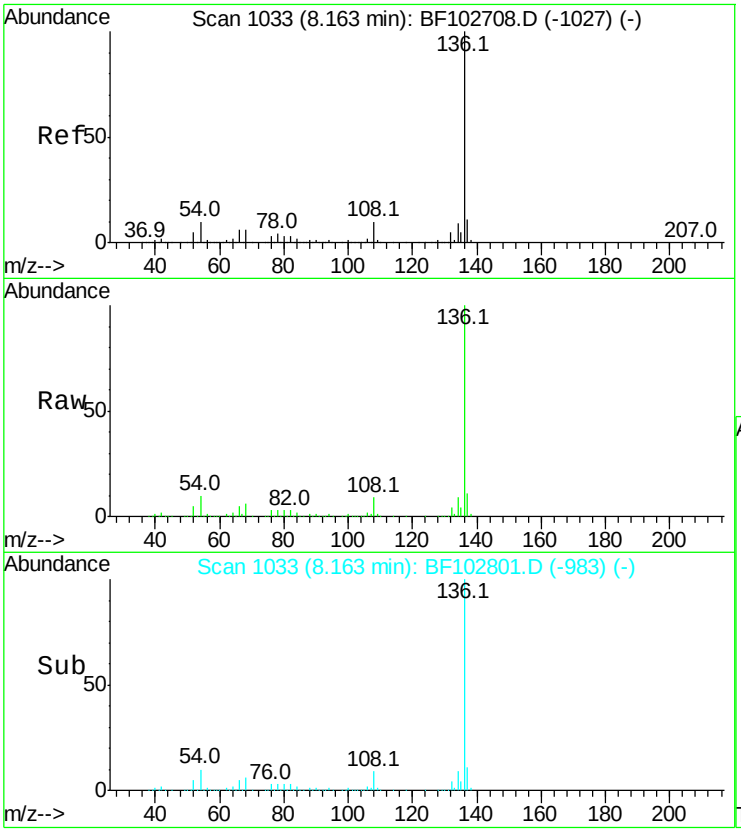


#19
n-Nitroso-di-n-propylamine
Concen: 15.216 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion: 70 Resp: 146535

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

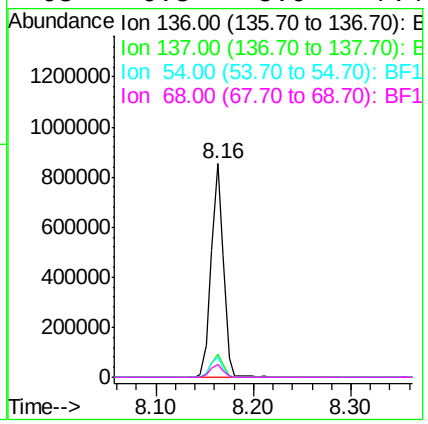


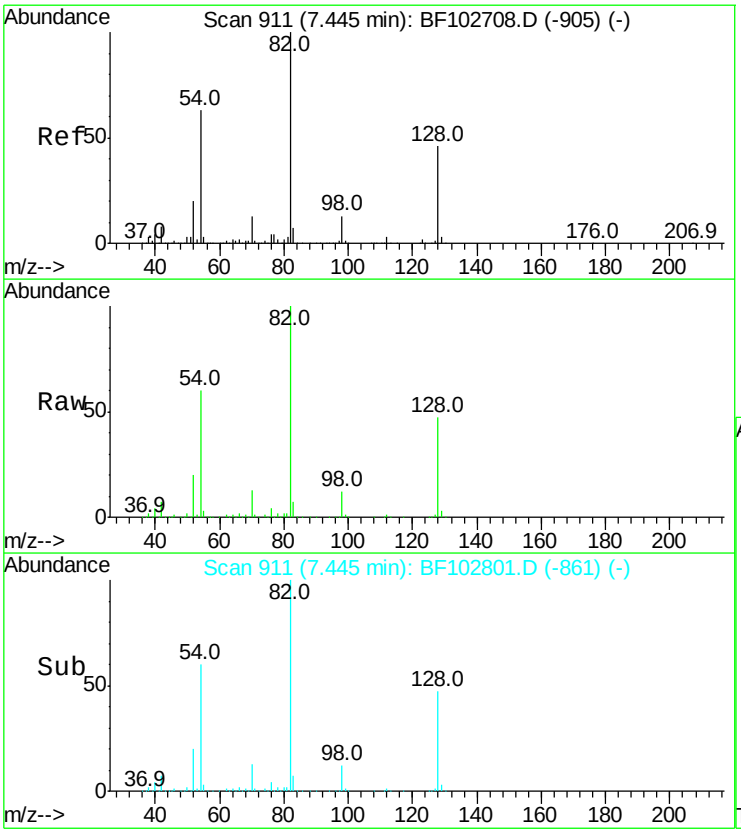


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:136 Resp: 741590

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.3	5.0	7.4

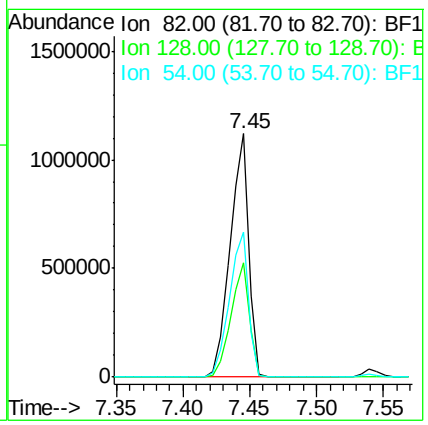


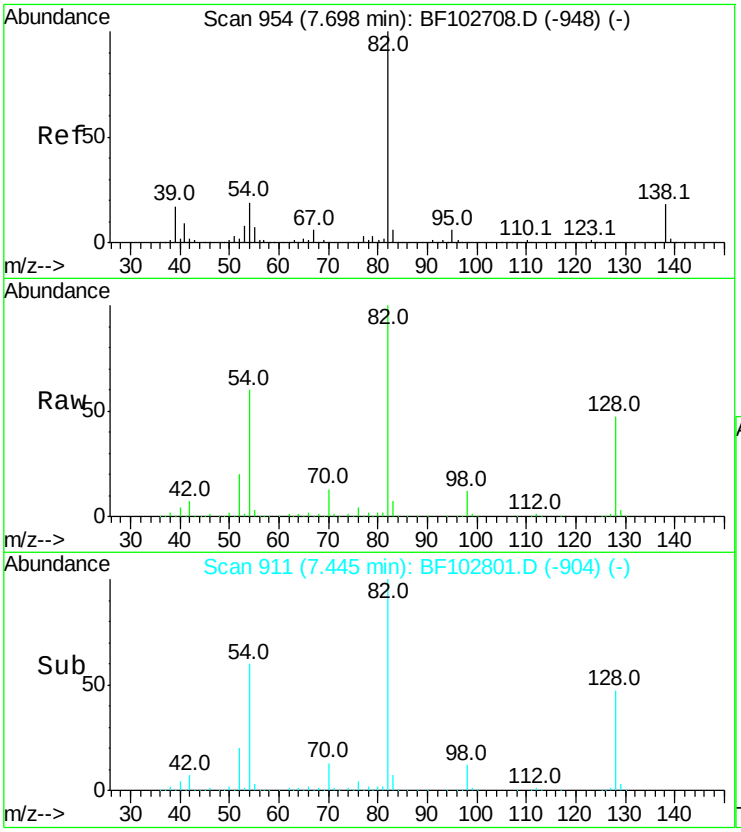


#23
Nitrobenzene-d5
Concen: 103.321 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion: 82 Resp: 1104527

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	59.7	41.4	62.2

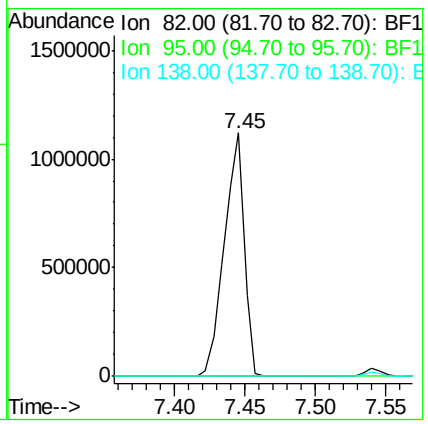


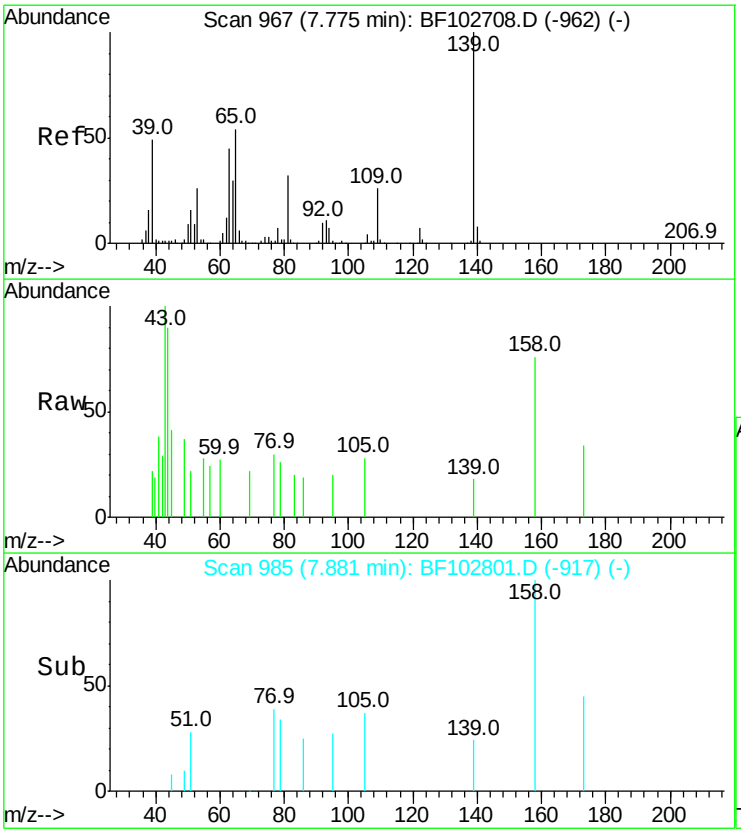


#25
Isophorone
Concen: 44.870 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion: 82 Resp: 1104509

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

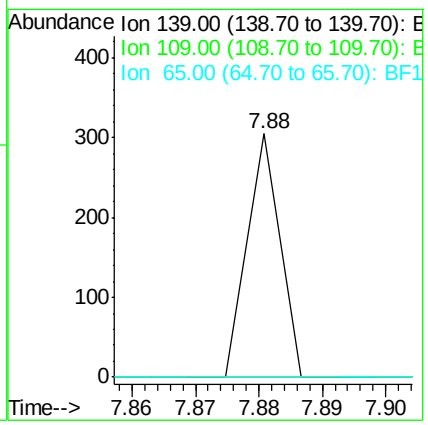


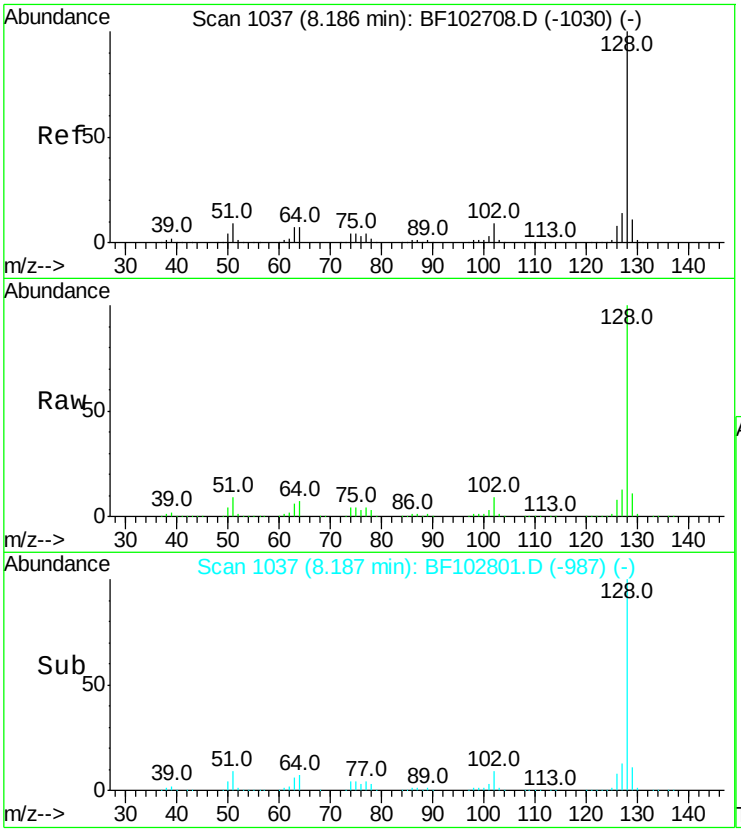


#26
2-Nitrophenol
Concen: 8.683 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.10 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	0.0	40.5	60.7#

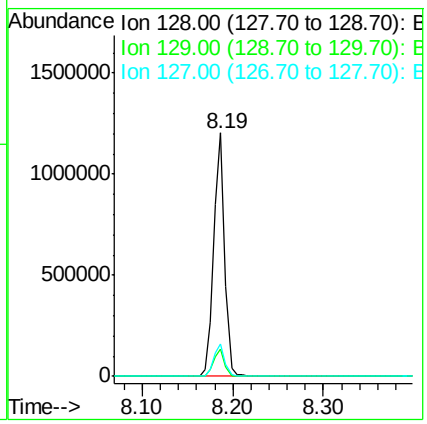


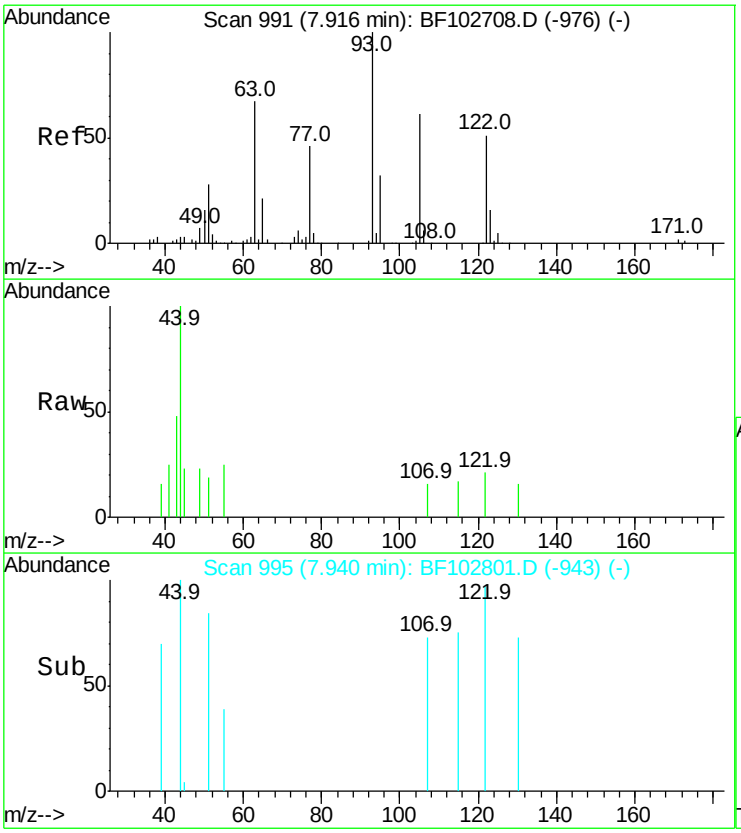


#31
Naphthalene
Concen: 28.178 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:128 Resp: 1020974

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3

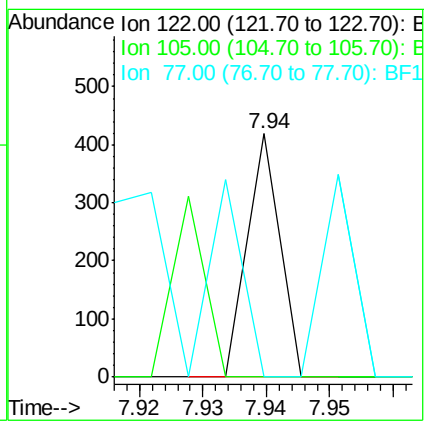


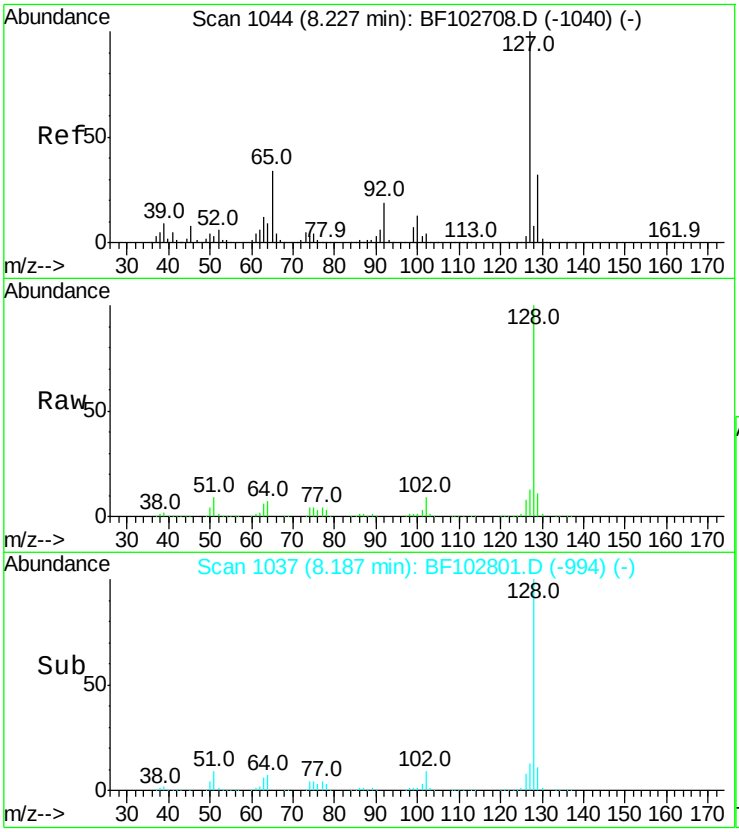


#32
Benzoic acid
Concen: 8.562 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:122 Resp: 148

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

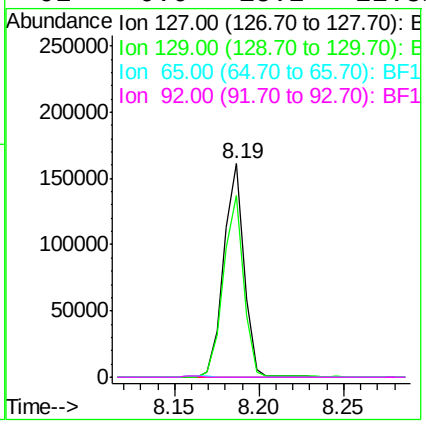


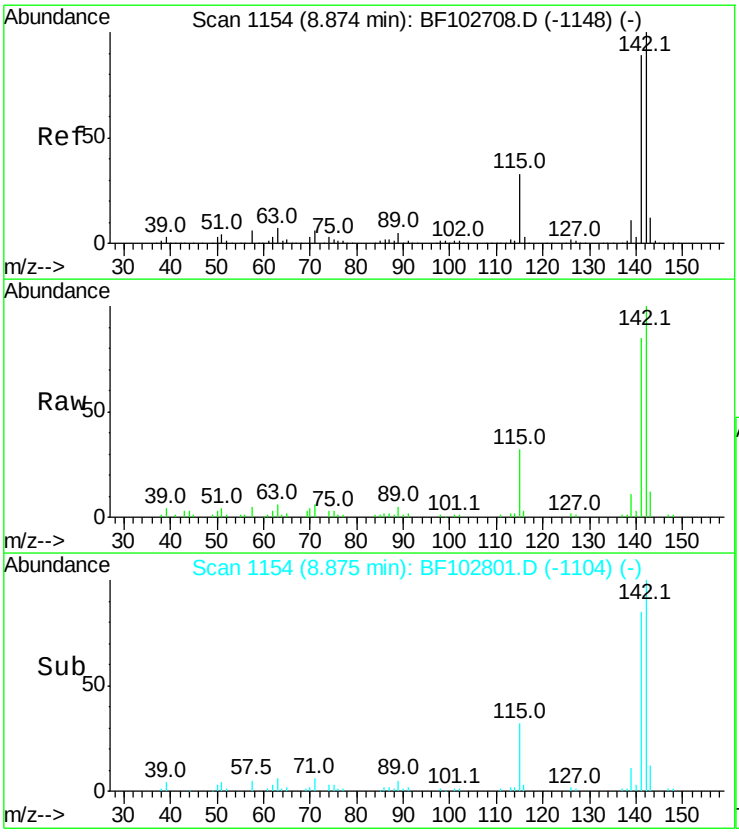


#33
4-Chloroaniline
Concen: 8.674 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:127 Resp: 135389

Ion	Ratio	Lower	Upper
127	100		
129	85.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

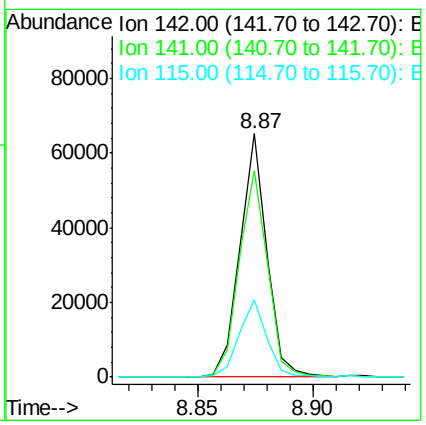


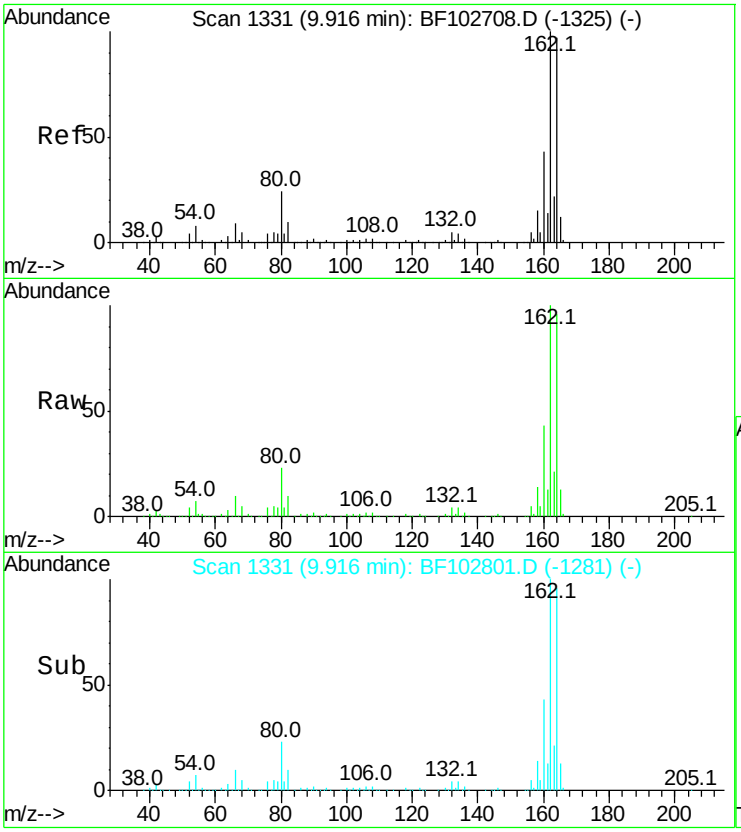


#37
2-Methylnaphthalene
Concen: 2.243 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:142 Resp: 53203

Ion	Ratio	Lower	Upper
142	100		
141	84.9	70.8	106.2
115	31.9	26.1	39.1

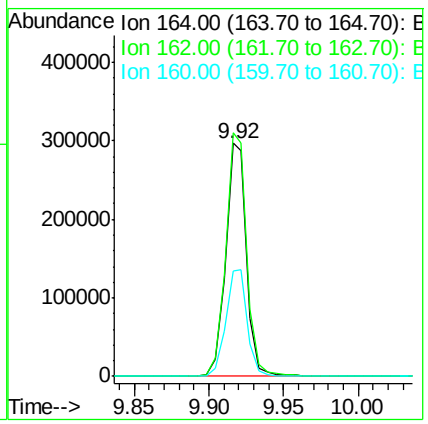


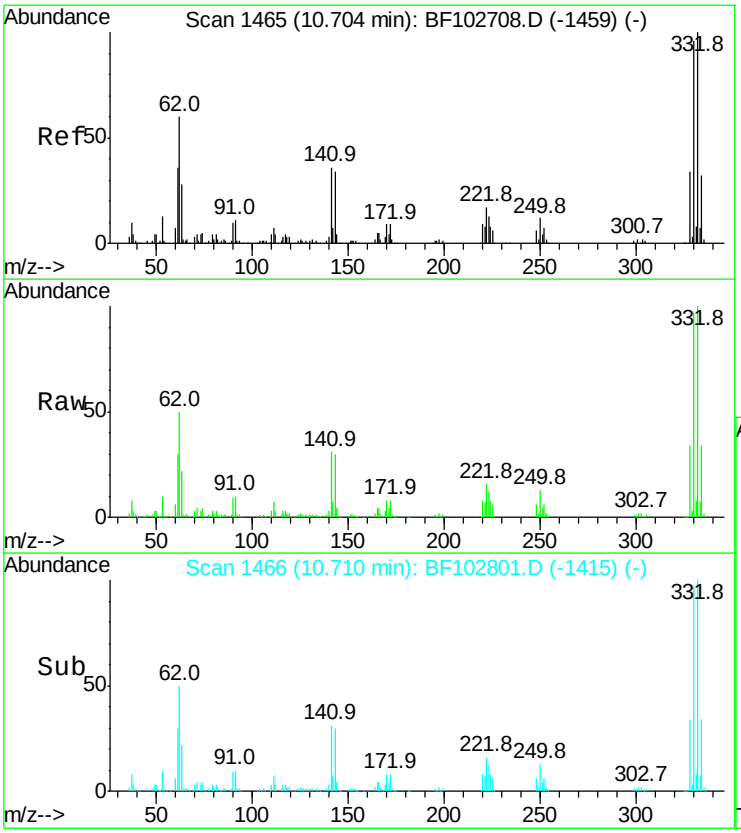


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:164 Resp: 293117

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.2	38.3	57.5

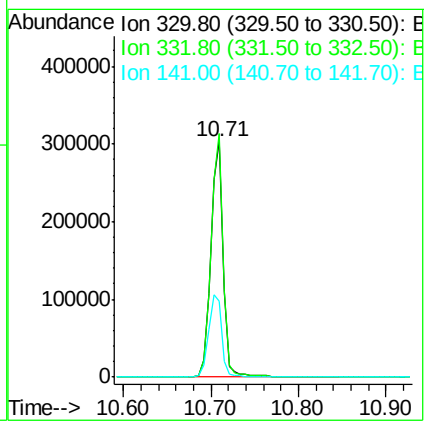


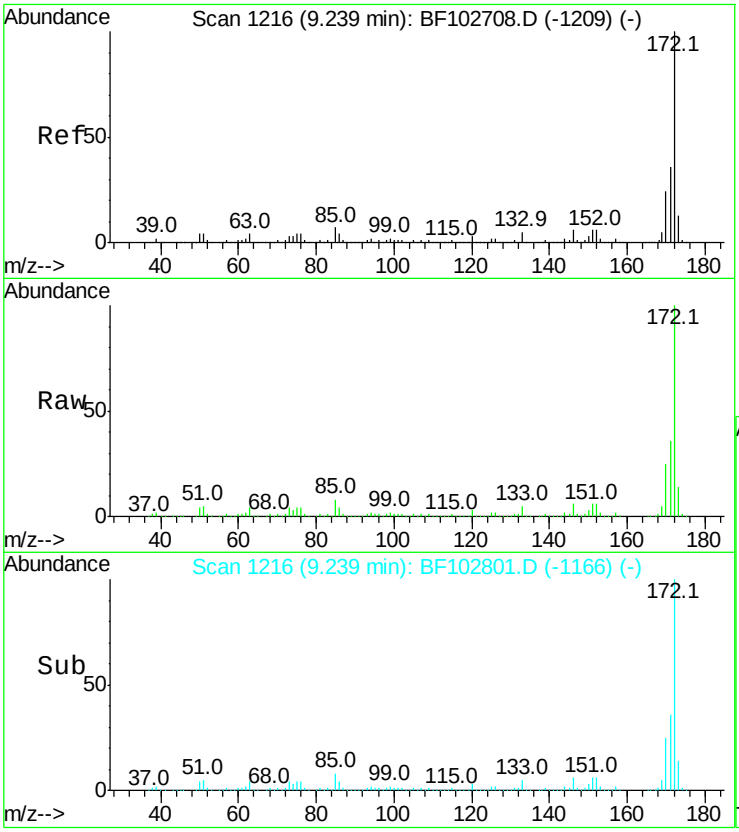


#41
2,4,6-Tribromophenol
Concen: 125.963 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:330 Resp: 297178

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	37.6	29.9	44.9

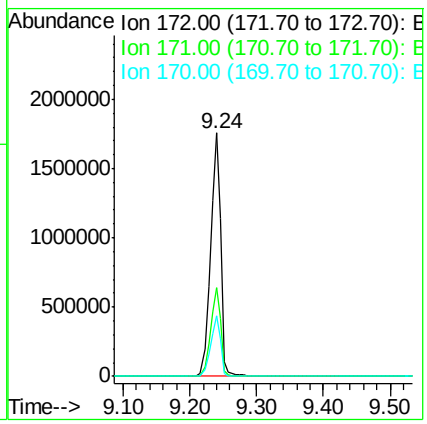


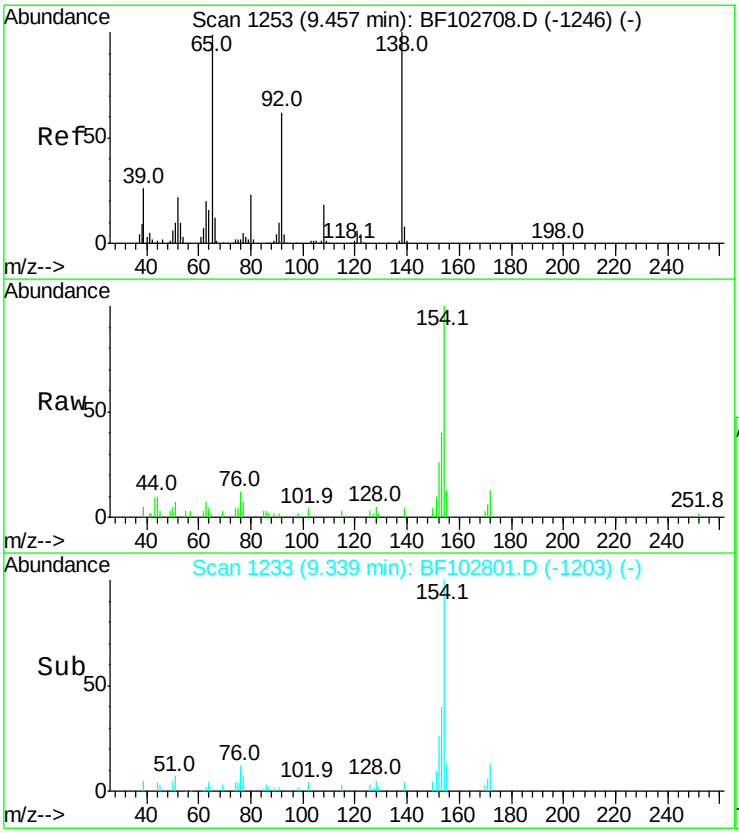


#44
2-Fluorobiphenyl
Concen: 105.414 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:172 Resp: 1862092

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

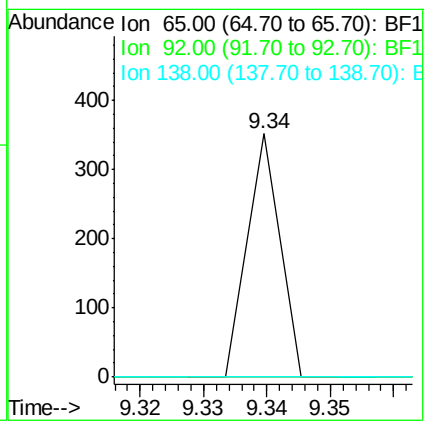


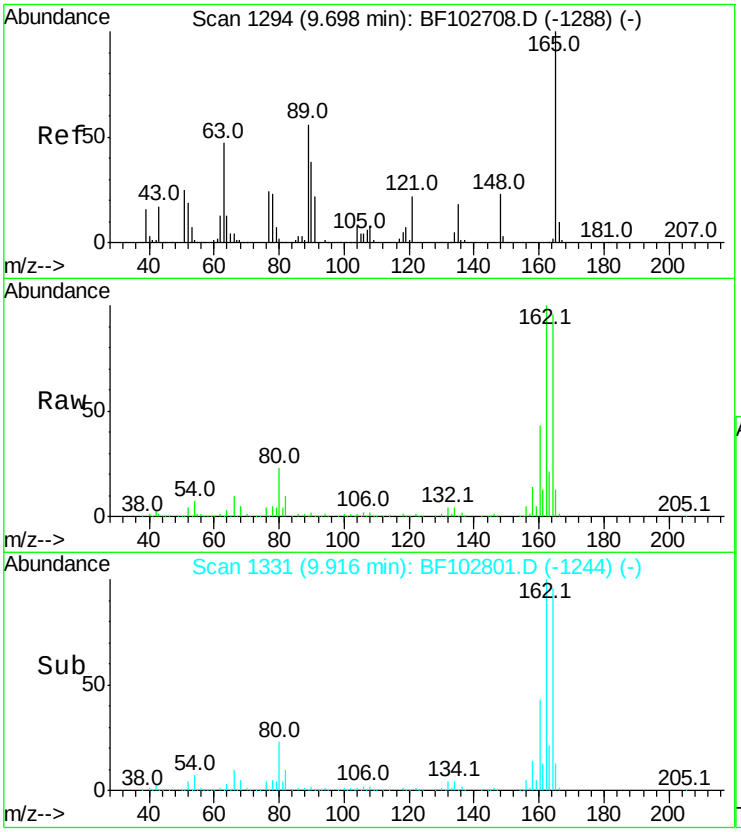


#47
2-Nitroaniline
Concen: 3.491 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.12 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion: 65 Resp: 124

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

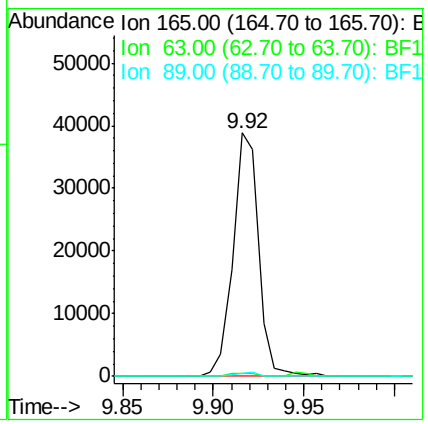


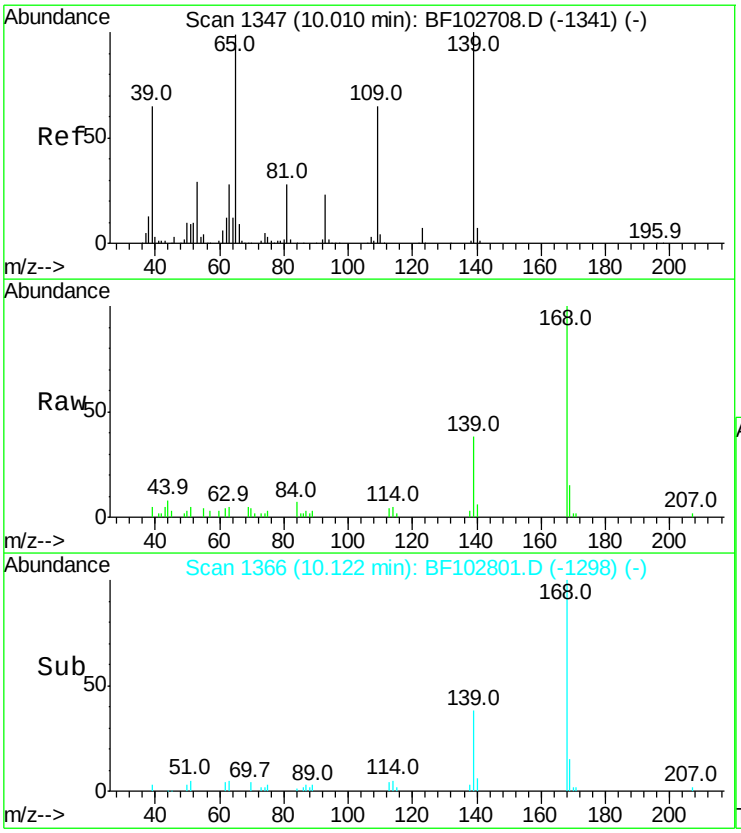


#50
2,6-Dinitrotoluene
Concen: 8.790 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:165 Resp: 38222

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#

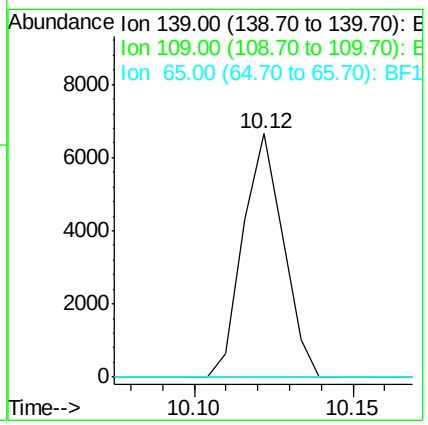


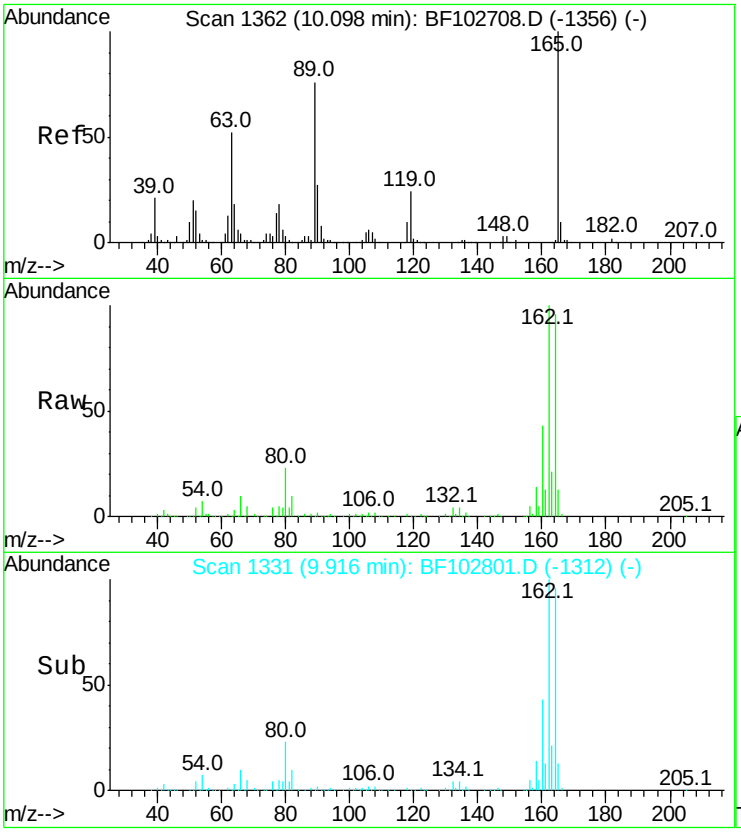


#55
4-Nitrophenol
Concen: 5.288 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:139 Resp: 5850

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

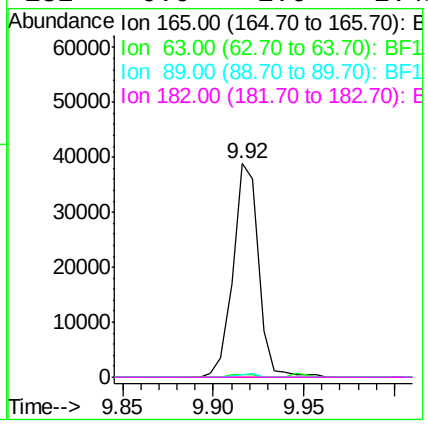


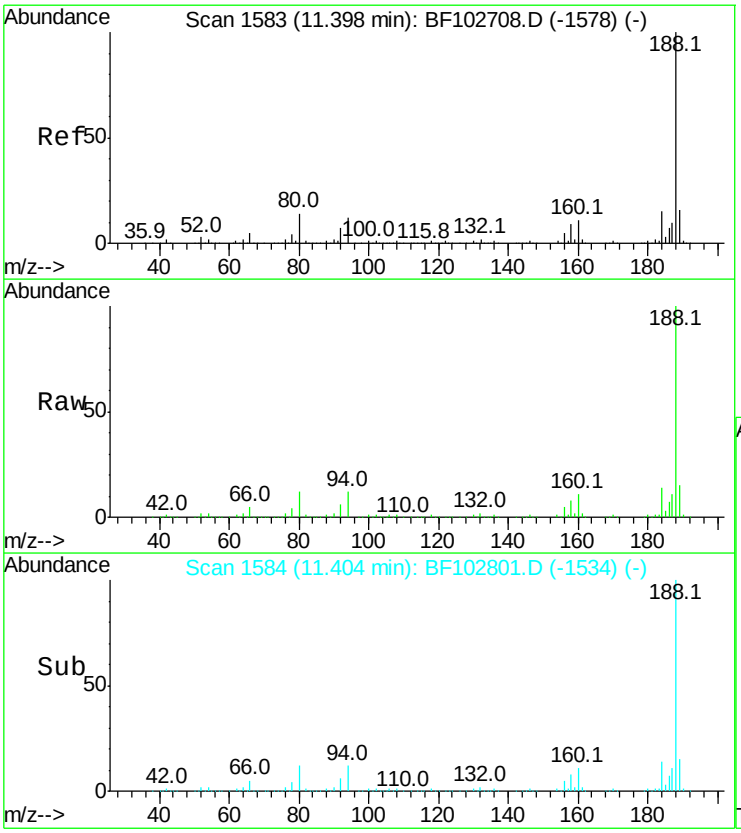


#56
2,4-Dinitrotoluene
Concen: 9.210 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:165 Resp: 38222

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

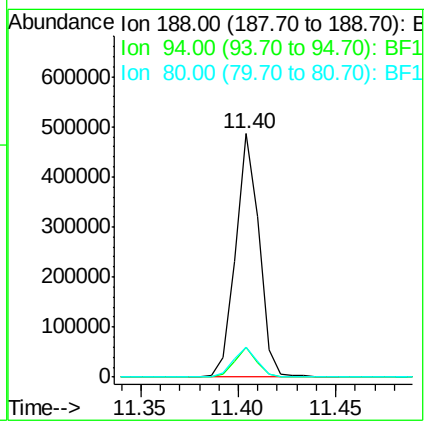


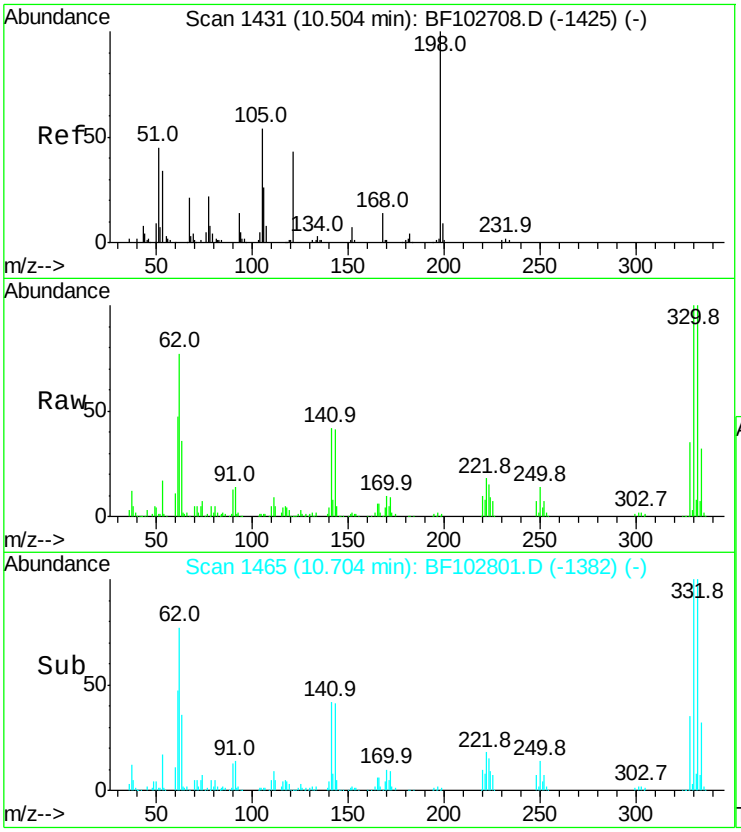


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:188 Resp: 406261

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	12.5	9.2	13.8

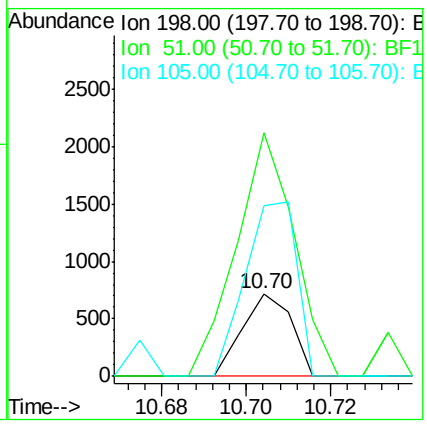


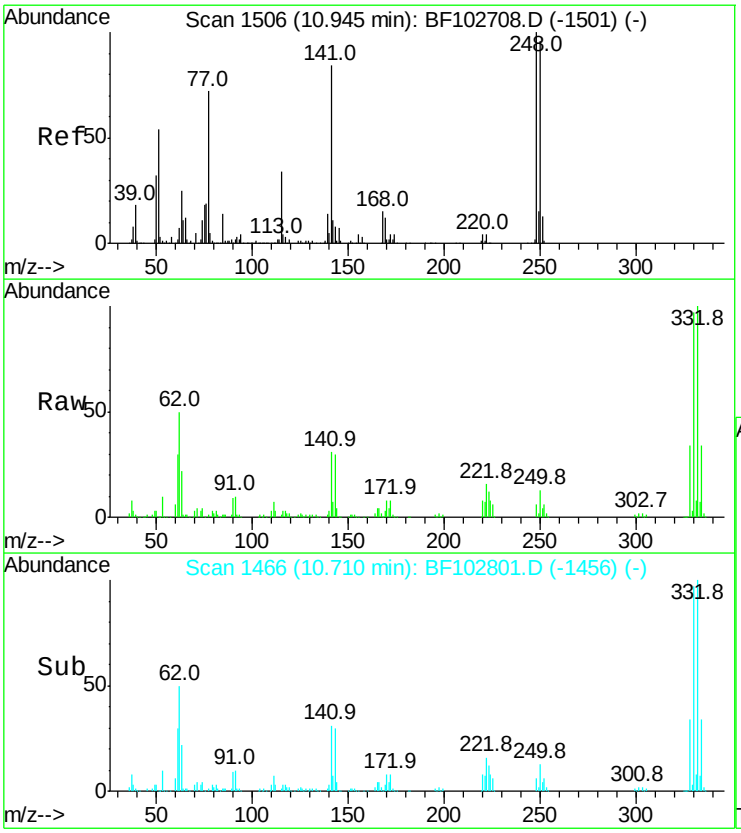


#64
4,6-Dinitro-2-methylphenol
Concen: 9.108 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:198 Resp: 577

Ion	Ratio	Lower	Upper
198	100		
51	295.3	37.7	77.7#
105	207.1	36.3	76.3#

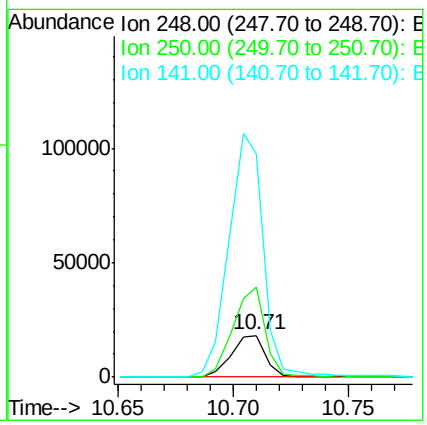


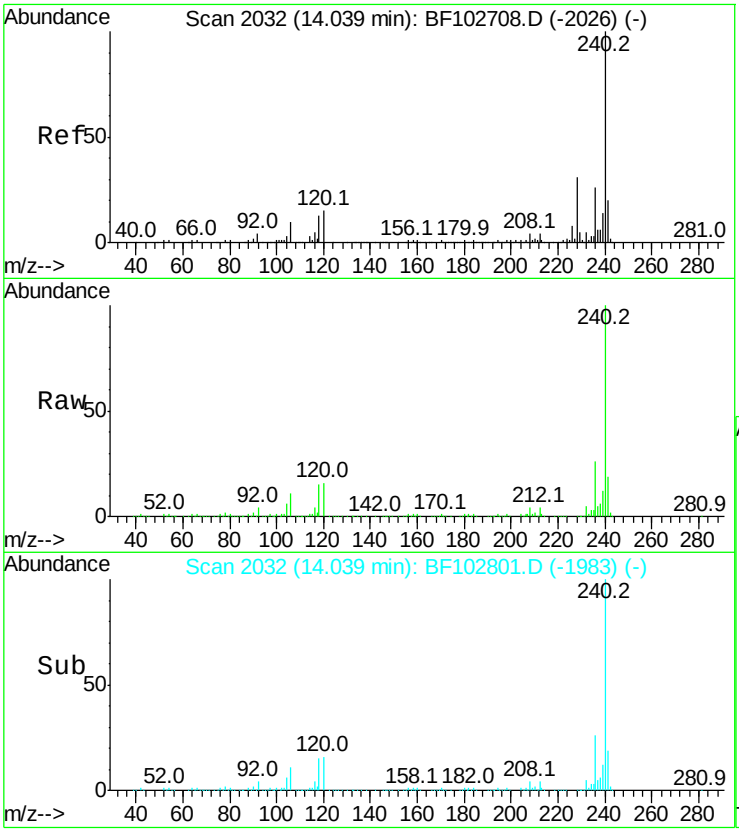


#66
4-Bromophenyl-phenylether
Concen: 4.336 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:248 Resp: 18636

Ion	Ratio	Lower	Upper
248	100		
250	218.5	76.9	115.3#
141	539.3	74.4	111.6#

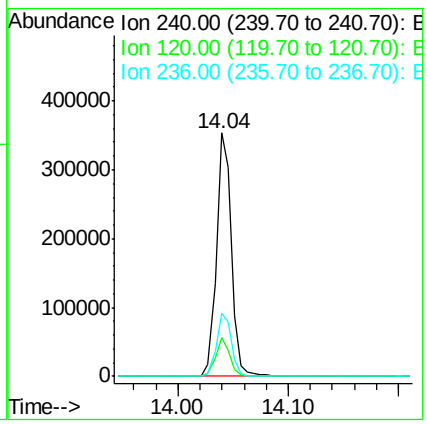


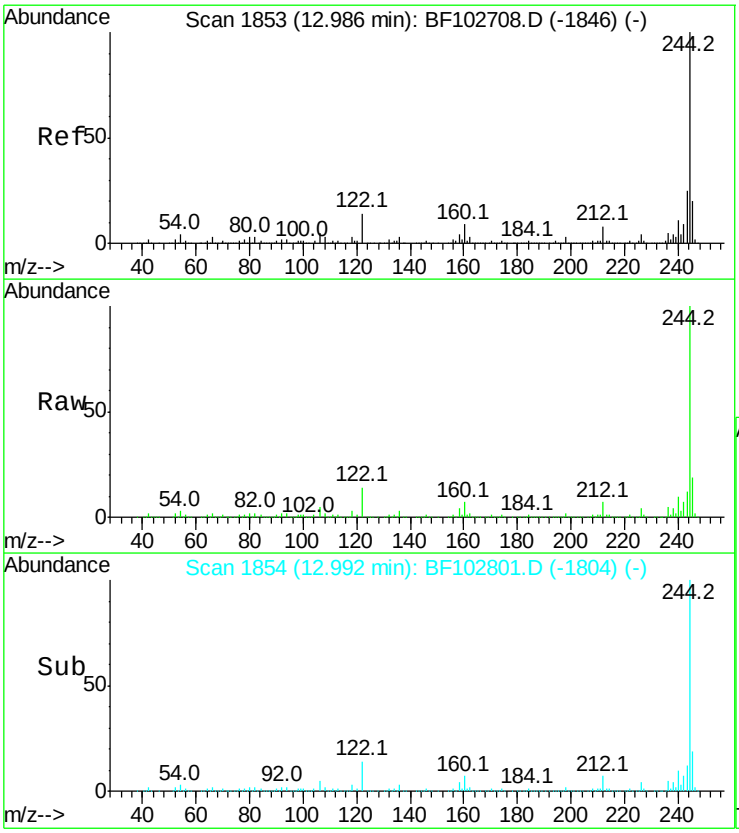


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:240 Resp: 329537

Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3#
236	25.8	20.7	31.1

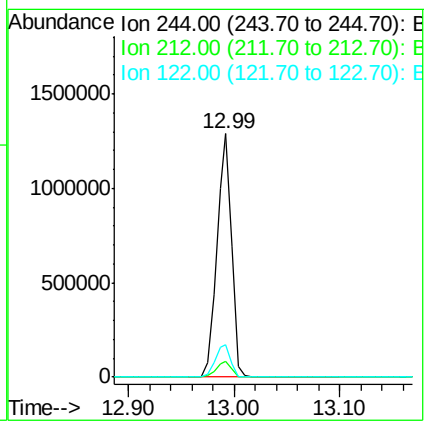


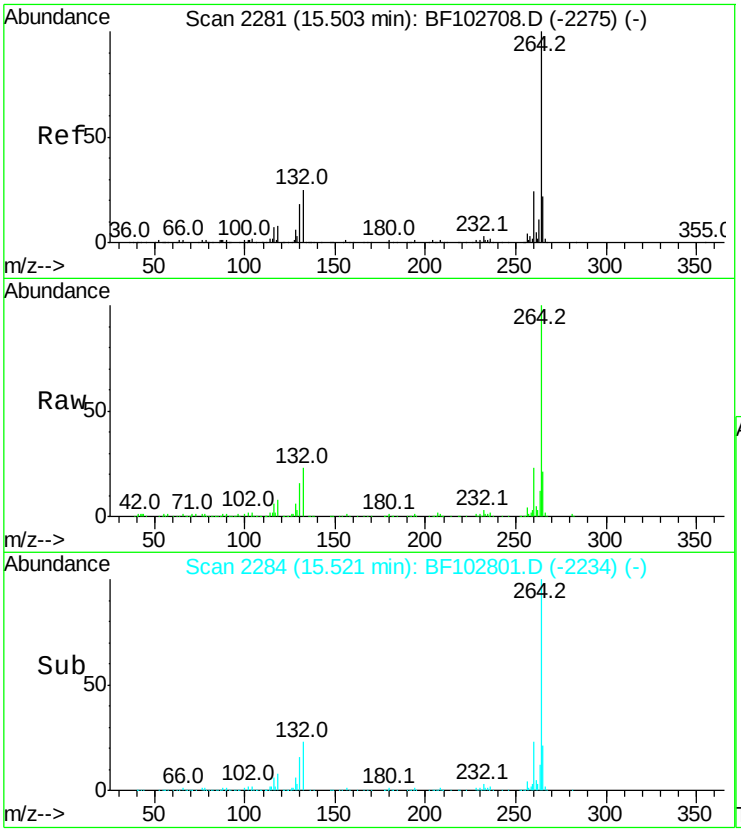


#78
Terphenyl-d14
Concen: 91.153 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:244 Resp: 1268629

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102801.D
Acq: 6 Feb 2018 23:52

Tgt Ion:264 Resp: 298903

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3