Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100299.D
Acq On : 8 Nov 2017 18:43
Operator : SJ/JU
Sample : I6359-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 09 00:11:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	192806	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	776381	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	356322	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	643875	20.00	ng		0.00
75) Chrysene-d12	14.06	240	412278	20.00	ng		-0.01
86) Perylene-d12	15.54	264	406255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1111737	92.43	ng		0.01
7) Phenol-d6	6.52	99	1358682	91.60	ng		0.00
23) Nitrobenzene-d5	7.46	82	825153	70.27	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	341201	93.97	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1545387	66.04	ng		0.00
78) Terphenyl-d14	13.01	244	1226753	68.37	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	36152	2.322	ng		95
19) n-Nitroso-di-n-propylamine	7.46	70	111846	10.874	ng	#	82
25) Isophorone	7.46	82	825138	33.437	ng	#	64
47) 2-Nitroaniline	9.65	65	319	2.829	ng	#	1
50) 2,6-Dinitrotoluene	9.93	165	45464	8.442	ng	#	26
56) 2,4-Dinitrotoluene	9.93	165	45464	6.692	ng	#	23
62) Azobenzene	10.65	77	83328	3.250	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.72	198	536	8.705	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	20779	3.010	ng	#	1

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

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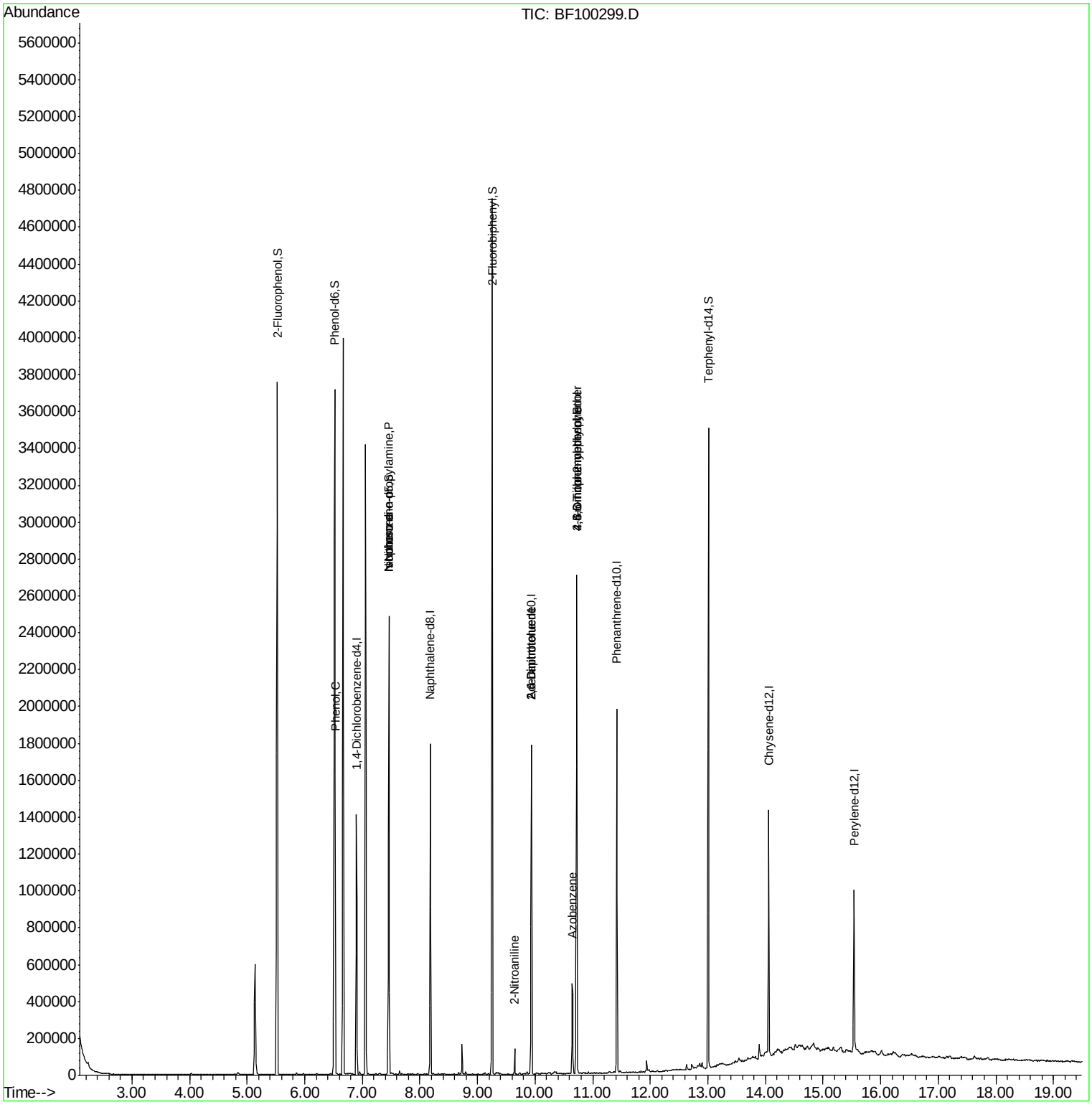
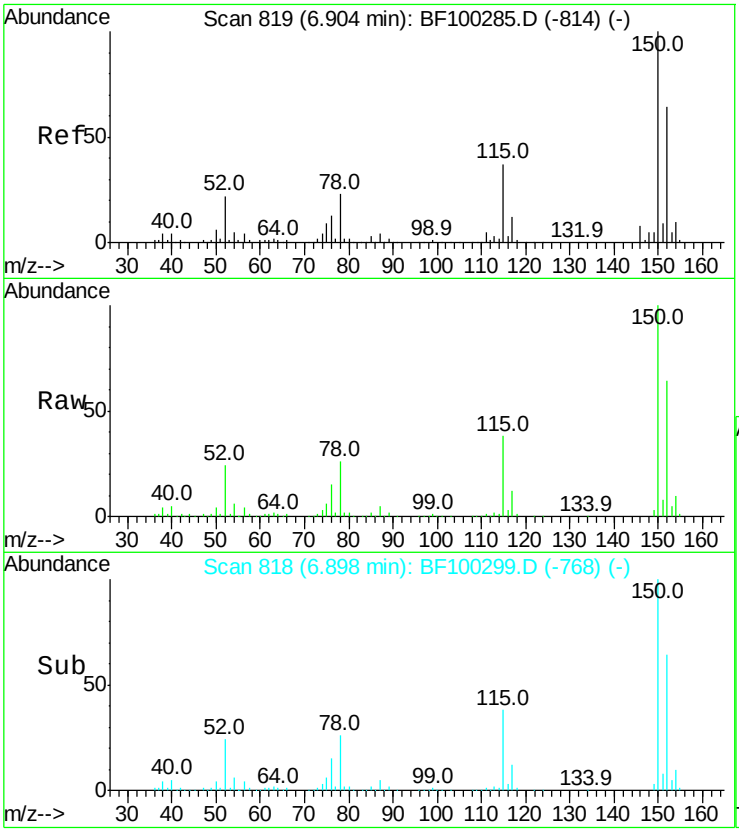
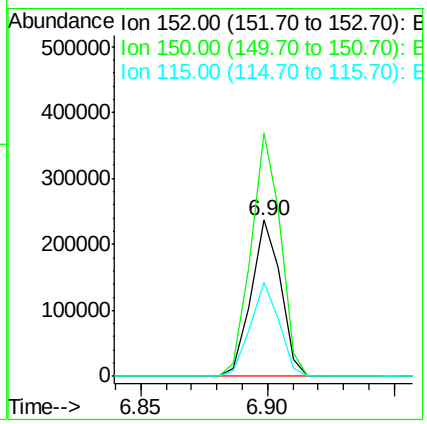


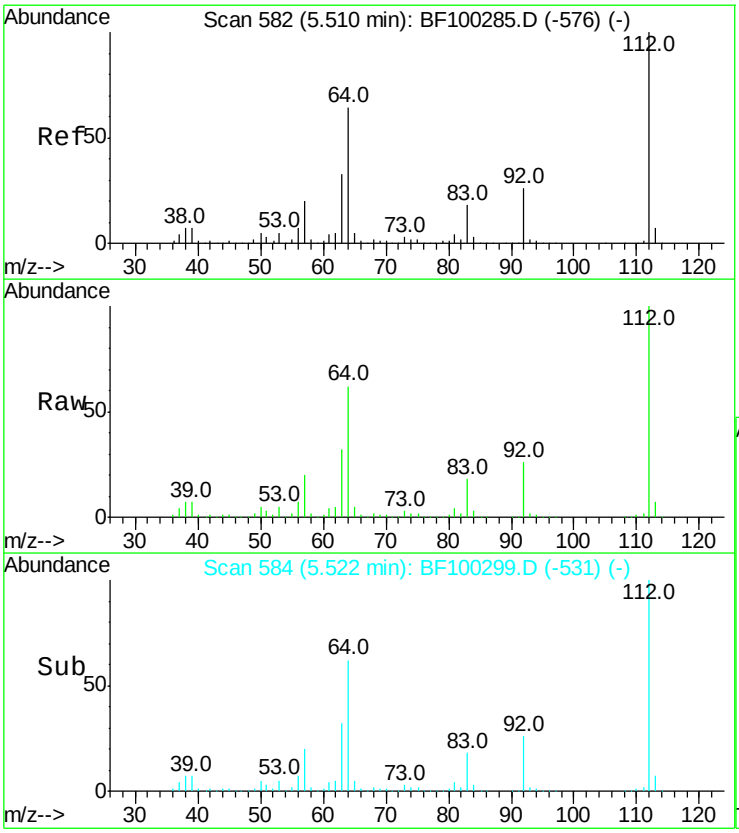


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:152 Resp: 192806

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.7	50.1	75.1

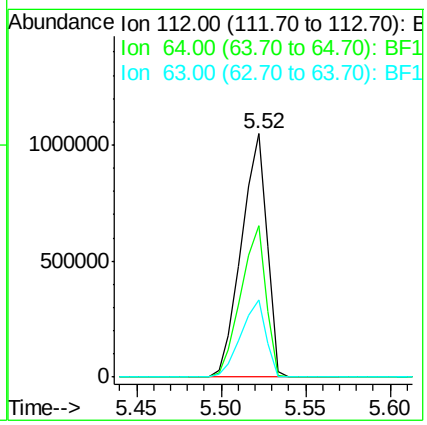


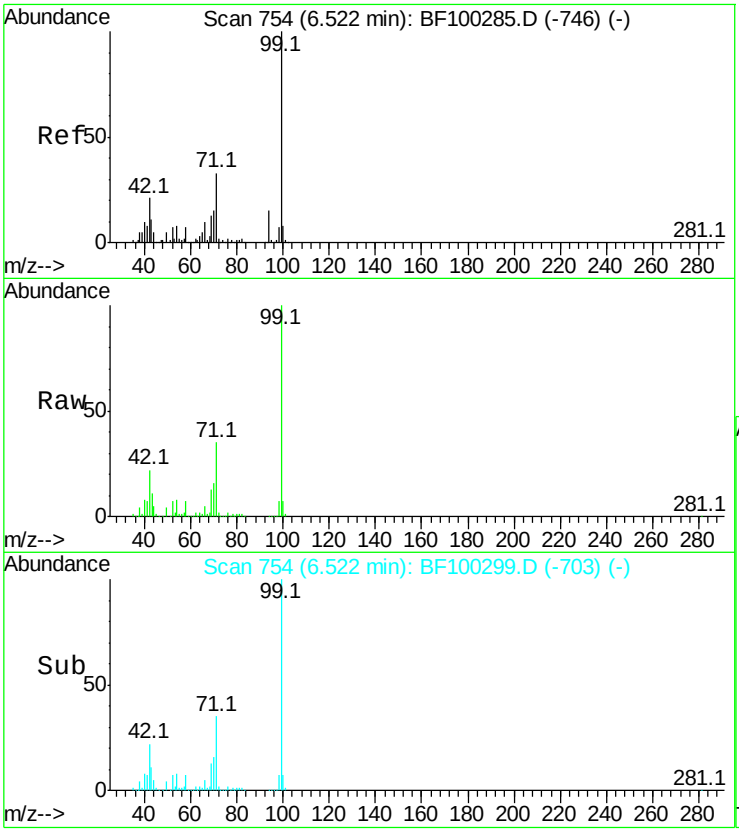


#5
2-Fluorophenol
Concen: 92.430 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:112 Resp: 1111737

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.7	23.7	35.5

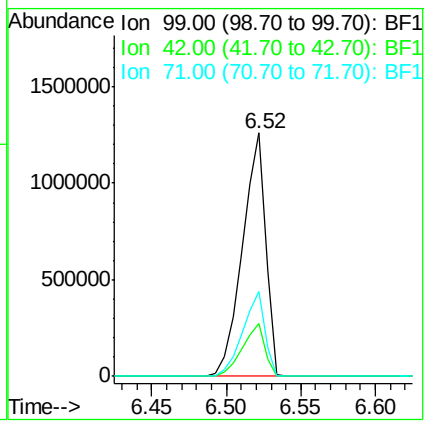


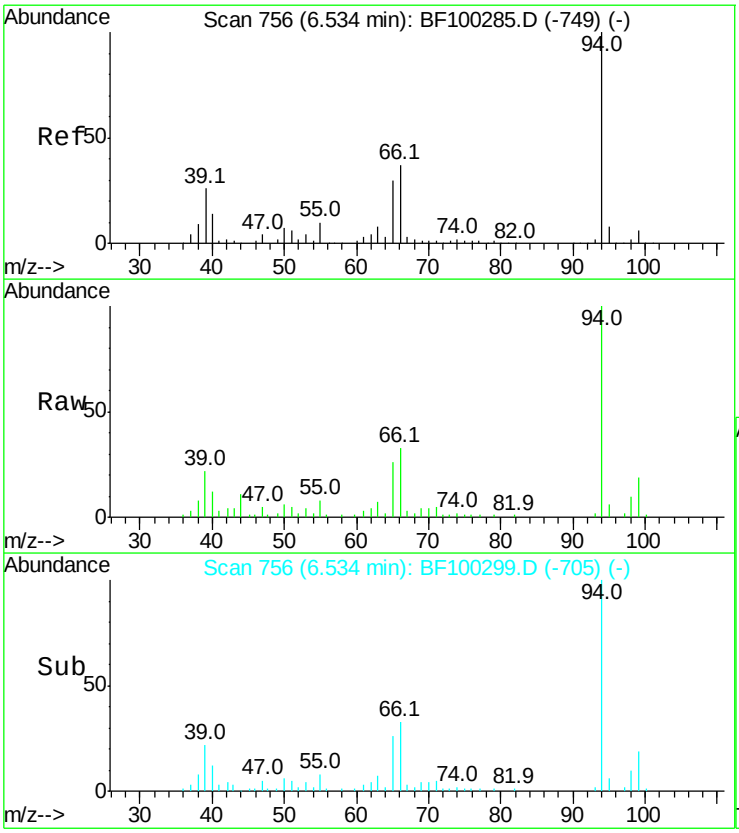


#7
Phenol-d6
Concen: 91.605 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 99 Resp: 1358682

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7
71	34.6	25.4	38.0

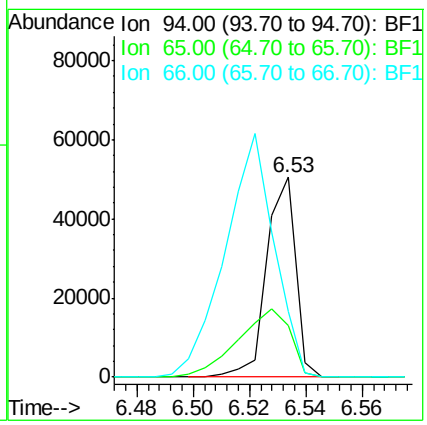


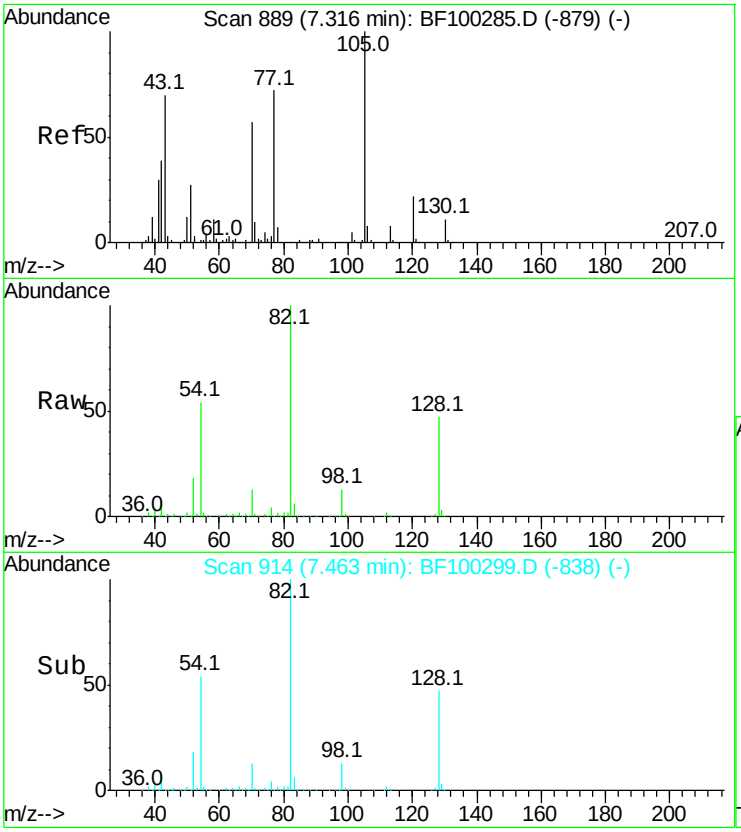


#10
Phenol
Concen: 2.322 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 94 Resp: 36152

Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	33.0	16.2	56.2

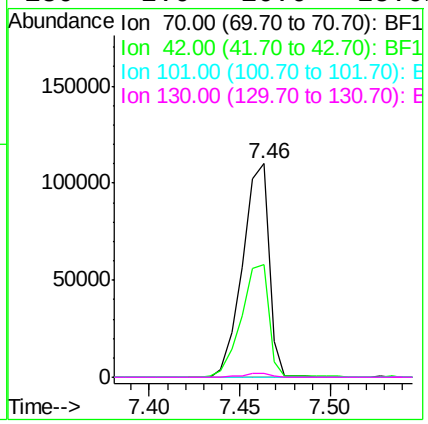


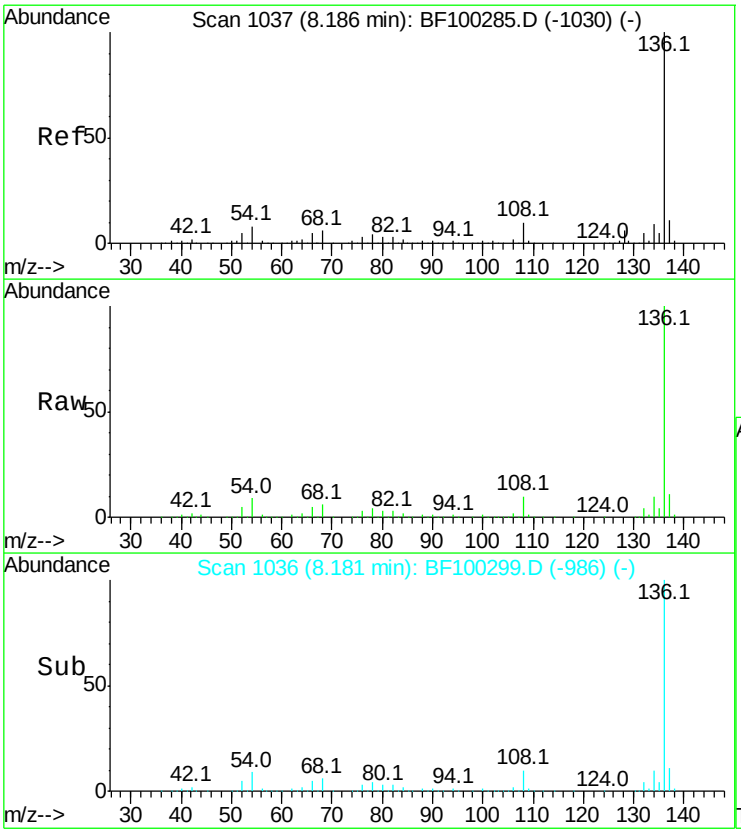


#19
n-Nitroso-di-n-propylamine
Concen: 10.874 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 70 Resp: 111846

Ion	Ratio	Lower	Upper
70	100		
42	52.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

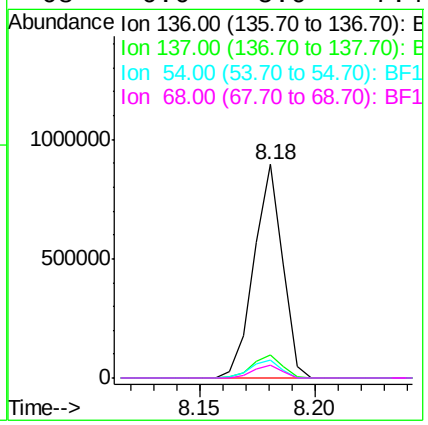


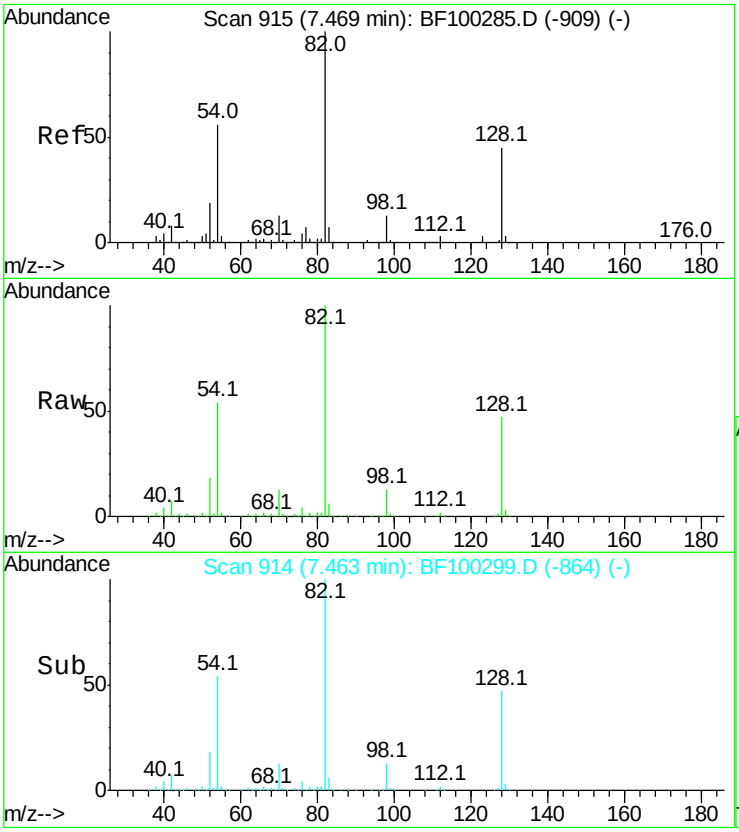


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:136 Resp: 776381

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.0	5.0	7.4

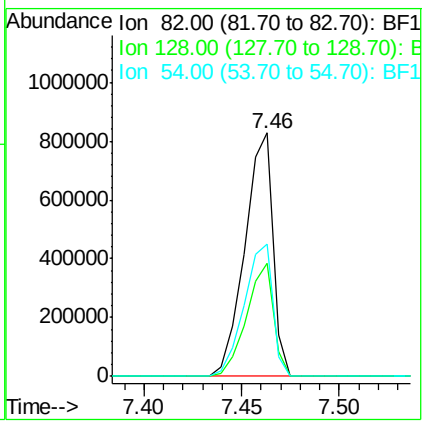


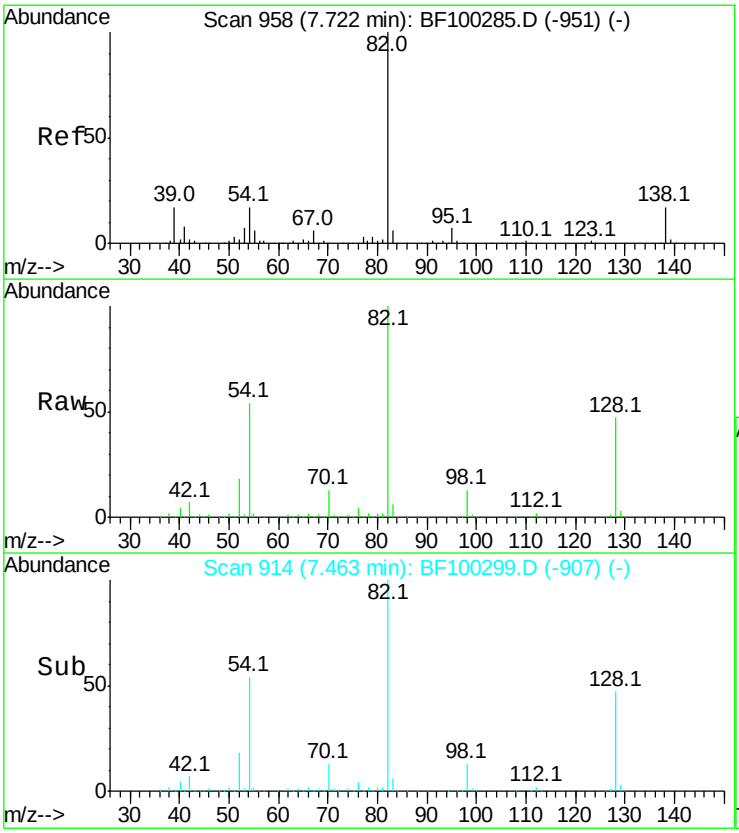


#23
Nitrobenzene-d5
Concen: 70.267 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 82 Resp: 825153

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.4	41.4	62.2

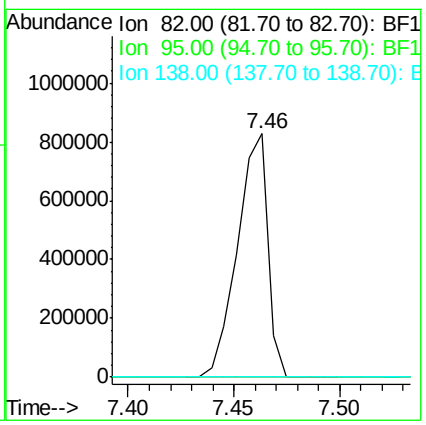


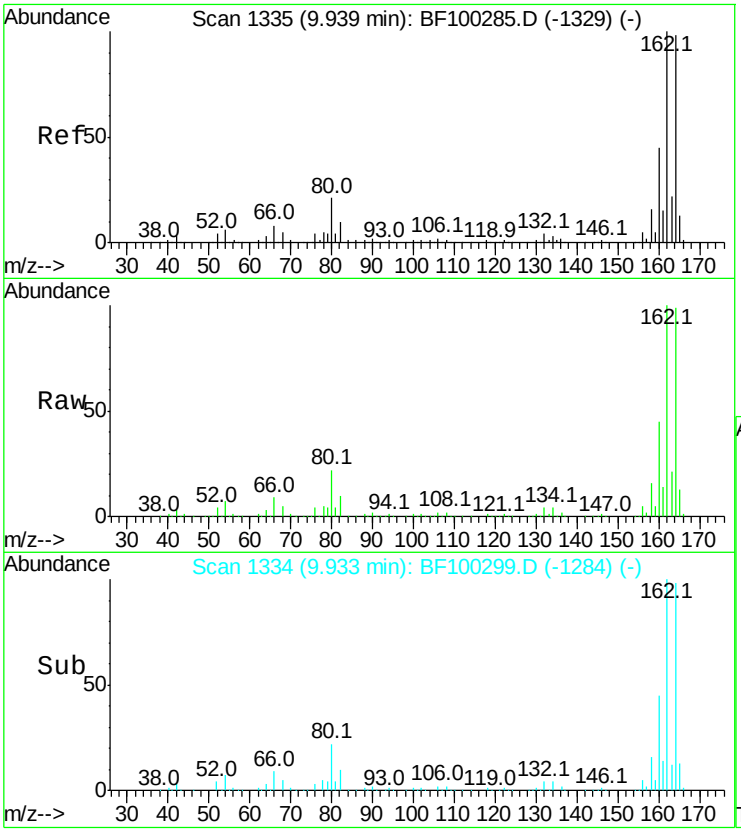


#25
Isophorone
Concen: 33.437 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 82 Resp: 825138

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

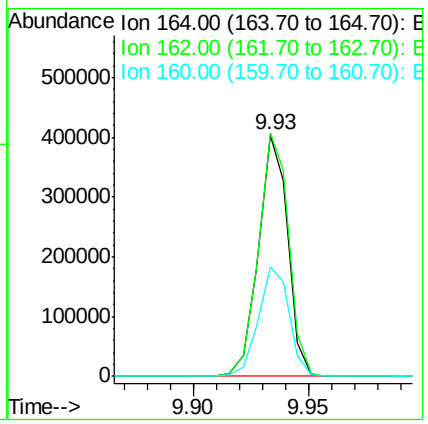


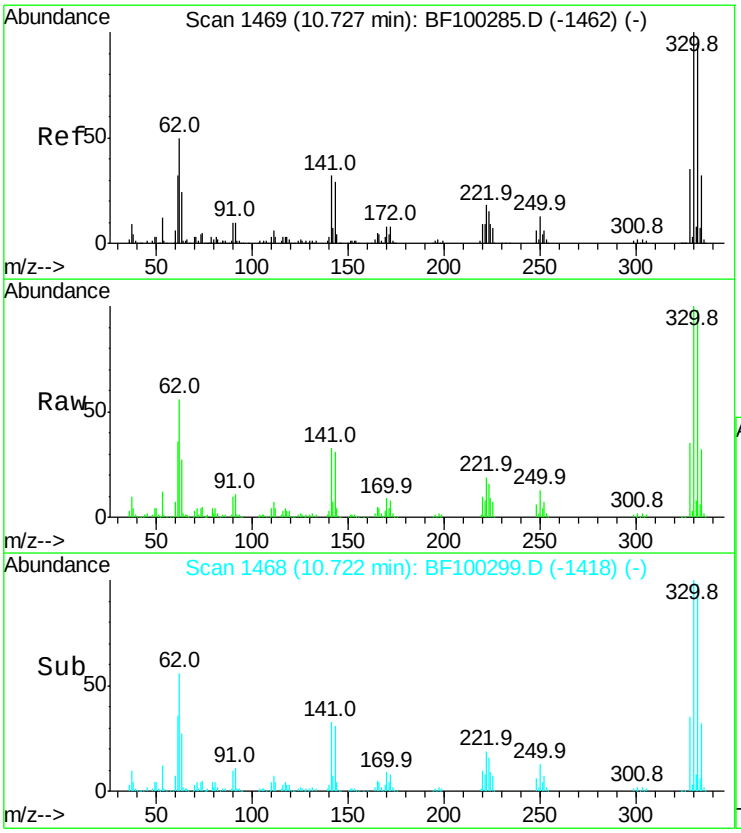


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:164 Resp: 356322

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.2	38.3	57.5

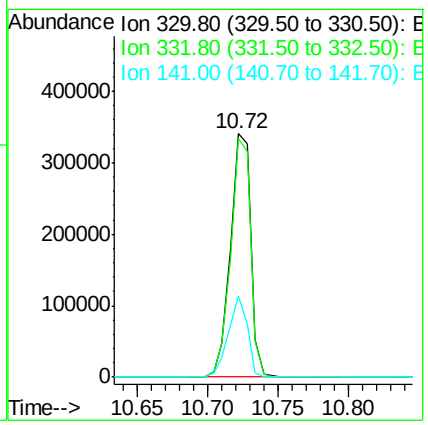


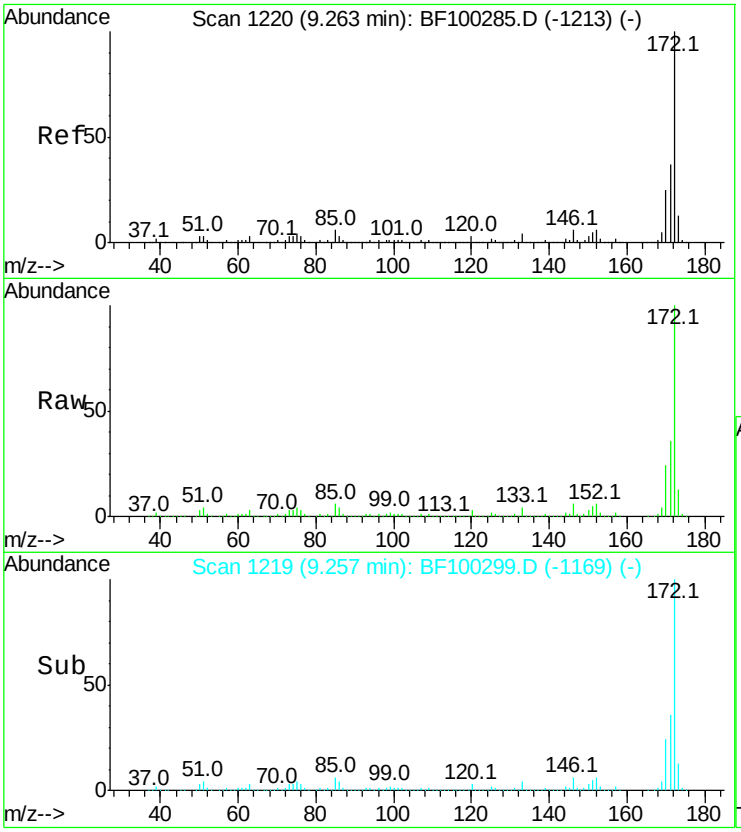


#41
2,4,6-Tribromophenol
Concen: 93.971 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:330 Resp: 341201

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.2	29.9	44.9

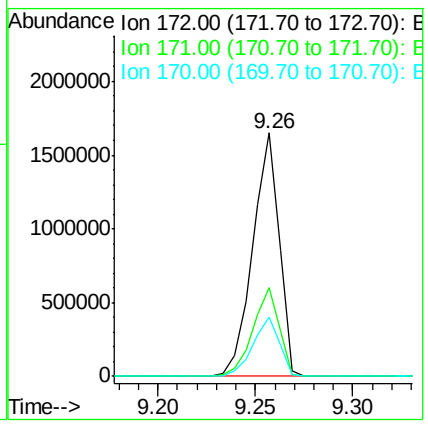


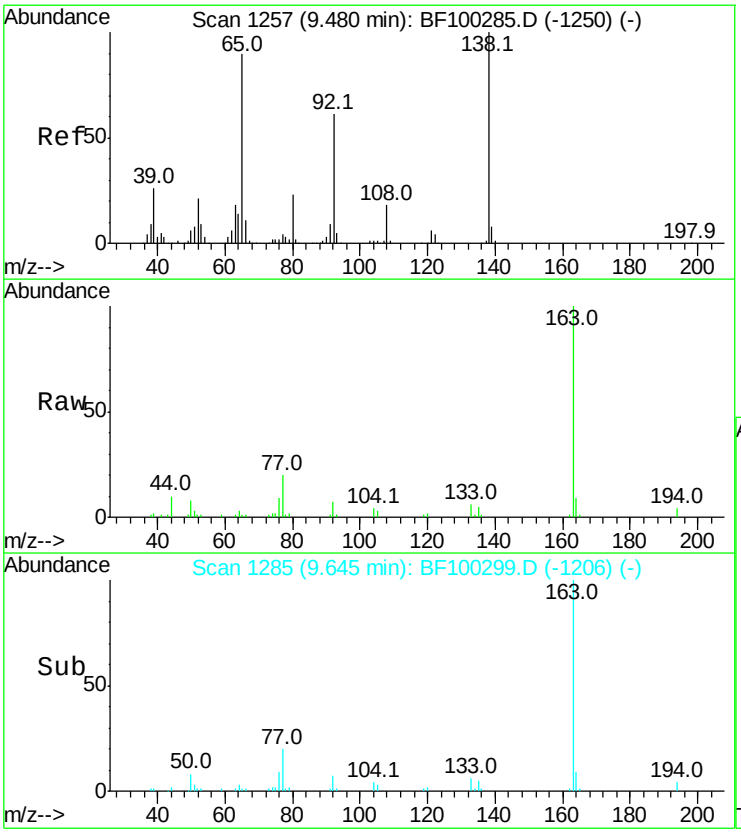


#44
2-Fluorobiphenyl
Concen: 66.041 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:172 Resp: 1545387

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

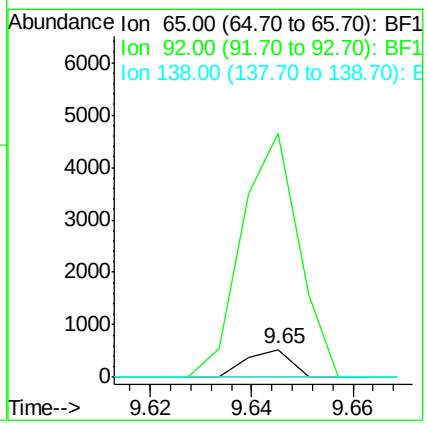


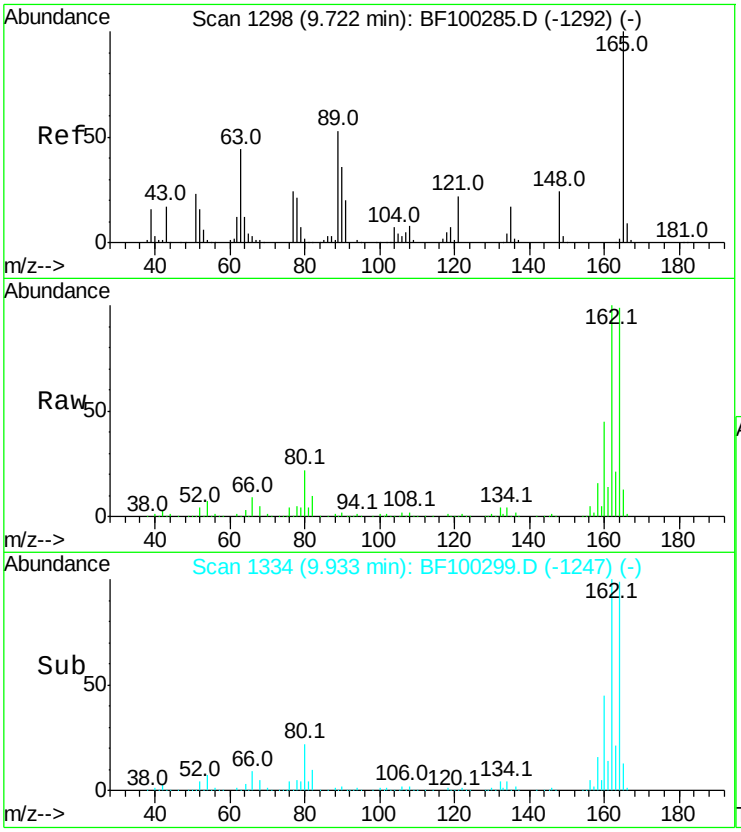


#47
2-Nitroaniline
Concen: 2.829 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.17 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 65 Resp: 319

Ion	Ratio	Lower	Upper
65	100		
92	875.0	55.8	83.6#
138	0.0	91.2	136.8#

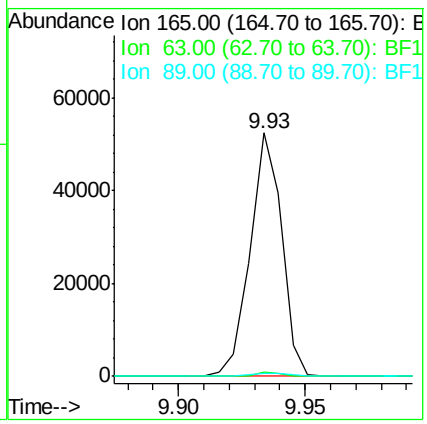


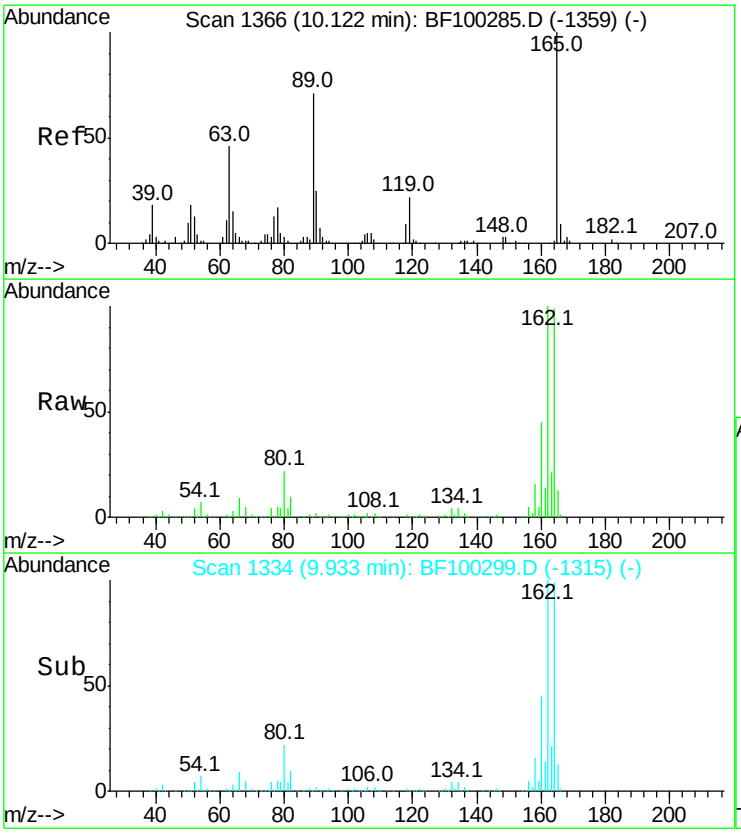


#50
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:165 Resp: 45464

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#

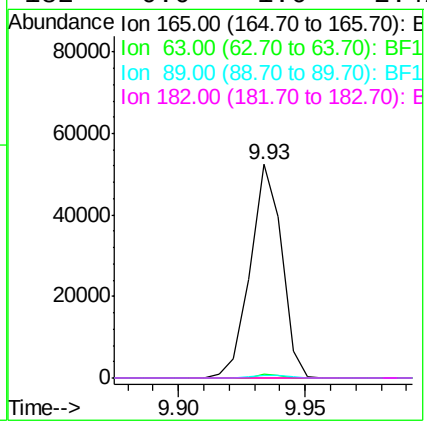


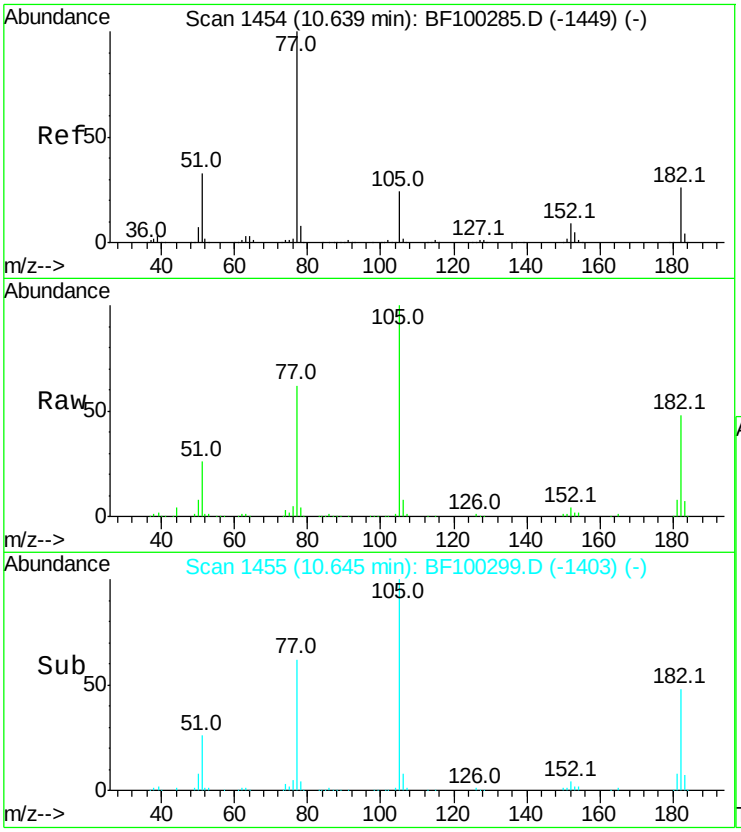


#56
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.19 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:165 Resp: 45464

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

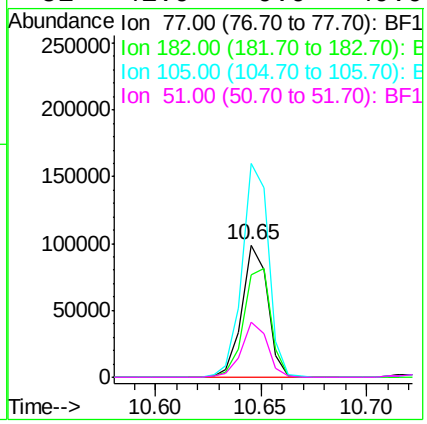


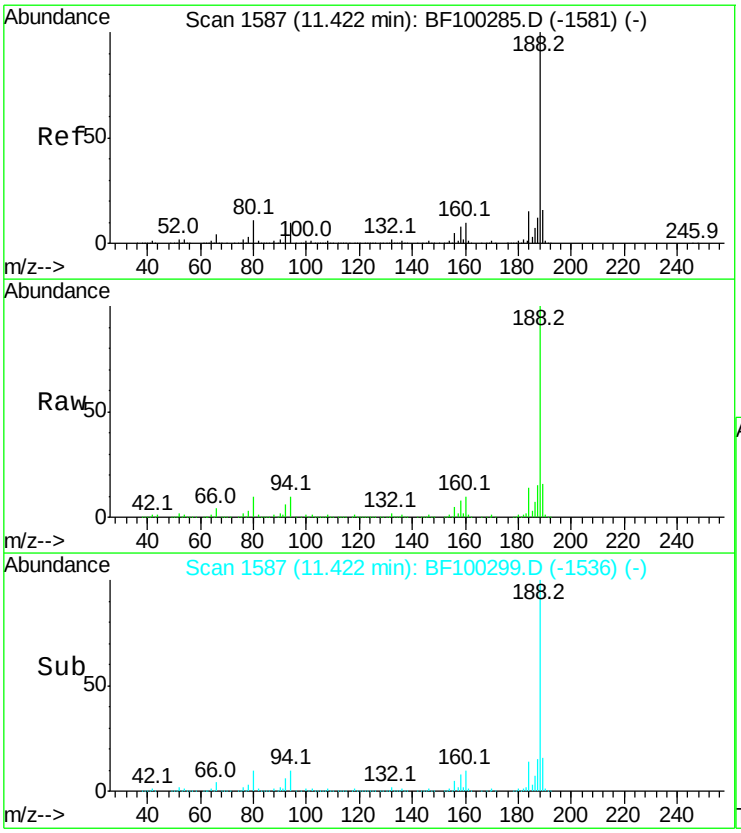


#62
Azobenzene
Concen: 3.250 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion: 77 Resp: 83328

Ion	Ratio	Lower	Upper
77	100		
182	77.6	1.7	41.7#
105	161.9	3.0	43.0#
51	41.9	9.9	49.9

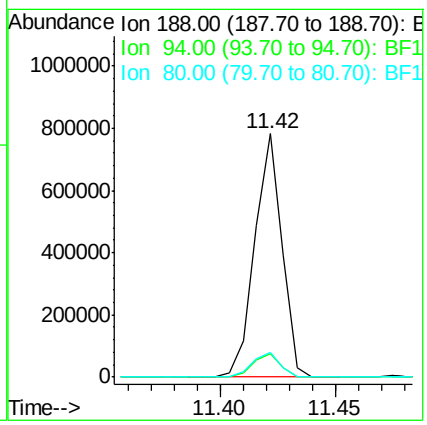


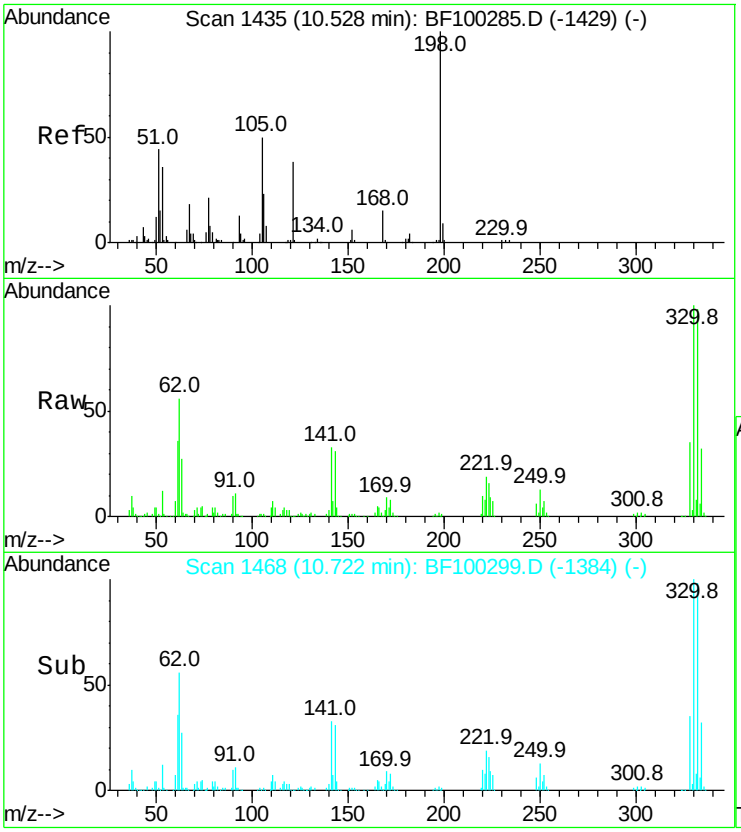


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:188 Resp: 643875

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

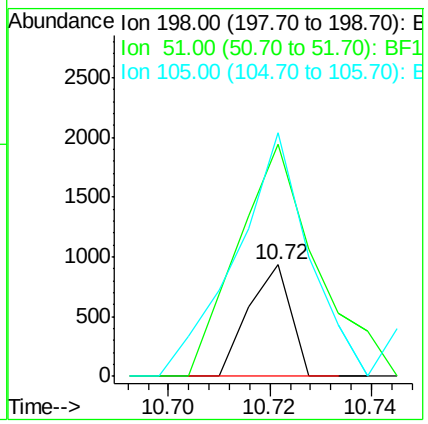


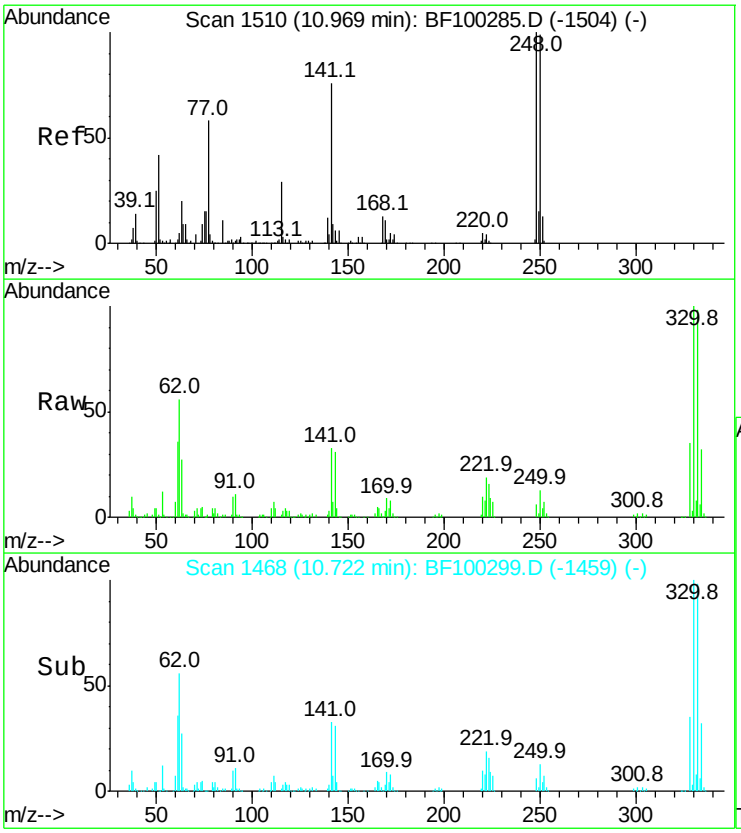


#64
4,6-Dinitro-2-methylphenol
Concen: 8.705 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:198 Resp: 536

Ion	Ratio	Lower	Upper
198	100		
51	208.4	37.7	77.7#
105	218.8	36.3	76.3#

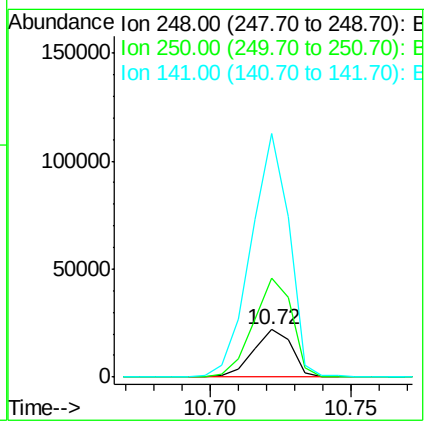


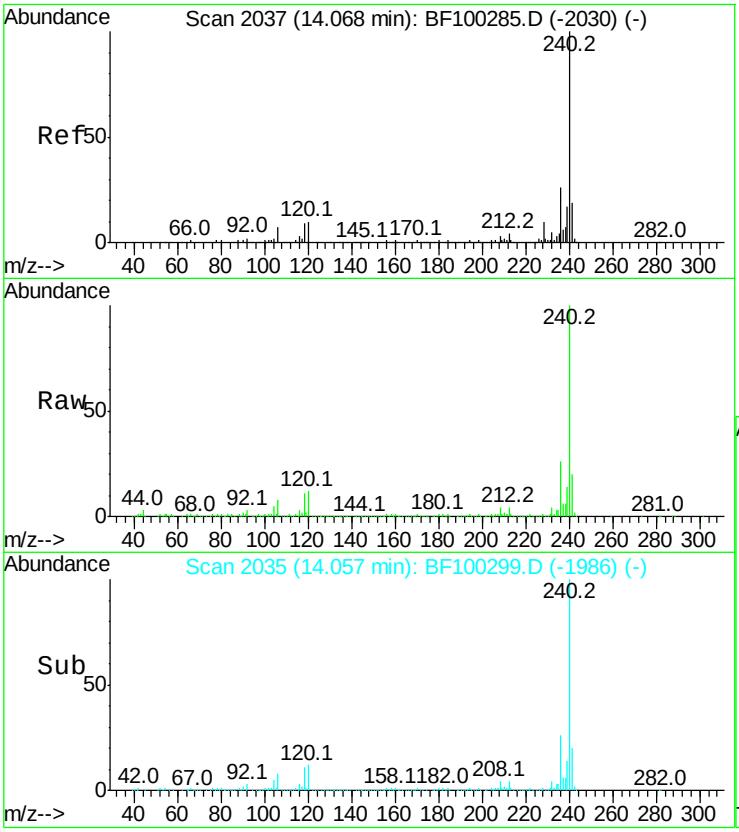


#66
4-Bromophenyl-phenylether
Concen: 3.010 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:248 Resp: 20779

Ion	Ratio	Lower	Upper
248	100		
250	207.0	76.9	115.3#
141	512.0	74.4	111.6#

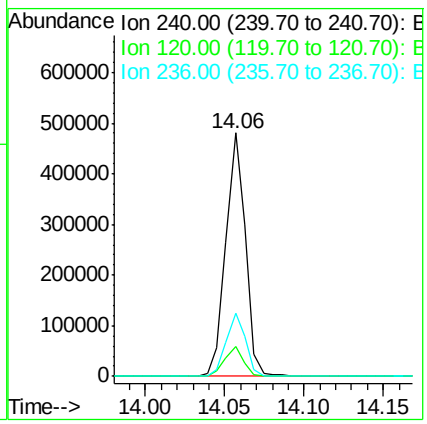


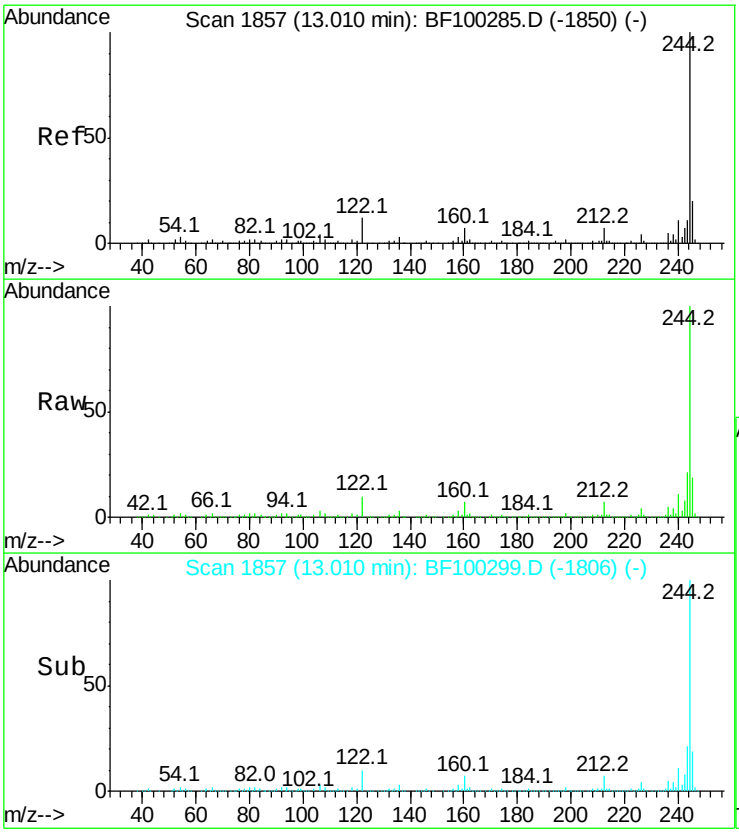


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:240 Resp: 412278

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1

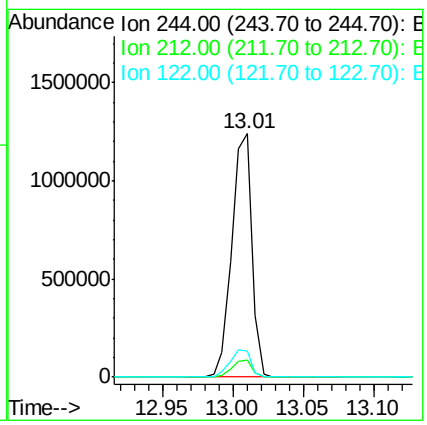


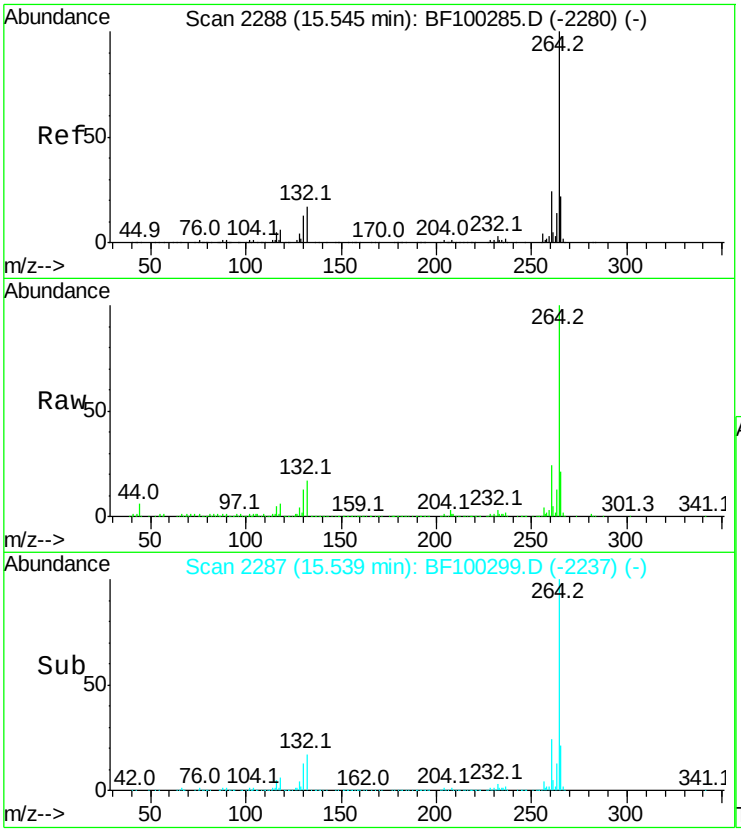


#78
Terphenyl-d14
Concen: 68.369 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:244 Resp: 1226753

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100299.D
Acq: 8 Nov 2017 18:43

Tgt Ion:264 Resp: 406255

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3