Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102802.D
Acq On : 7 Feb 2018 00:18
Operator : SJ/JU
Sample : J1460-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 07 01:30:51 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	186552	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	742001	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	290512	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	397437	20.00	ng		0.00
75) Chrysene-d12	14.04	240	327257	20.00	ng		0.00
86) Perylene-d12	15.52	264	296317	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1345723	109.55	ng		0.02
7) Phenol-d6	6.51	99	1407370	95.15	ng		0.00
23) Nitrobenzene-d5	7.45	82	1066745	99.73	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	261185	111.70	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1784775	101.94	ng		0.00
78) Terphenyl-d14	12.99	244	1178892	85.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	29288	2.666	ng		83
19) n-Nitroso-di-n-propylamine	7.45	70	140388	14.396	ng	#	80
25) Isophorone	7.45	82	1064528	43.221	ng	#	64
26) 2-Nitrophenol	7.55	139	999	8.825	ng	#	34
31) Naphthalene	8.19	128	170210	4.695	ng		98
32) Benzoic acid	7.94	122	175	8.566	ng	#	1
47) 2-Nitroaniline	9.24	65	3194	3.971	ng	#	1
50) 2,6-Dinitrotoluene	9.92	165	37261	8.646	ng	#	26
55) 4-Nitrophenol	10.12	139	2514	4.572	ng	#	9
56) 2,4-Dinitrotoluene	9.92	165	37261	9.109	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	694	9.180	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	17457	4.152	ng	#	1

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

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Acq On : 7 Feb 2018 00:18
Operator : SJ/JU
Sample : J1460-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 07 01:30:51 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
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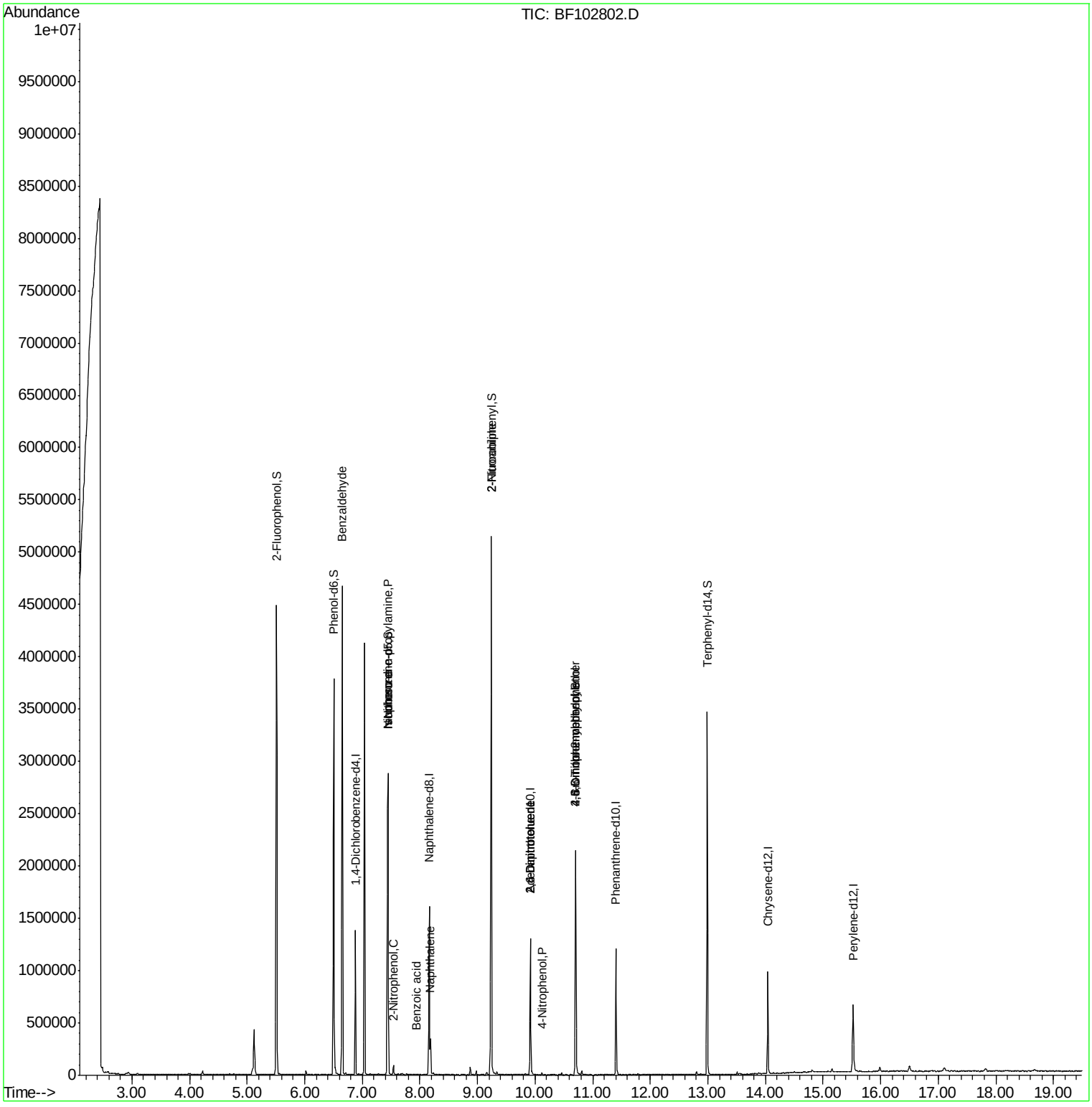
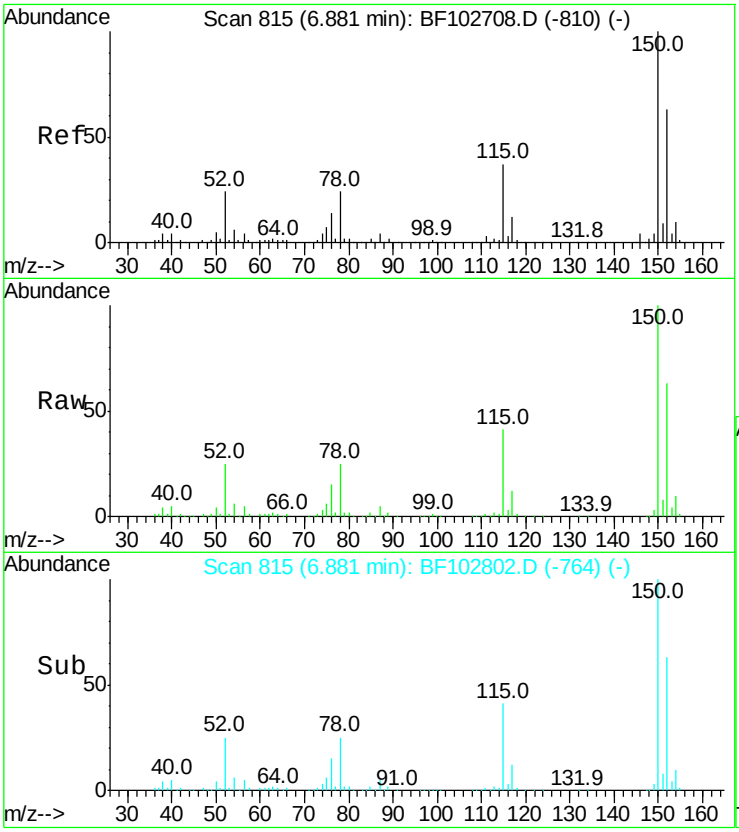
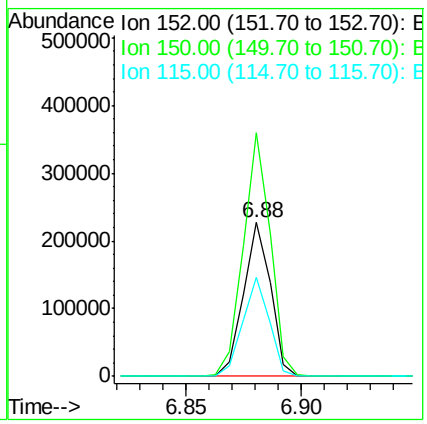


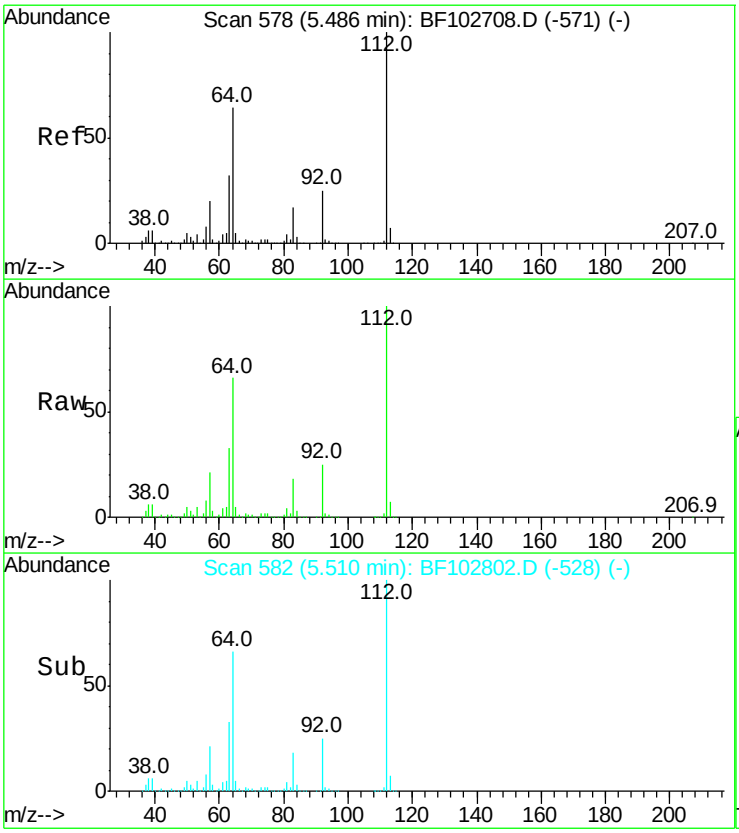


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:152 Resp: 186552

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	64.2	50.1	75.1

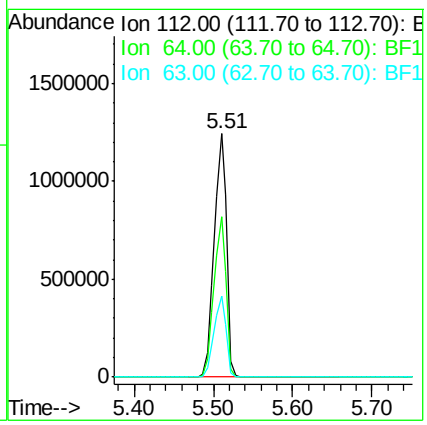


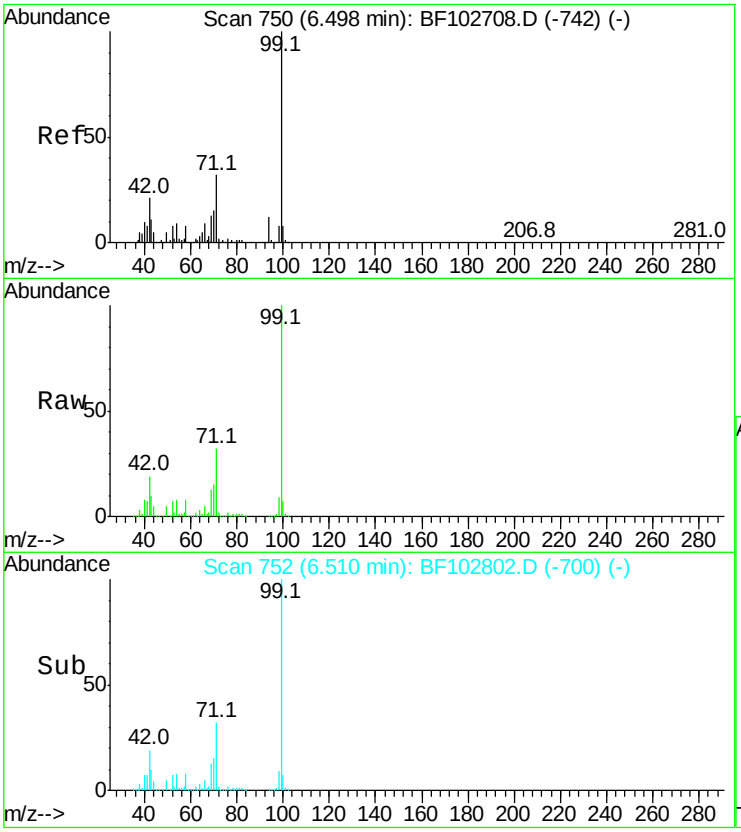


#5
2-Fluorophenol
Concen: 109.551 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:112 Resp: 1345723

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	33.2	23.7	35.5

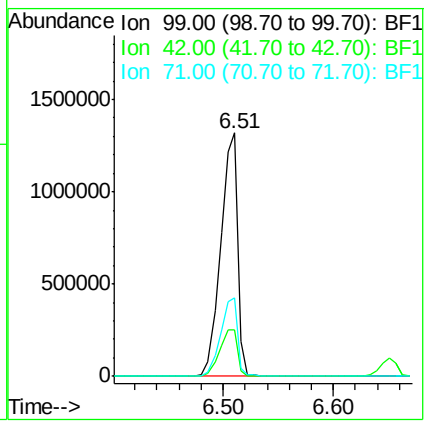


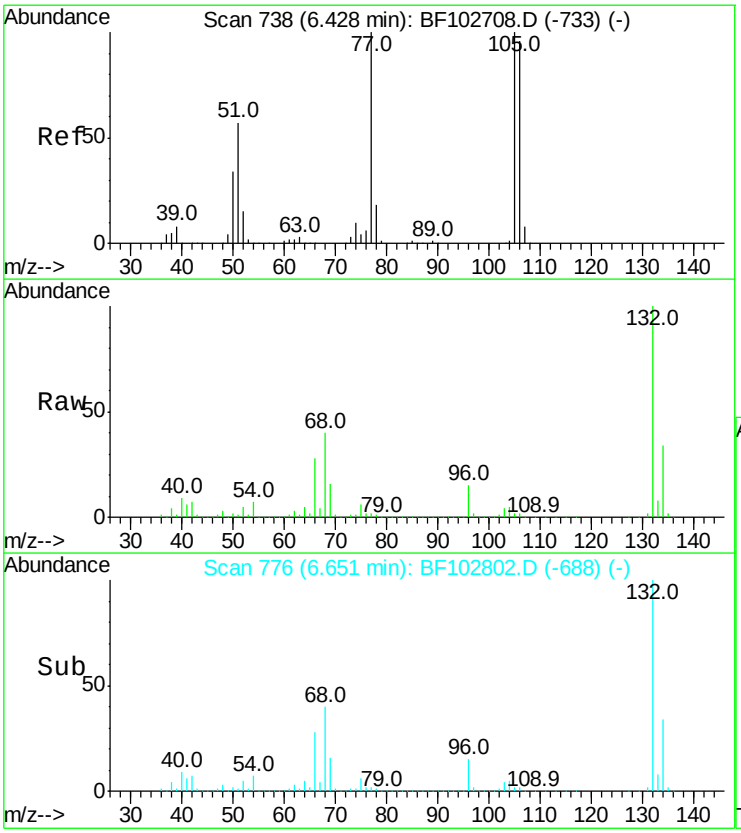


#7
Phenol-d6
Concen: 95.152 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 99 Resp: 1407370

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.3	25.4	38.0

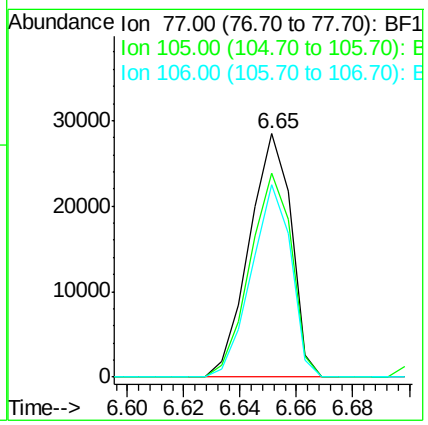


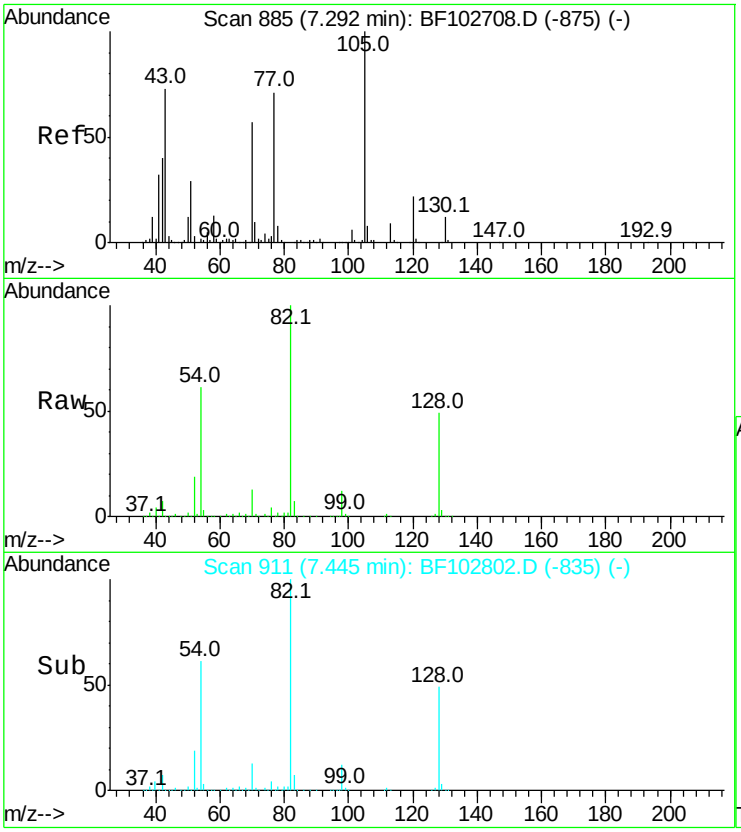


#9
Benzaldehyde
Concen: 2.666 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.22 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 77 Resp: 29288

Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	79.0	74.5	114.5

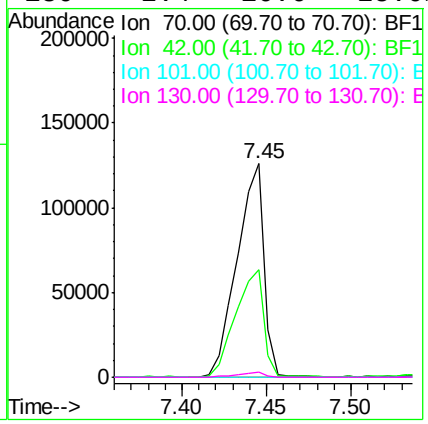


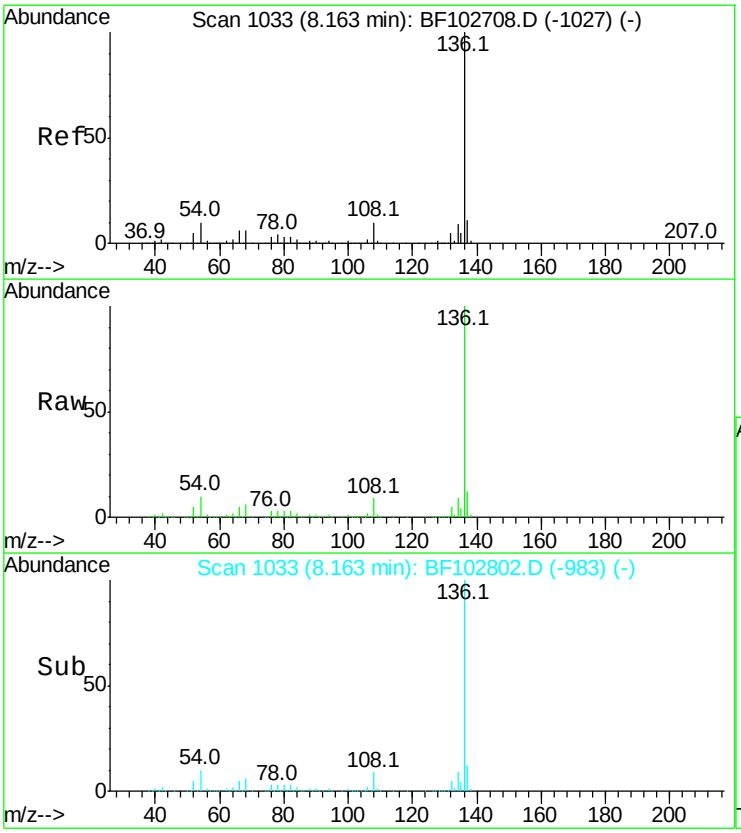


#19
n-Nitroso-di-n-propylamine
Concen: 14.396 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 70 Resp: 140388

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

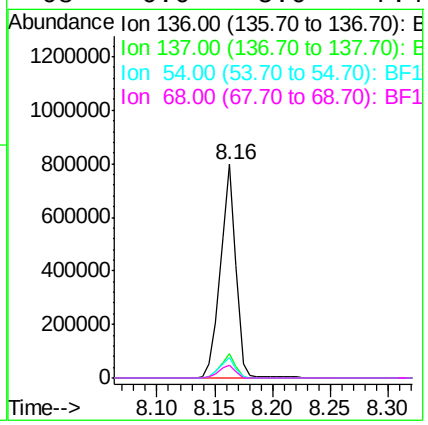


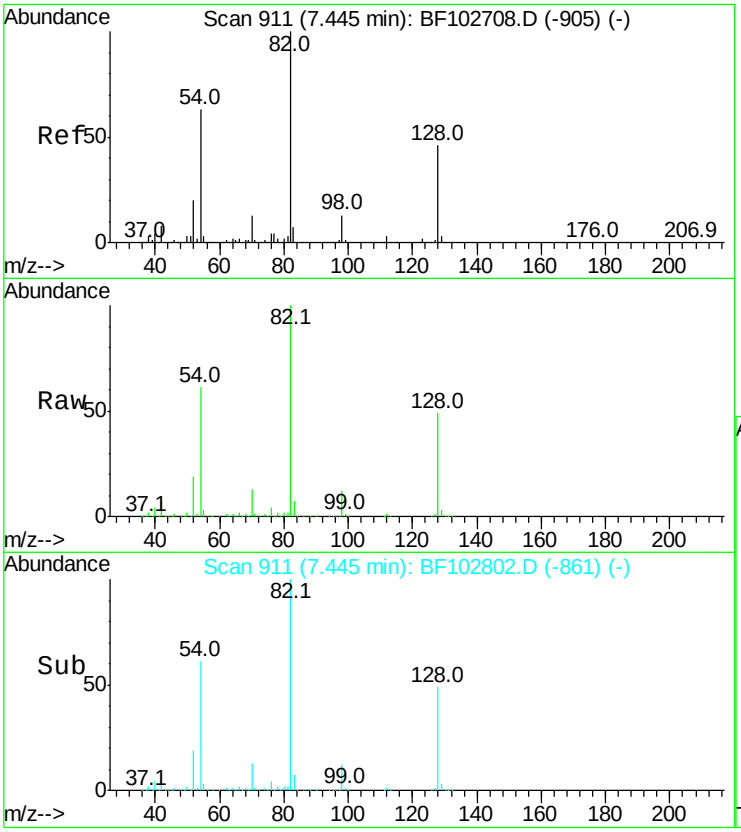


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:136 Resp: 742001

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.6	6.6	9.8
68	6.0	5.0	7.4

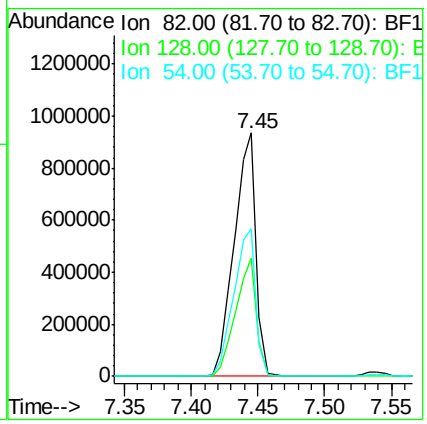


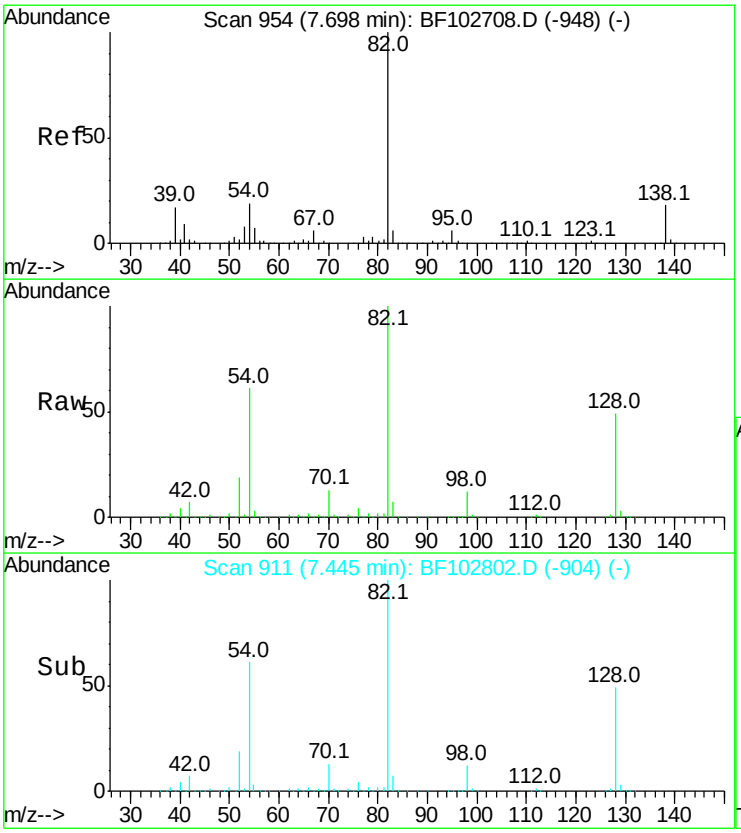


#23
Nitrobenzene-d5
Concen: 99.731 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 82 Resp: 1066745

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	60.7	41.4	62.2

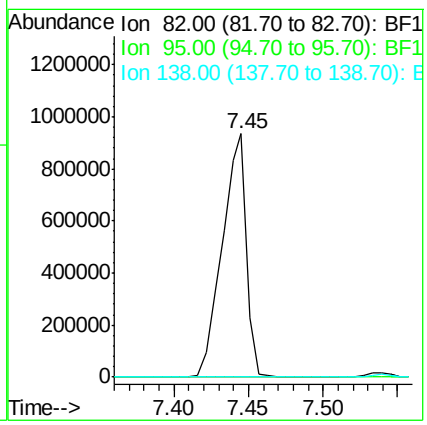


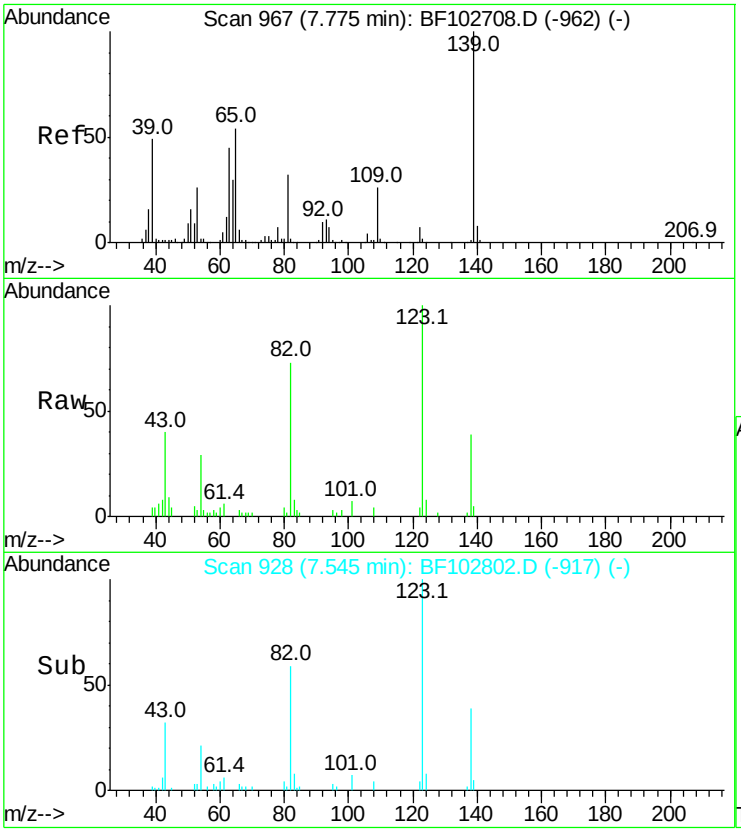


#25
Isophorone
Concen: 43.221 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 82 Resp: 1064528

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

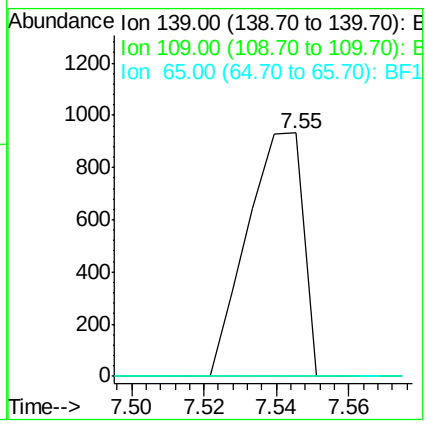


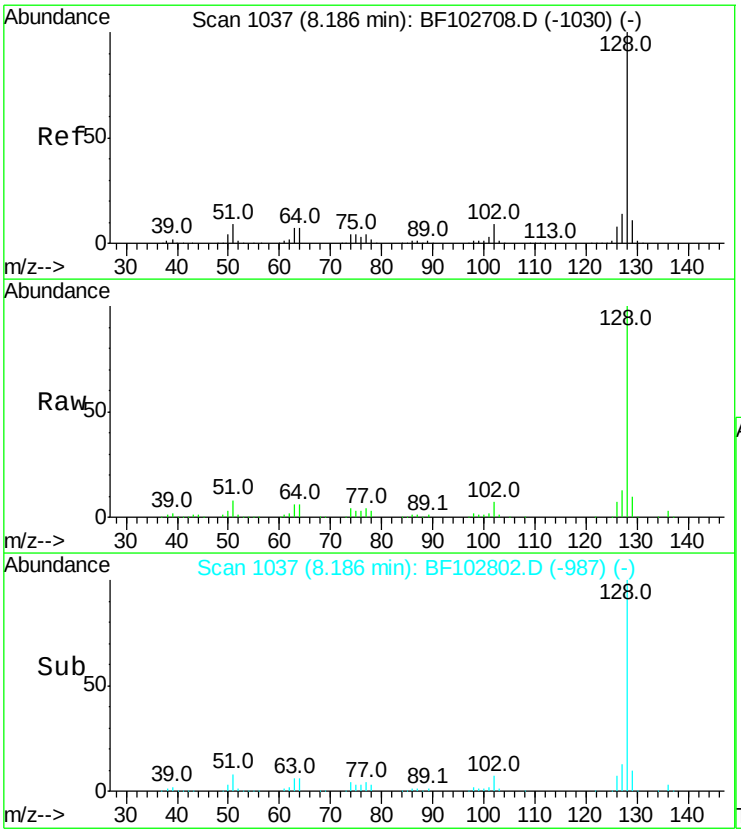


#26
2-Nitrophenol
Concen: 8.825 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.24 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:139 Resp: 999

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

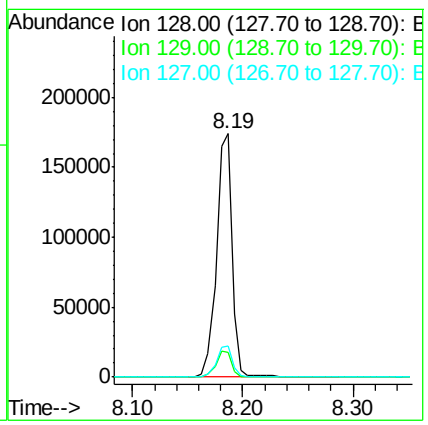


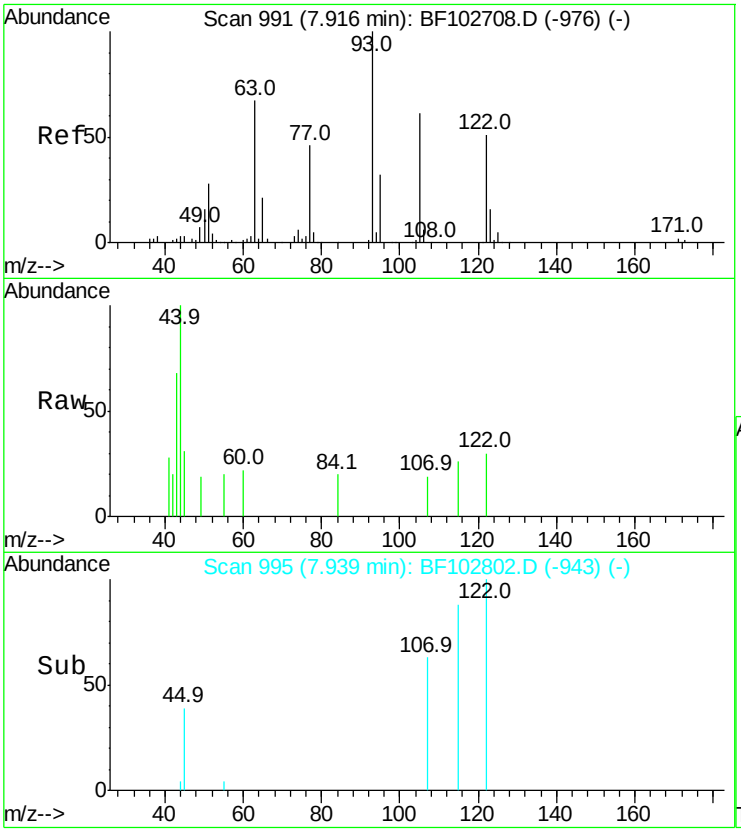


#31
Naphthalene
Concen: 4.695 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:128 Resp: 170210

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.6	10.9	16.3

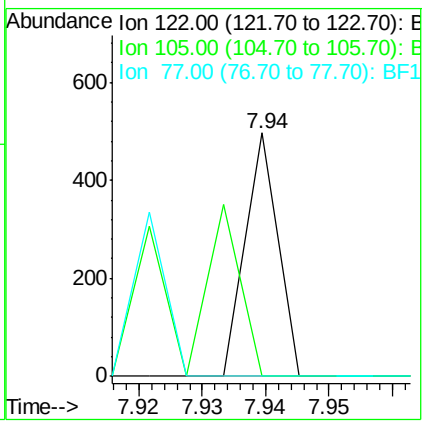


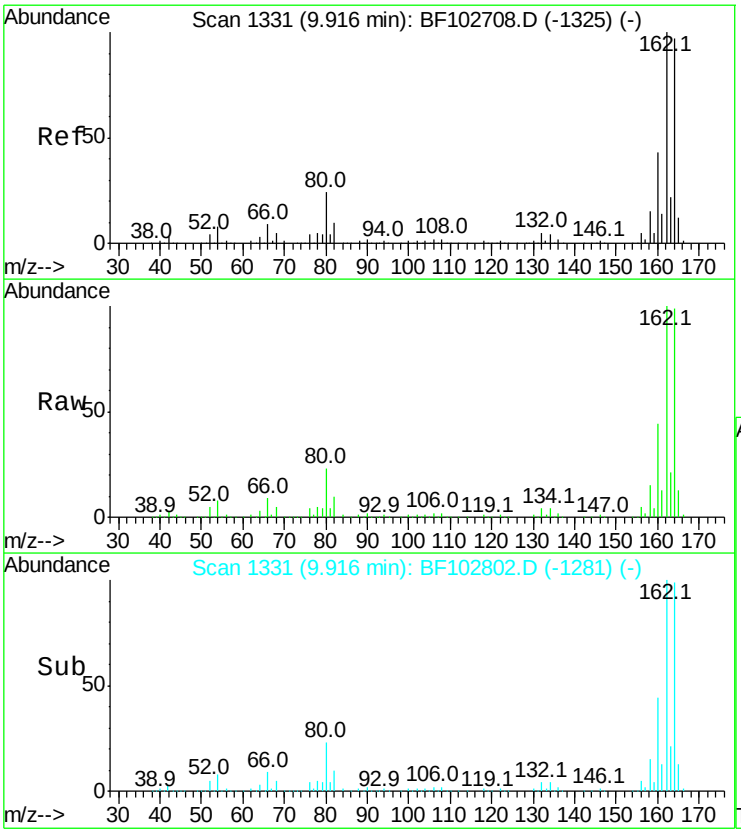


#32
Benzoic acid
Concen: 8.566 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:122 Resp: 175

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

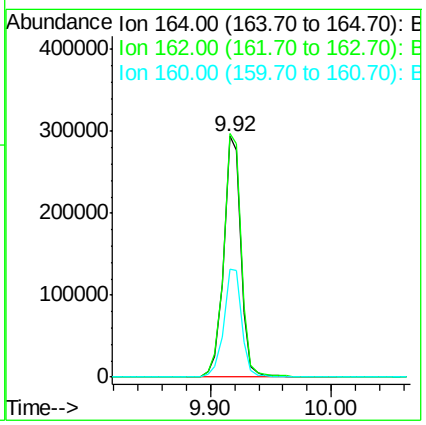


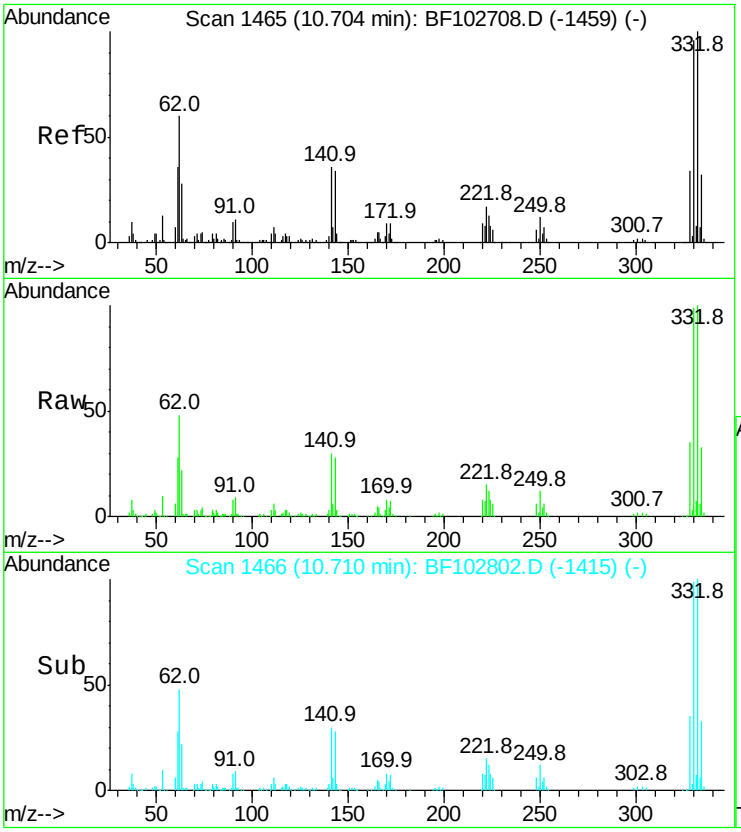


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:164 Resp: 290512

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	44.7	38.3	57.5

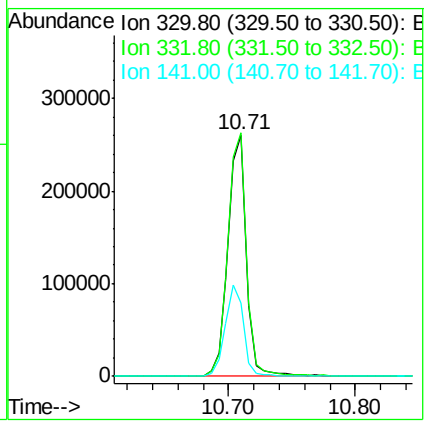


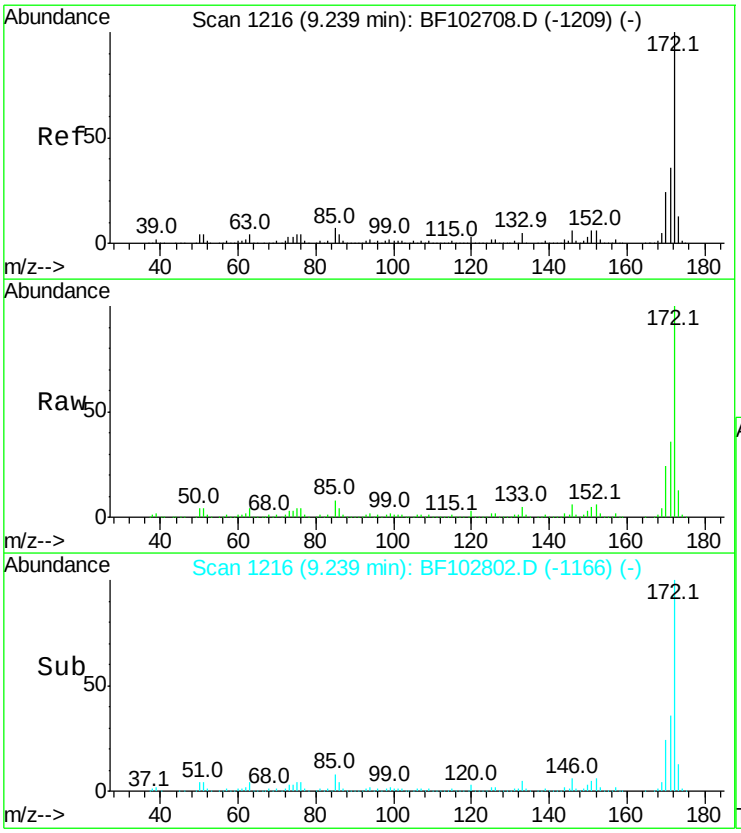


#41
2,4,6-Tribromophenol
Concen: 111.700 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:330 Resp: 261185

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	38.3	29.9	44.9

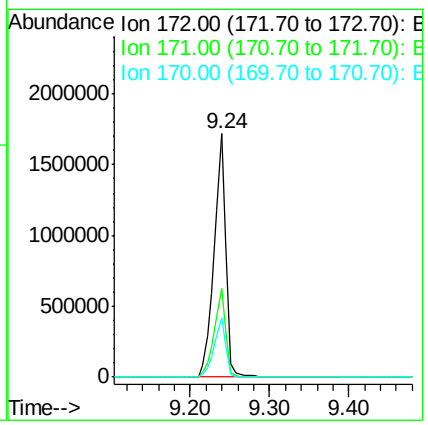


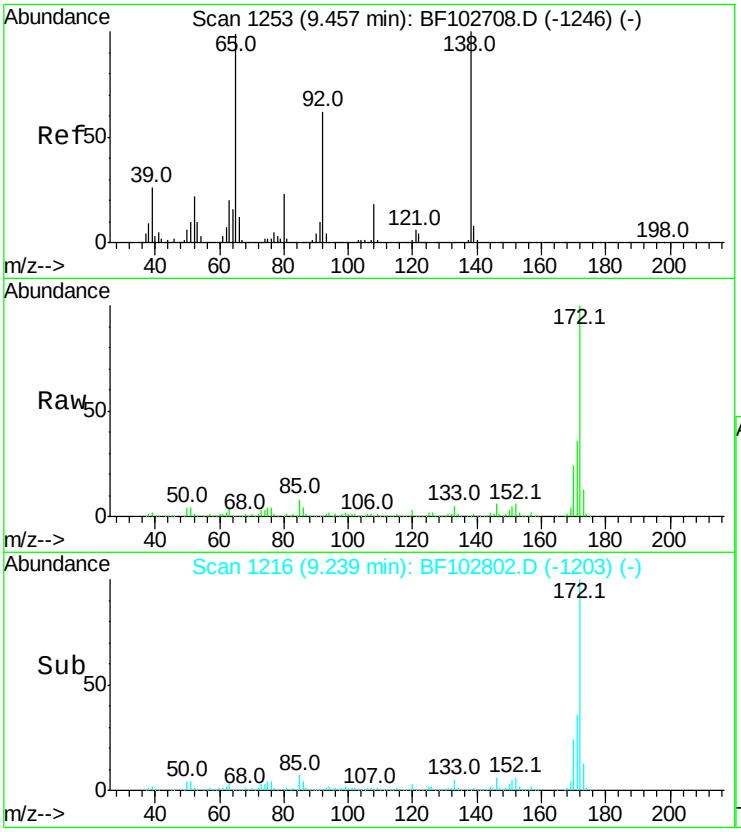


#44
2-Fluorobiphenyl
Concen: 101.943 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:172 Resp: 1784775

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

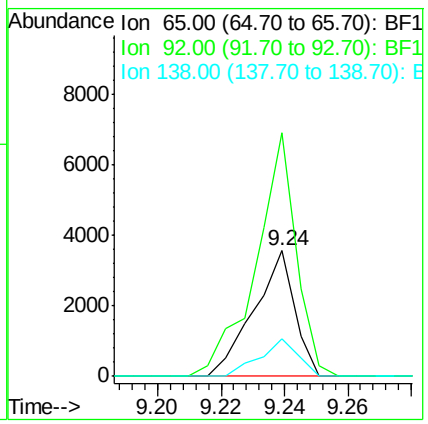


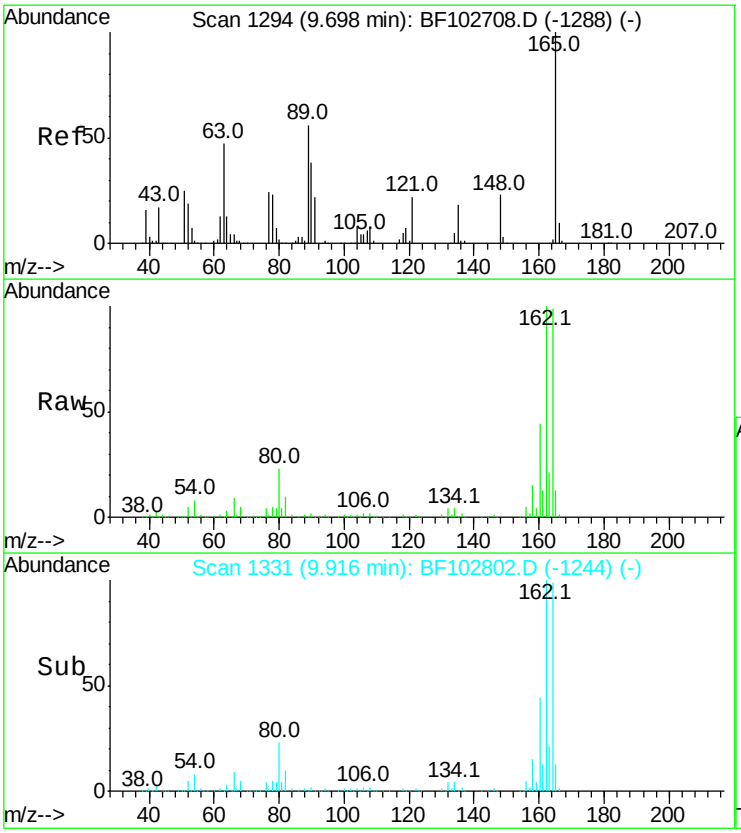


#47
2-Nitroaniline
Concen: 3.971 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion: 65 Resp: 3194

Ion	Ratio	Lower	Upper
65	100		
92	193.6	55.8	83.6#
138	29.7	91.2	136.8#

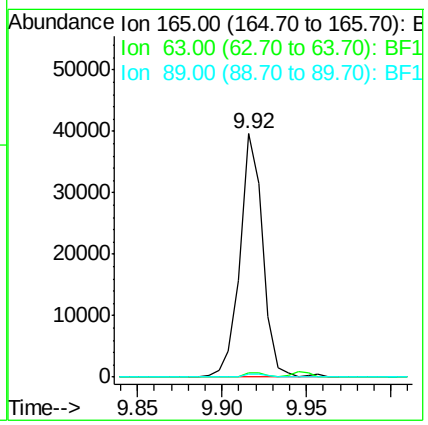


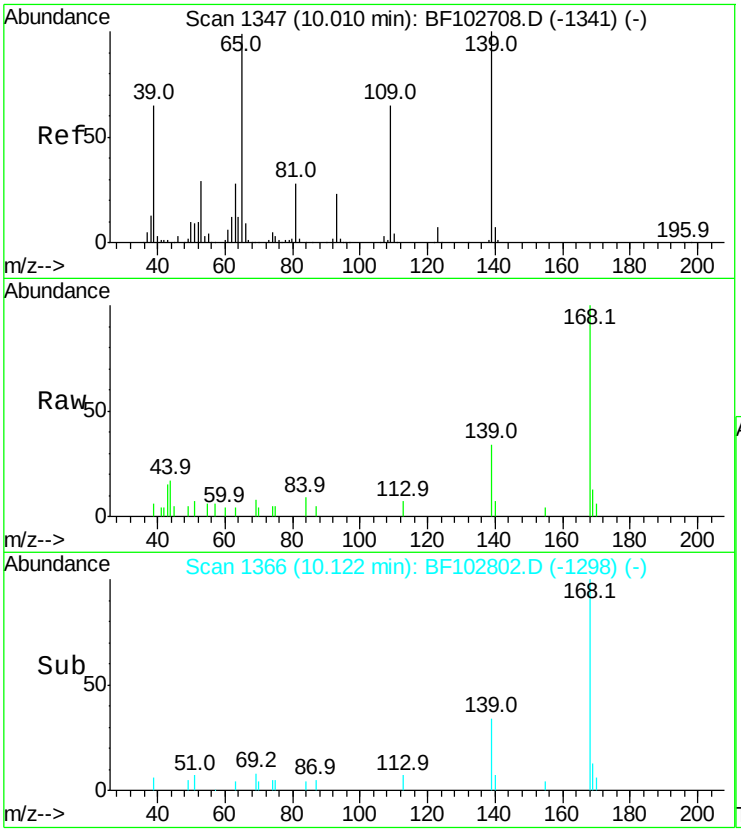


#50
2,6-Dinitrotoluene
Concen: 8.646 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:165 Resp: 37261

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.3	44.0	66.0#

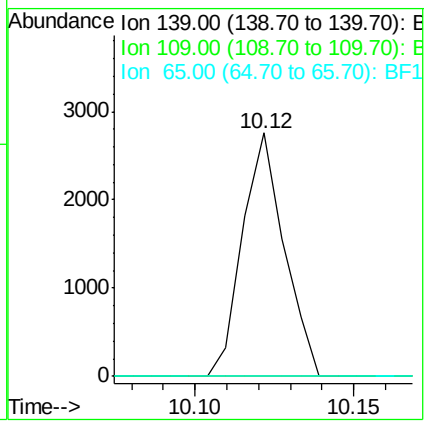


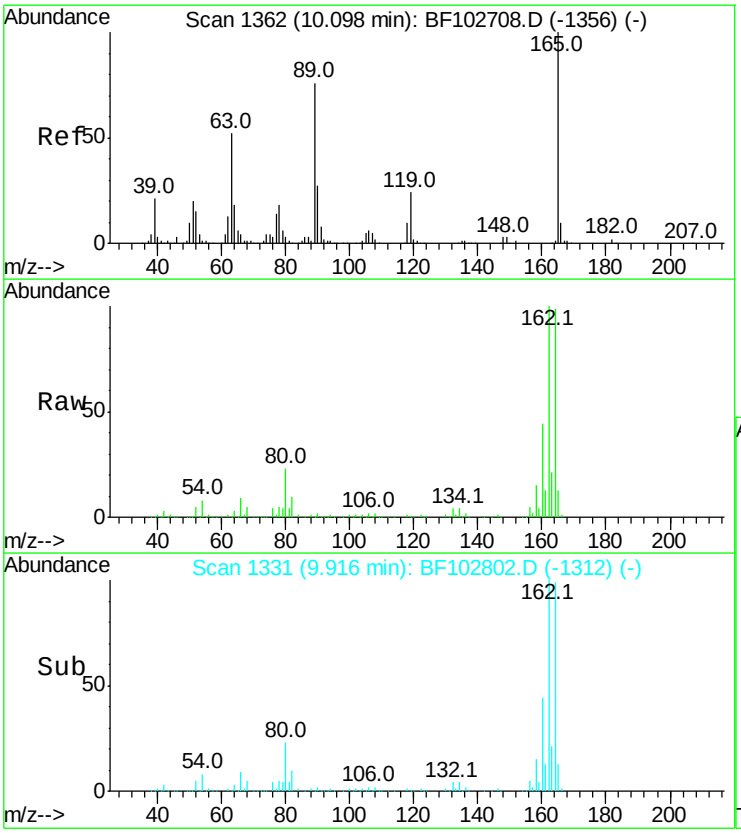


#55
4-Nitrophenol
Concen: 4.572 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:139 Resp: 2514

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

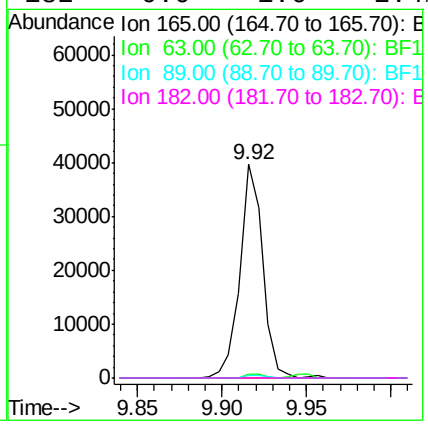


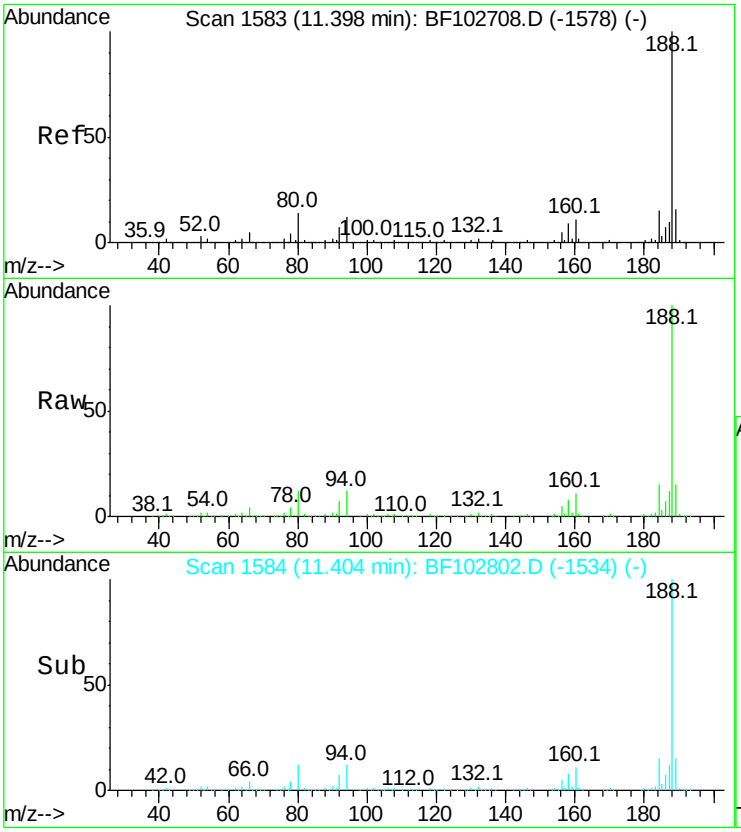


#56
2,4-Dinitrotoluene
Concen: 9.109 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:165 Resp: 37261

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

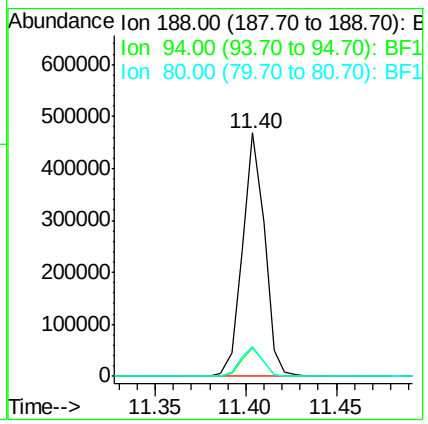


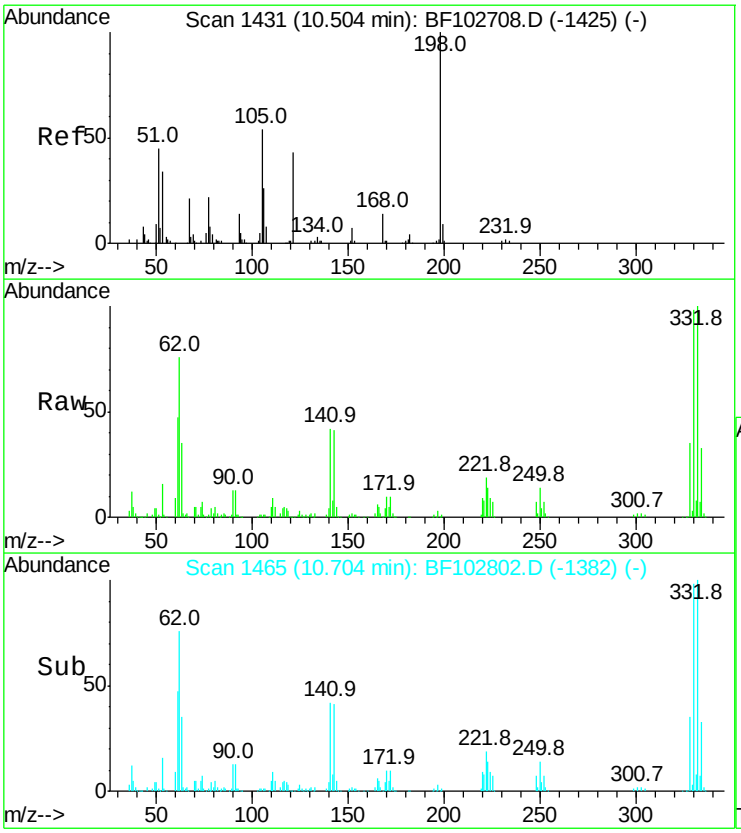


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:188 Resp: 397437

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.3	9.2	13.8

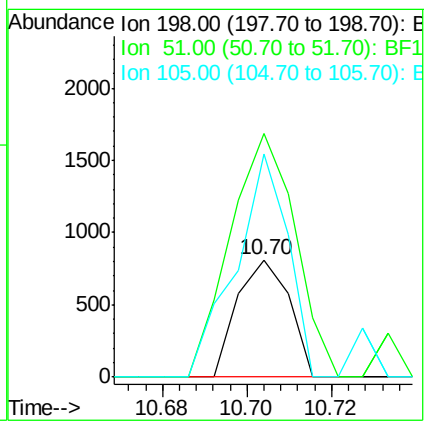


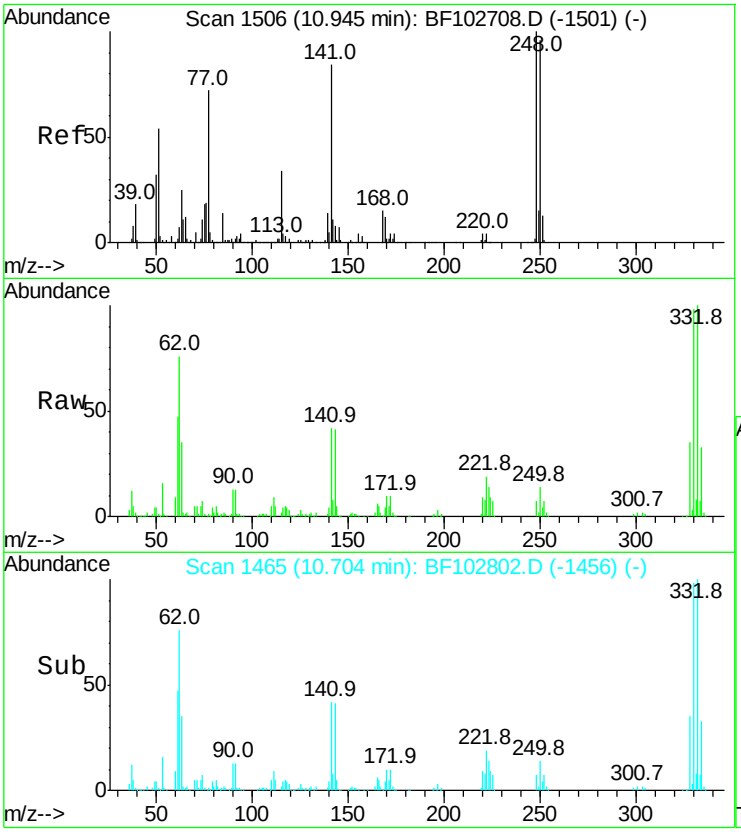


#64
4,6-Dinitro-2-methylphenol
Concen: 9.180 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:198 Resp: 694

Ion	Ratio	Lower	Upper
198	100		
51	207.4	37.7	77.7#
105	190.4	36.3	76.3#

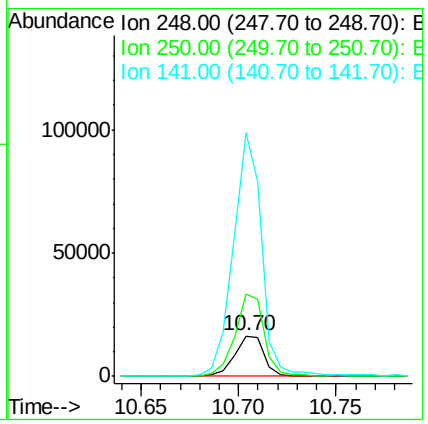


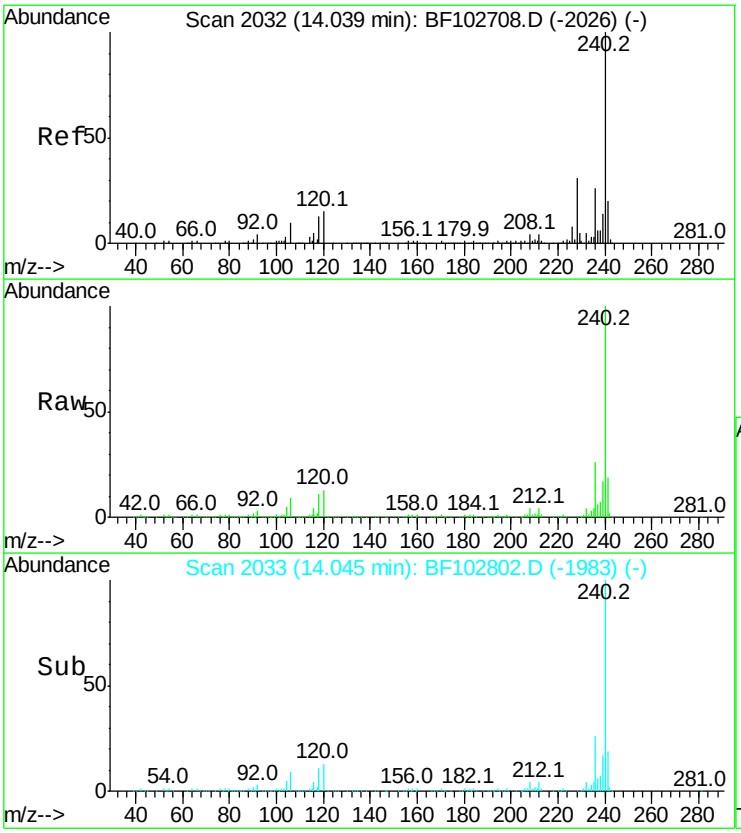


#66
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:248 Resp: 17457

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.9	115.3#
141	603.3	74.4	111.6#

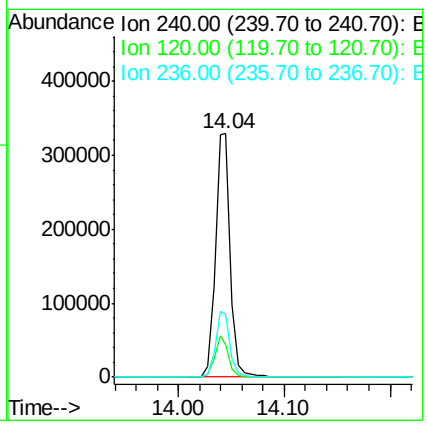


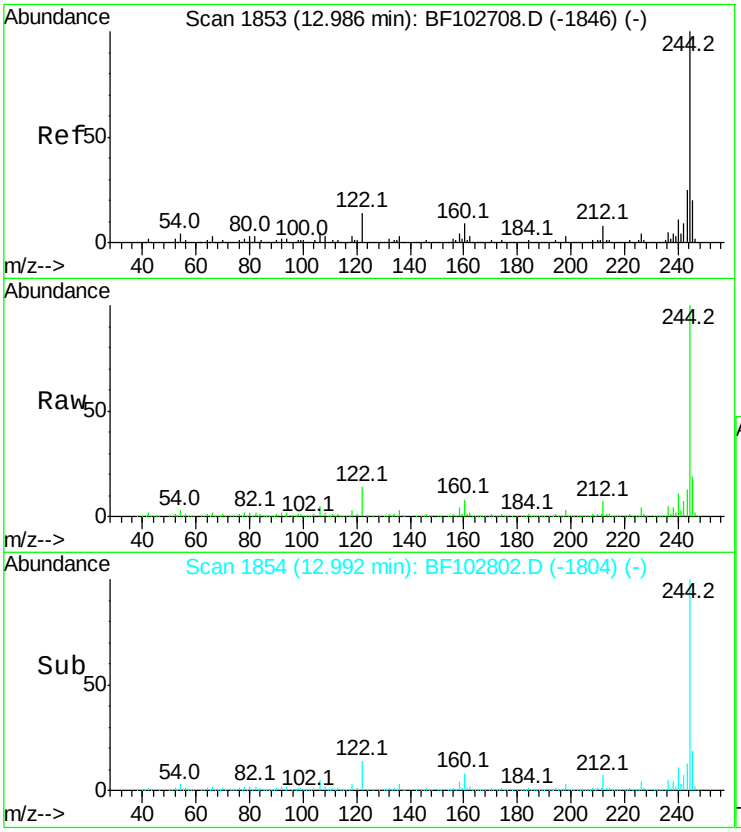


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:240 Resp: 327257

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.0	20.7	31.1

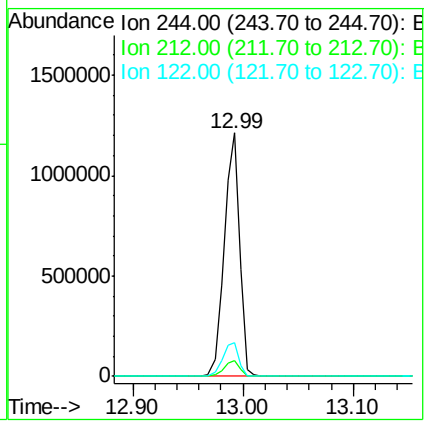


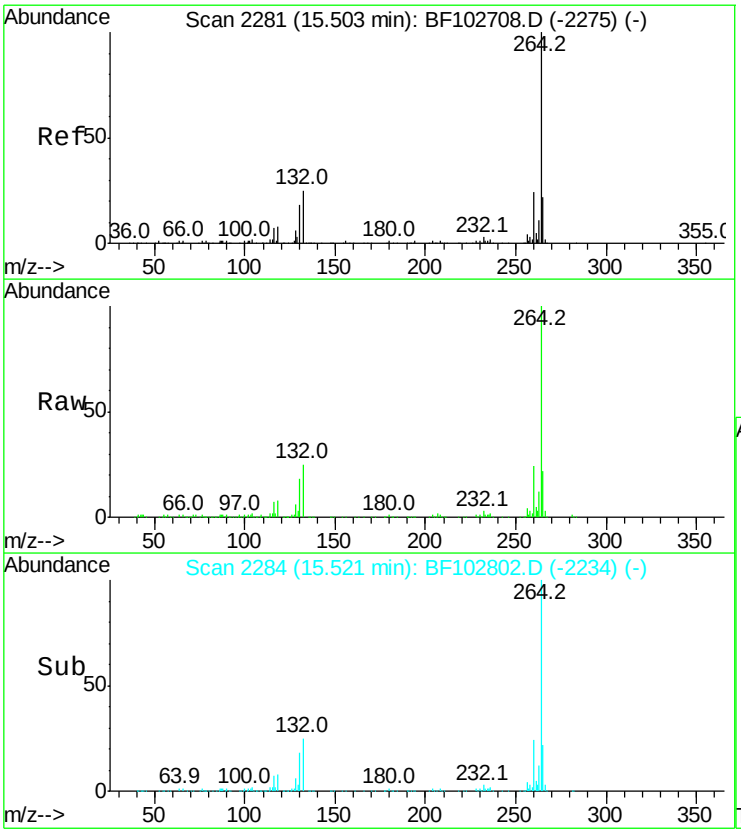


#78
Terphenyl-d14
Concen: 85.295 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:244 Resp: 1178892

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	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: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:264 Resp: 296317

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3