Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100461.D
Acq On : 12 Nov 2017 1:44
Operator : SJ/JU
Sample : I6369-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110617-JETT-F-D-S

Quant Time: Nov 13 04:42:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	154318	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	563779	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	229221	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	355879	20.00	ng	0.00
75) Chrysene-d12	14.06	240	314590	20.00	ng	0.00
86) Perylene-d12	15.54	264	223357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	416928	43.31	ng	0.00
7) Phenol-d6	6.52	99	321207	27.06	ng	-0.01
23) Nitrobenzene-d5	7.47	82	886804	103.99	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	181160	77.56	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1471845	97.77	ng	0.00
78) Terphenyl-d14	13.01	244	1044926	76.32	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	115820	14.07	ng	# 80
25) Isophorone	7.47	82	882118	49.23	ng	# 64
47) 2-Nitroaniline	9.65	65	726	2.94	ng	# 1
49) Dimethylphthalate	9.65	163	75685	4.32	ng	98
50) 2,6-Dinitrotoluene	9.94	165	28338	8.18	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	28338	6.48	ng	# 23
62) Azobenzene	10.65	77	54373	3.30	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	290	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11756	3.08	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

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110617-JETT-F-D-S

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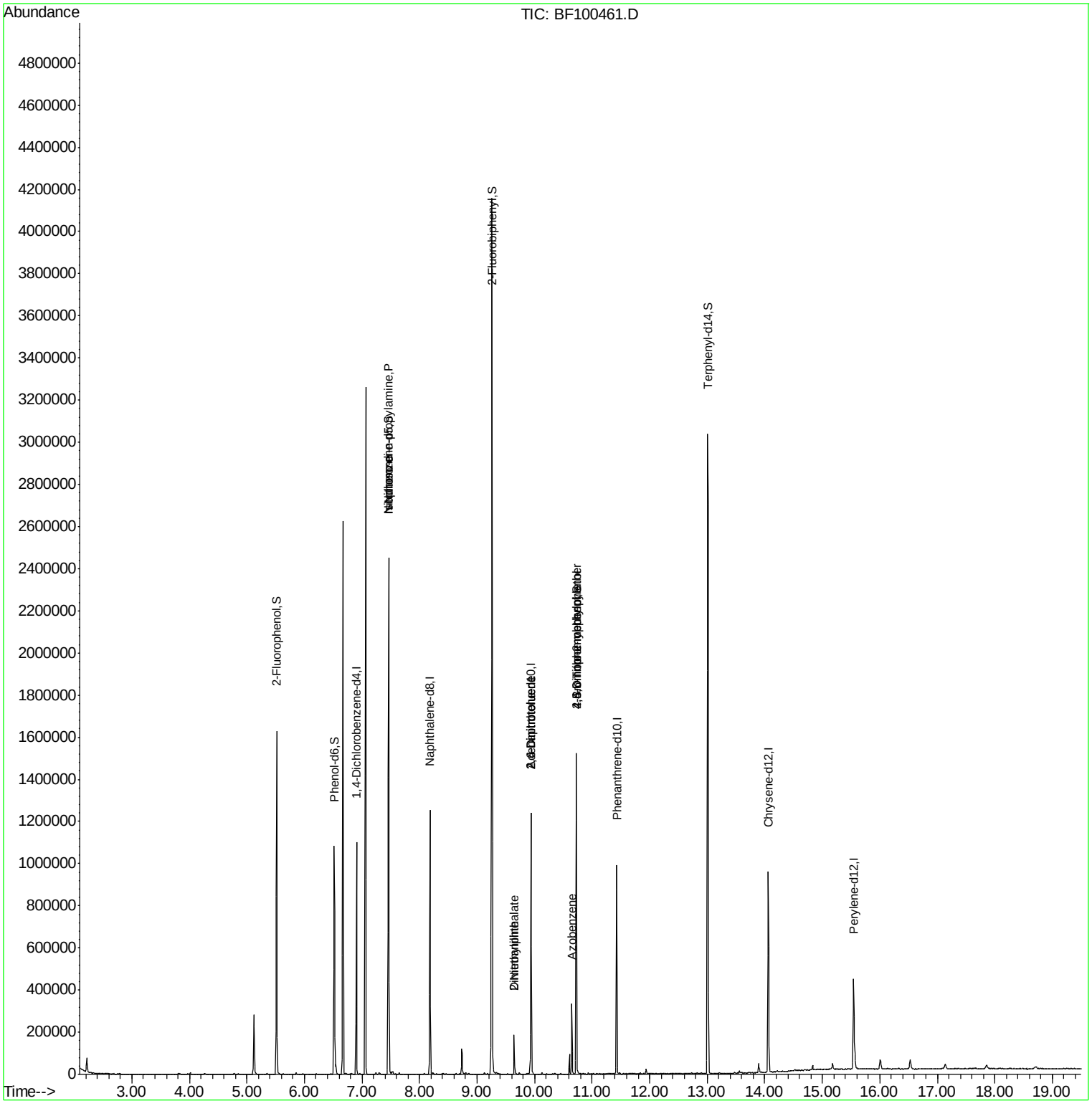
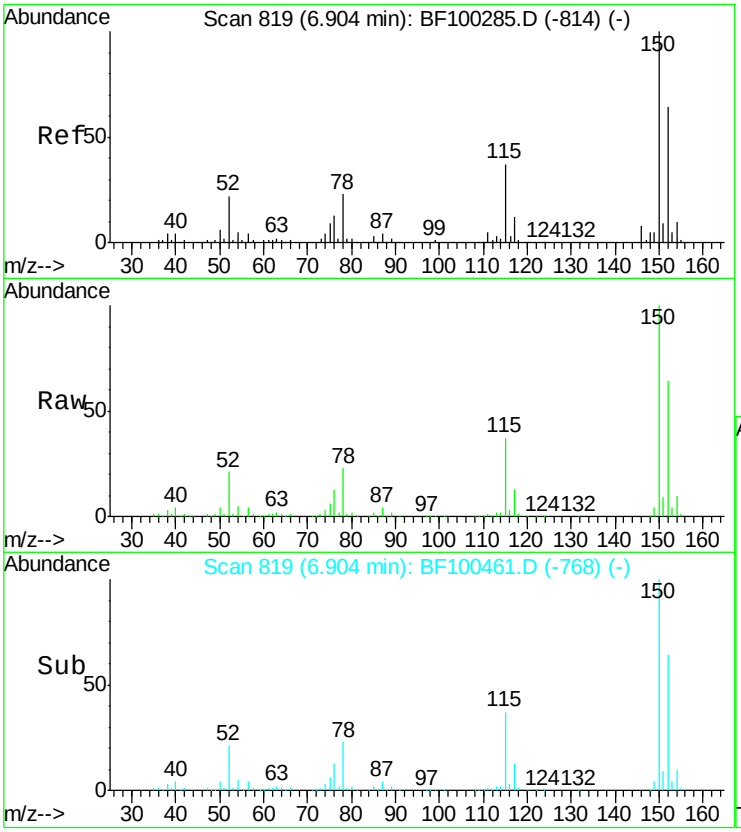


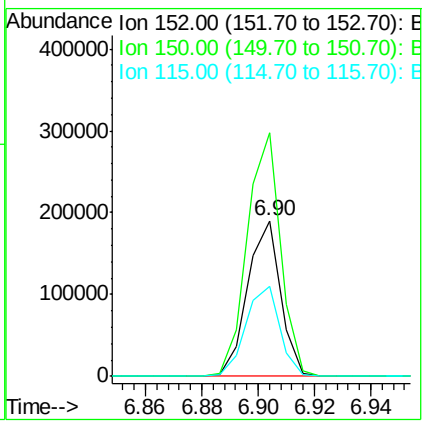


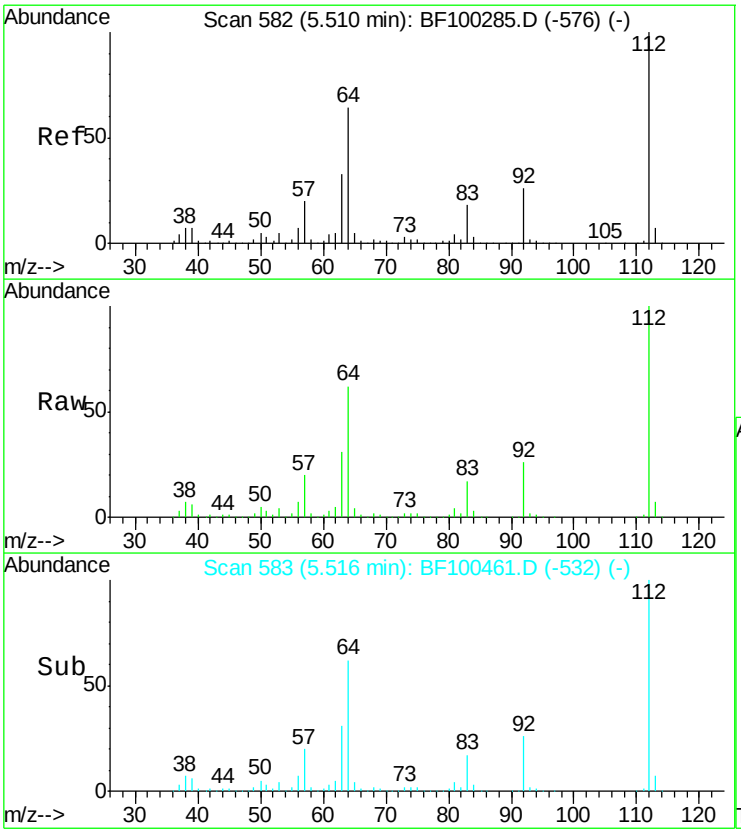
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:152 Resp: 154318

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.7	50.1	75.1

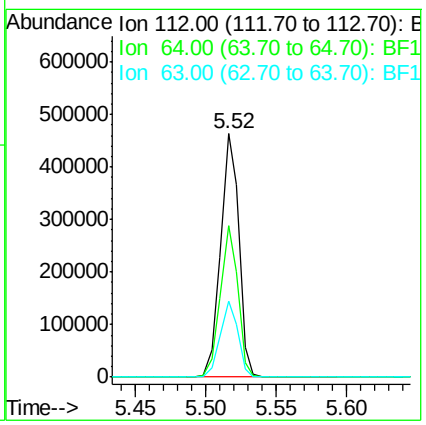


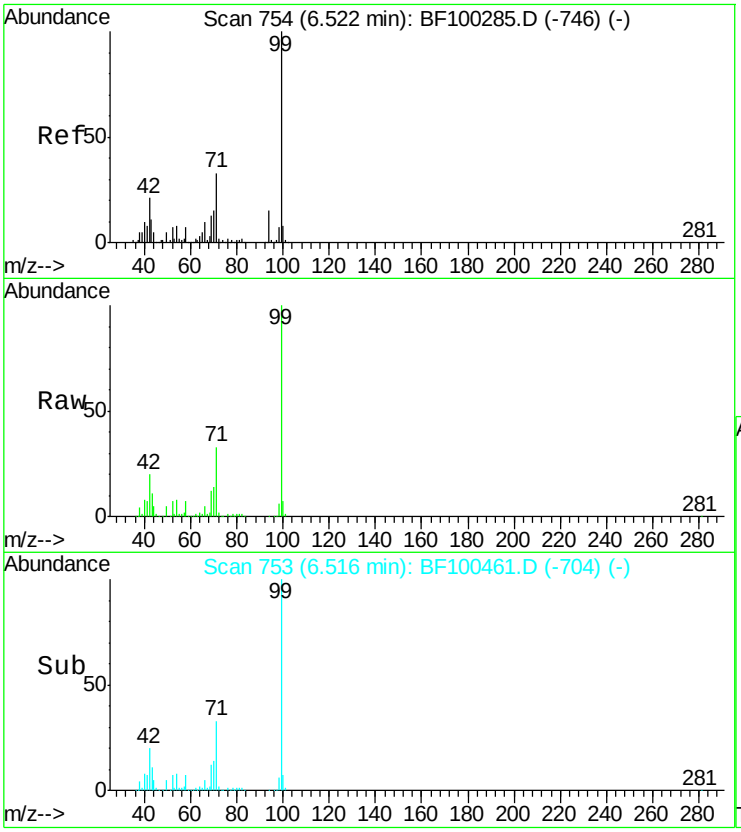


#5
2-Fluorophenol
Concen: 43.31 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:112 Resp: 416928

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	31.2	23.7	35.5



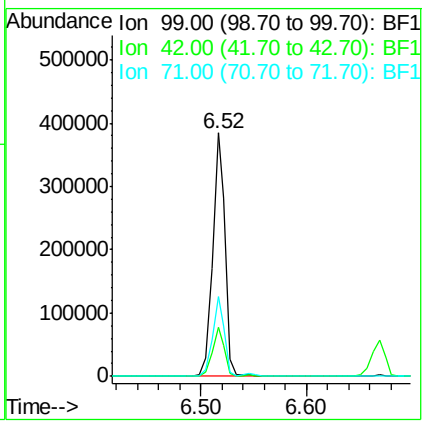


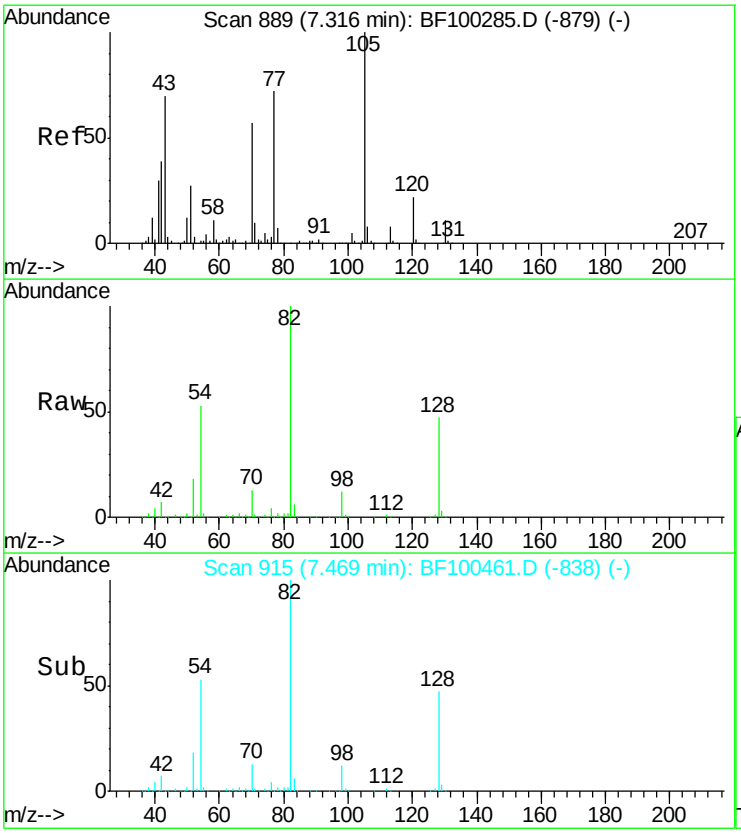
#7
Phenol-d6
Concen: 27.06 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion: 99 Resp: 321207

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.5	25.4	38.0

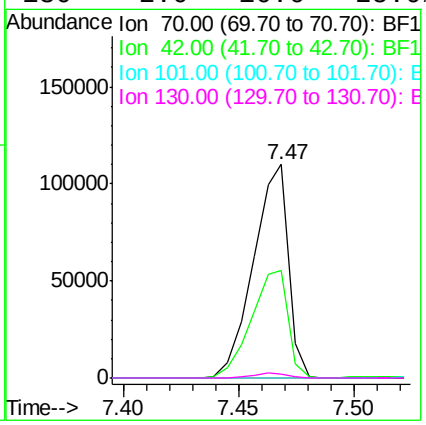


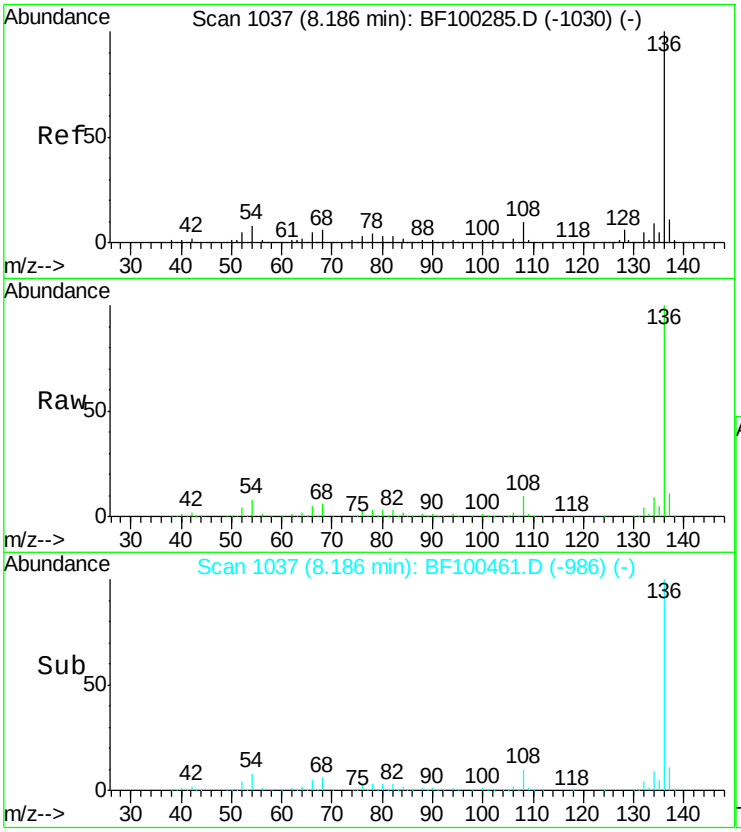


#19
n-Nitroso-di-n-propylamine
Concen: 14.07 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.15 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion: 70 Resp: 115820

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



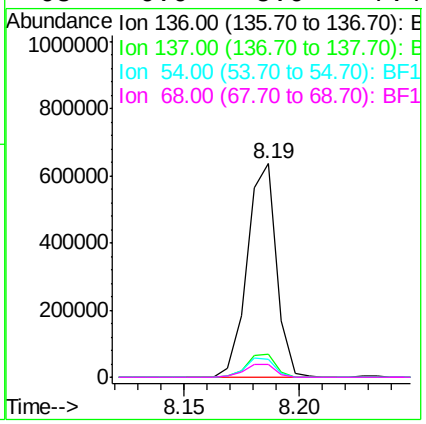


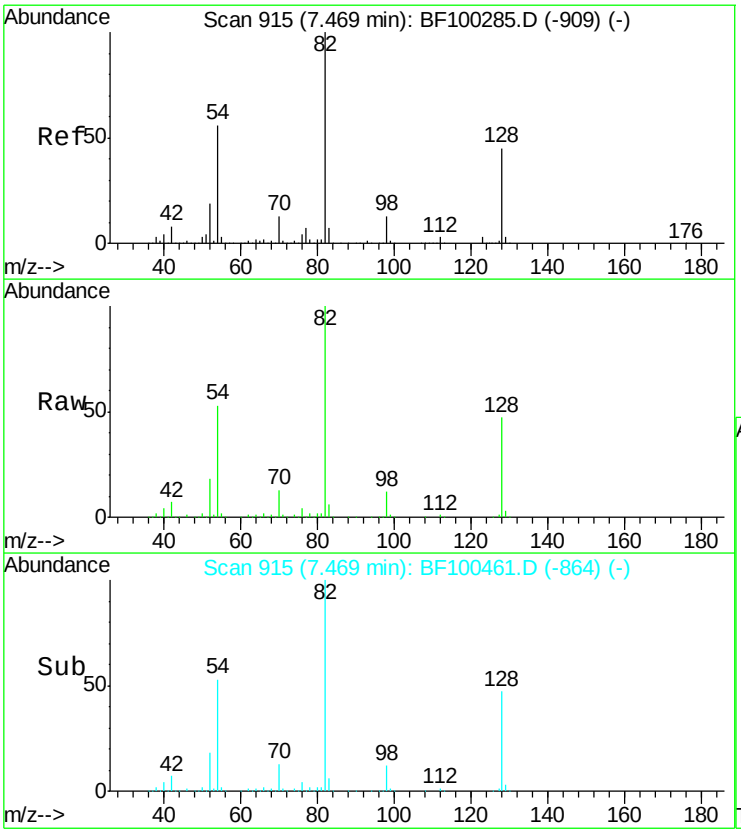
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:136 Resp: 563779

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.3	6.6	9.8
68	6.0	5.0	7.4

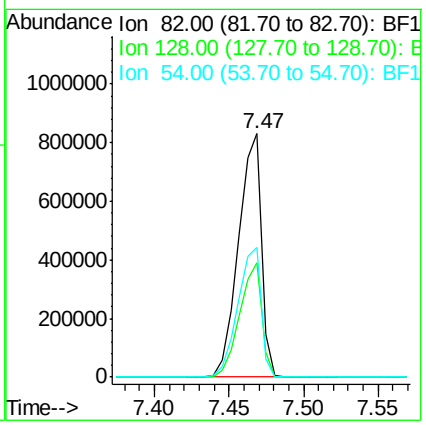


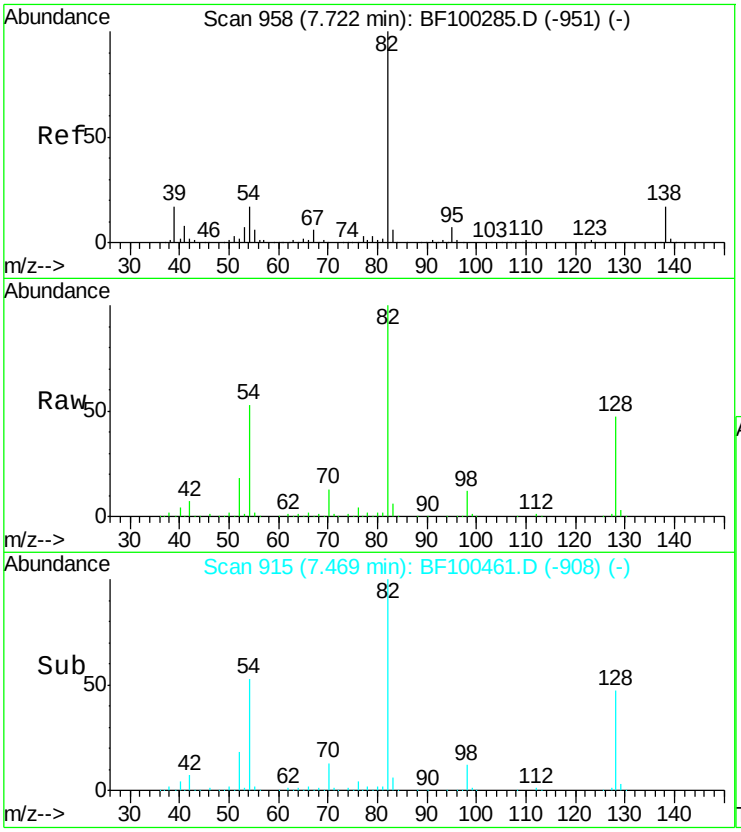


#23
Nitrobenzene-d5
Concen: 103.99 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion: 82 Resp: 886804

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	53.5	41.4	62.2



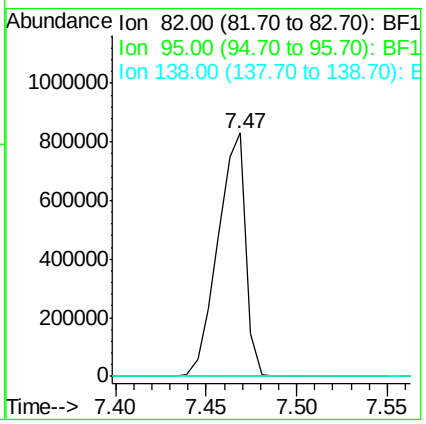


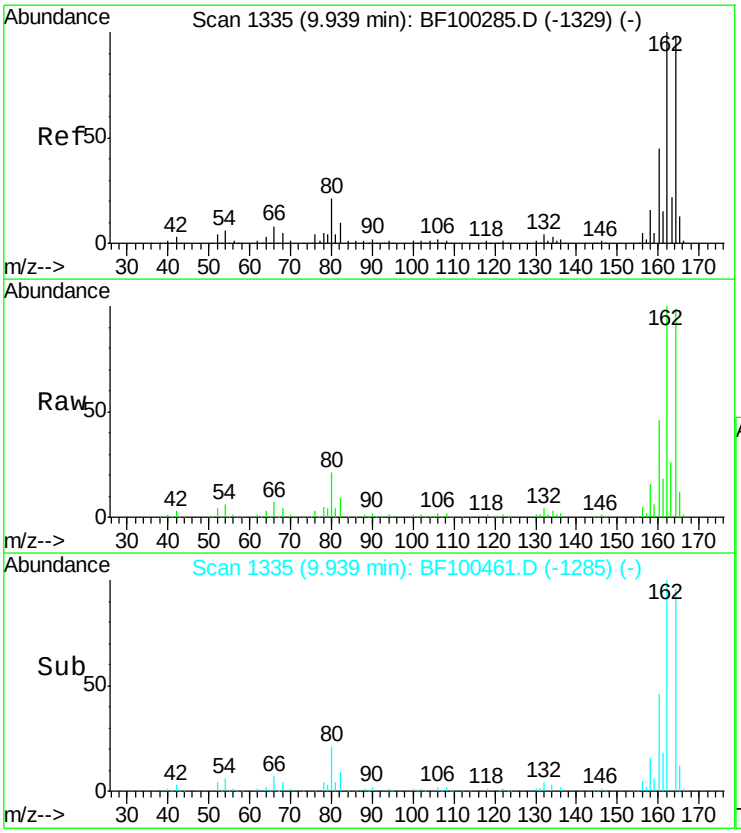
#25
Isophorone
Concen: 49.23 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.26 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion: 82 Resp: 882118

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

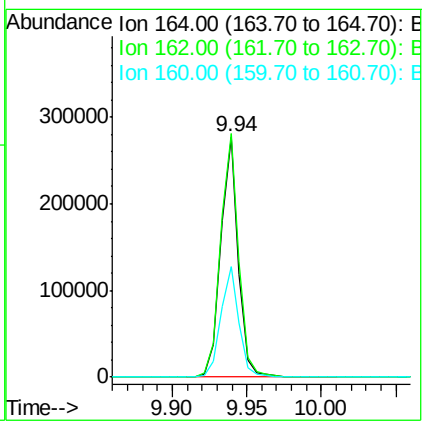


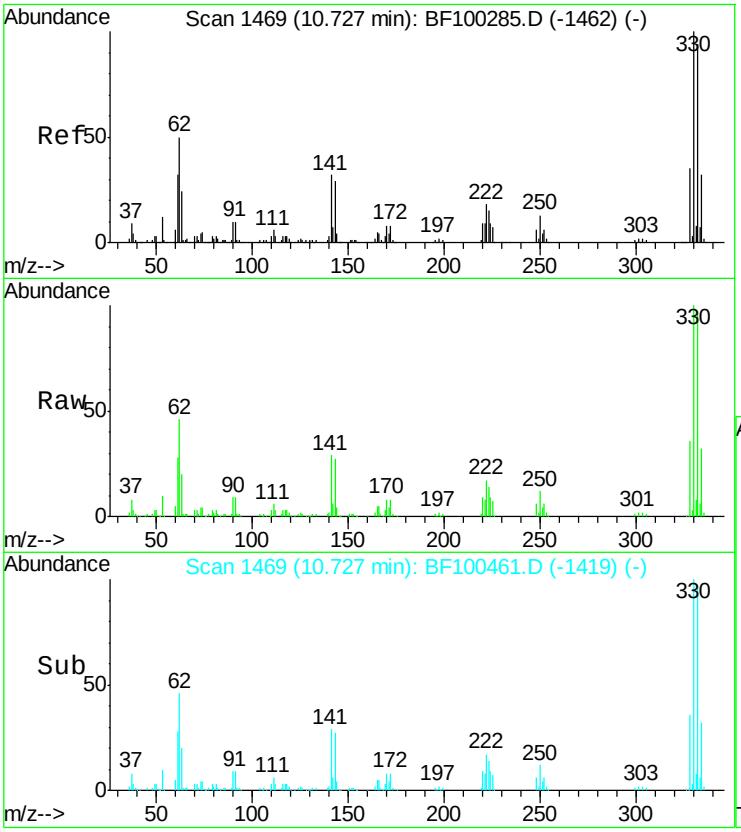


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:164 Resp: 229221

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.3	38.3	57.5



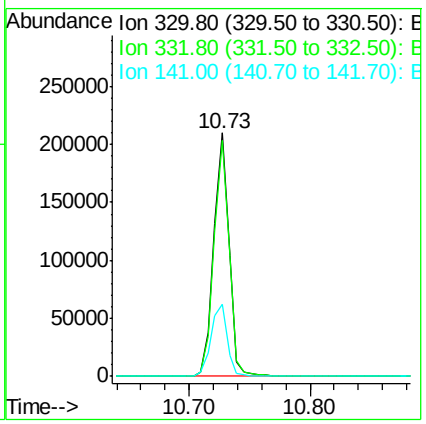


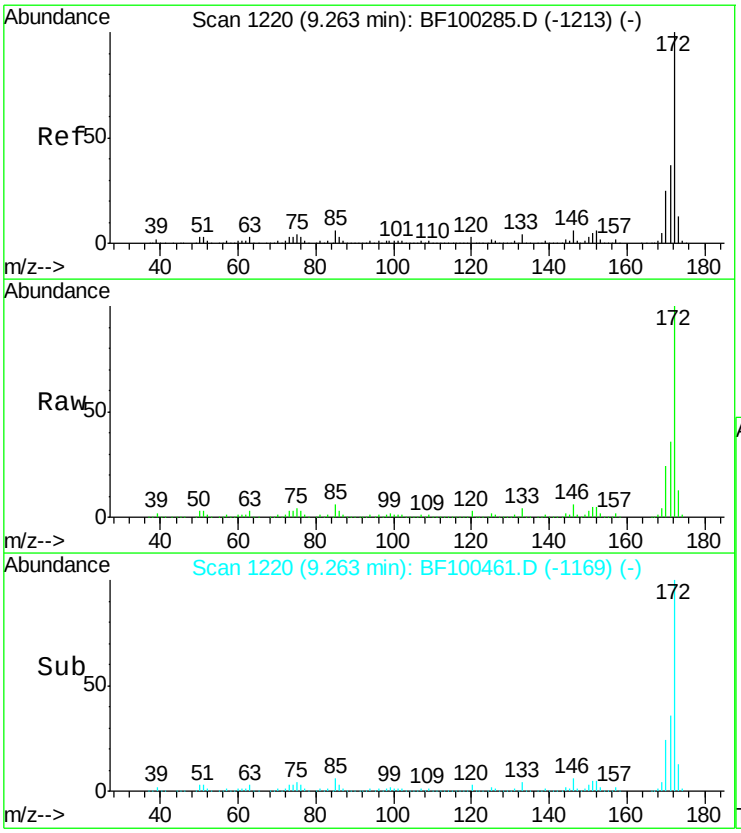
#41
2,4,6-Tribromophenol
Concen: 77.56 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:330 Resp: 181160

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	31.4	29.9	44.9

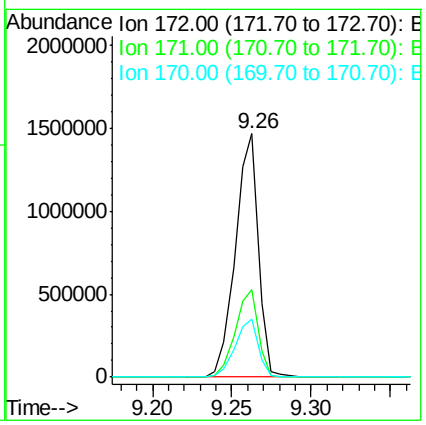


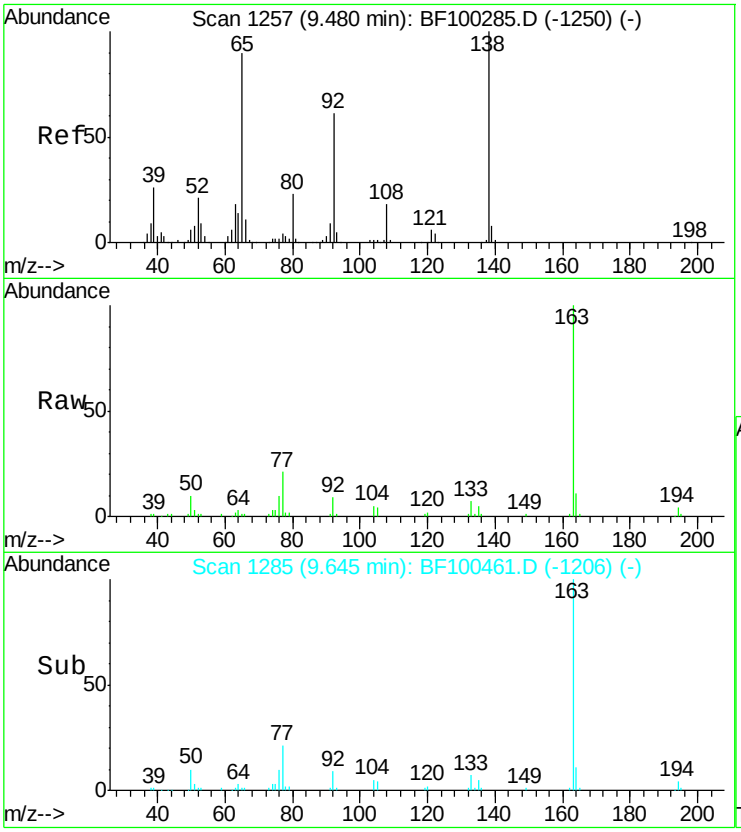


#44
2-Fluorobiphenyl
Concen: 97.77 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:172 Resp: 1471845

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4



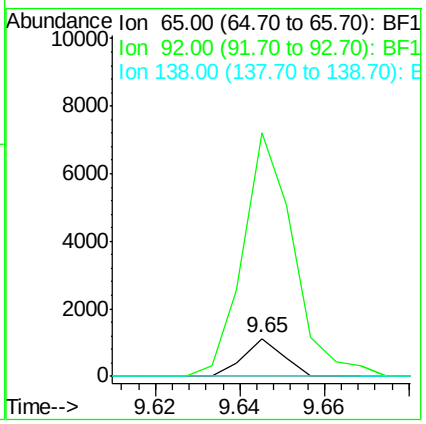


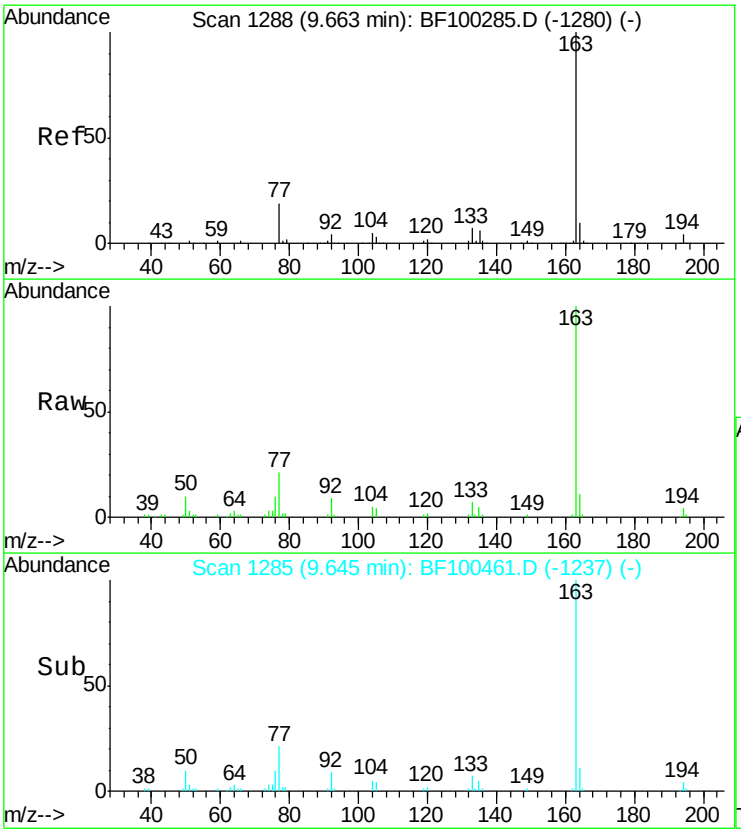
#47
2-Nitroaniline
Concen: 2.94 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion: 65 Resp: 726

Ion	Ratio	Lower	Upper
65	100		
92	648.1	55.8	83.6#
138	0.0	91.2	136.8#

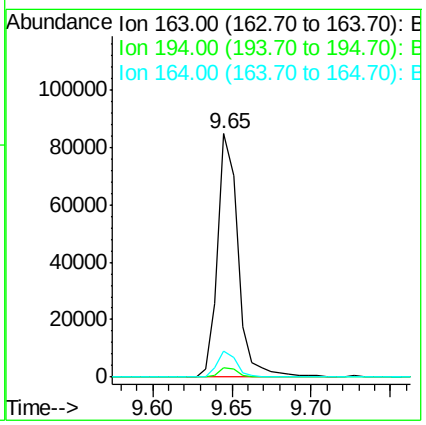


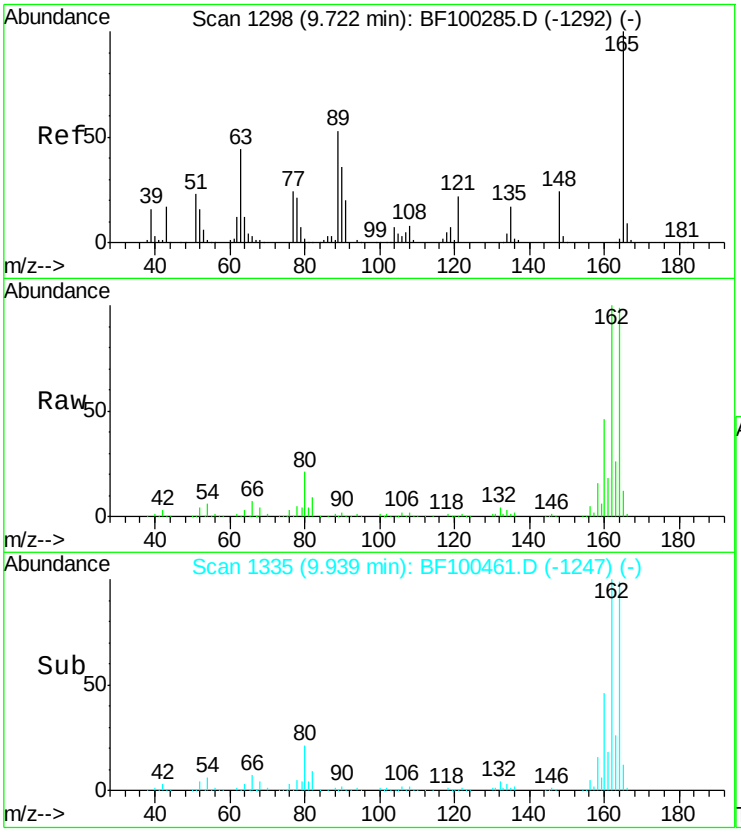


#49
Dimethylphthalate
Concen: 4.32 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:163 Resp: 75685

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.8	8.2	12.2



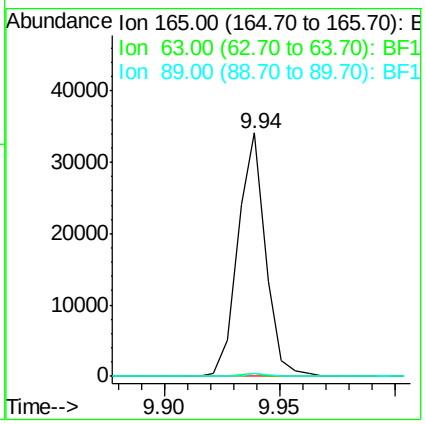


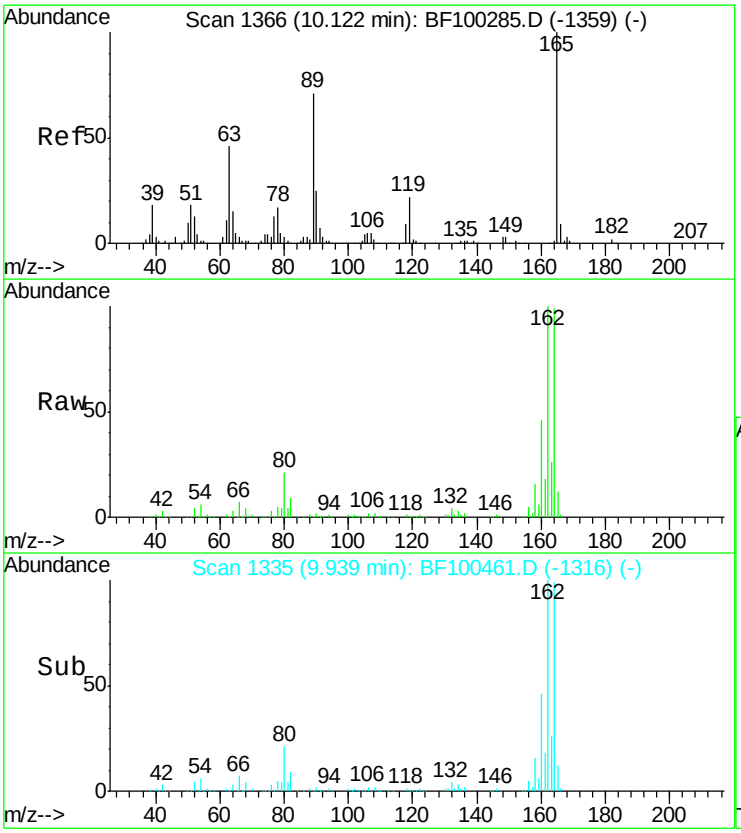
#50
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:165 Resp: 28338

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#

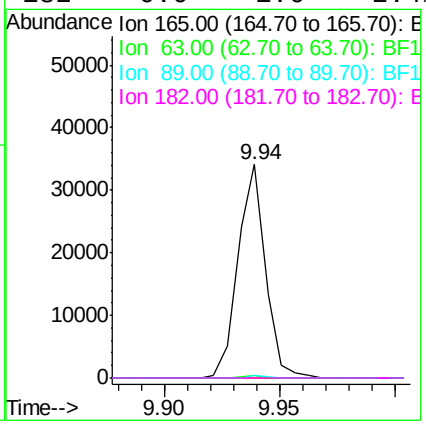


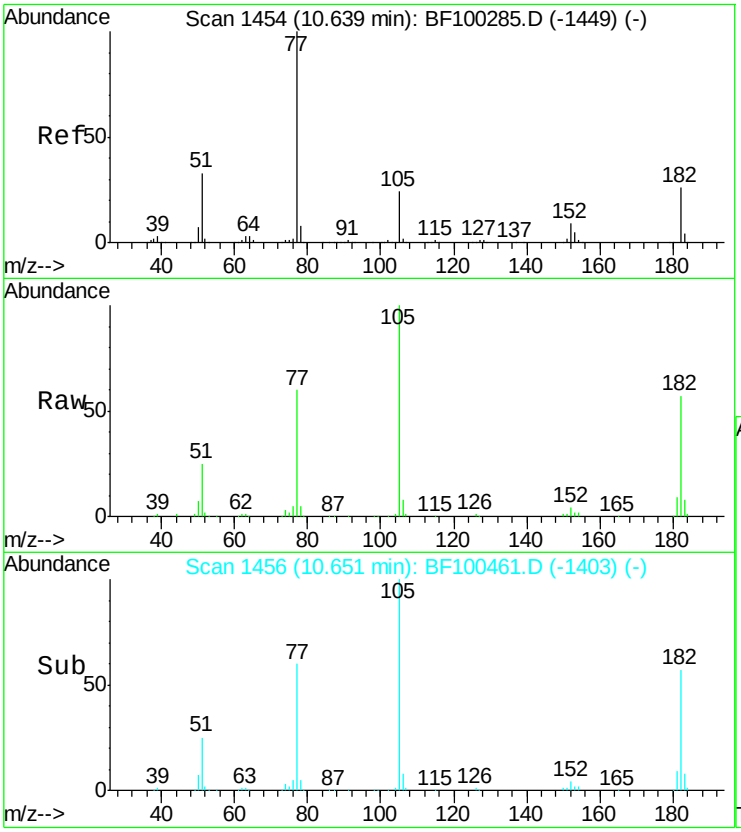


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:165 Resp: 28338

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



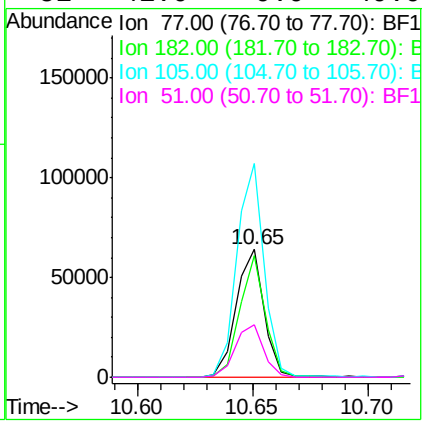


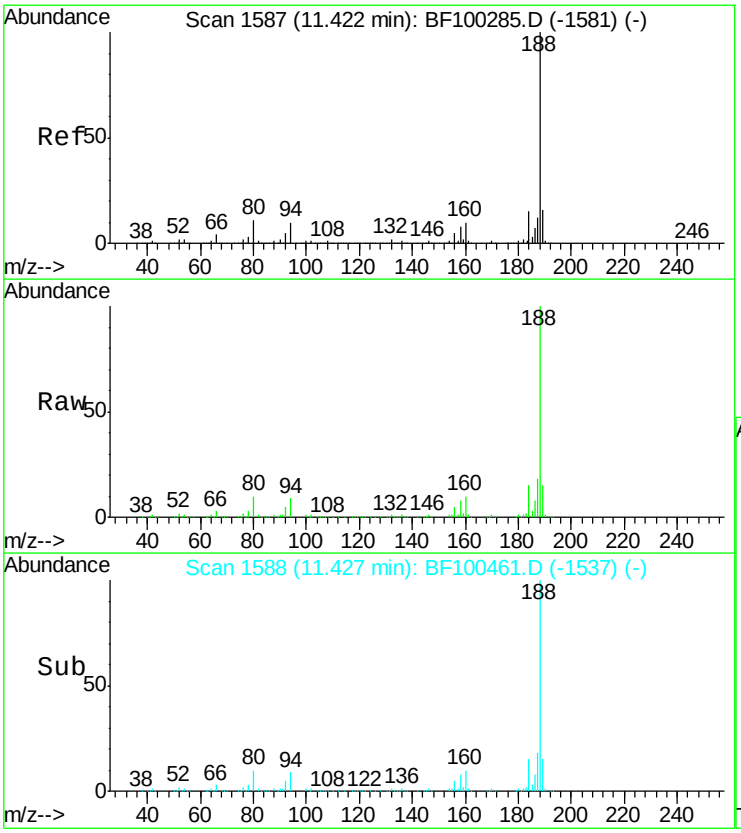
#62
Azobenzene
Concen: 3.30 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion: 77 Resp: 54373

Ion	Ratio	Lower	Upper
77	100		
182	95.2	1.7	41.7#
105	167.3	3.0	43.0#
51	41.0	9.9	49.9

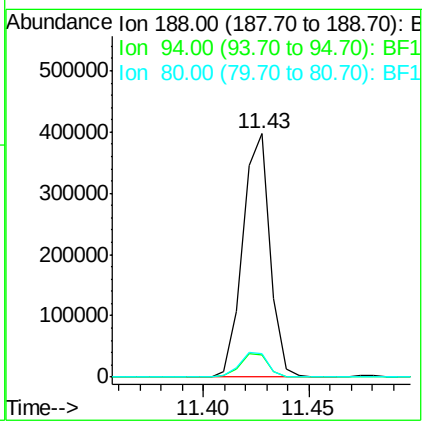


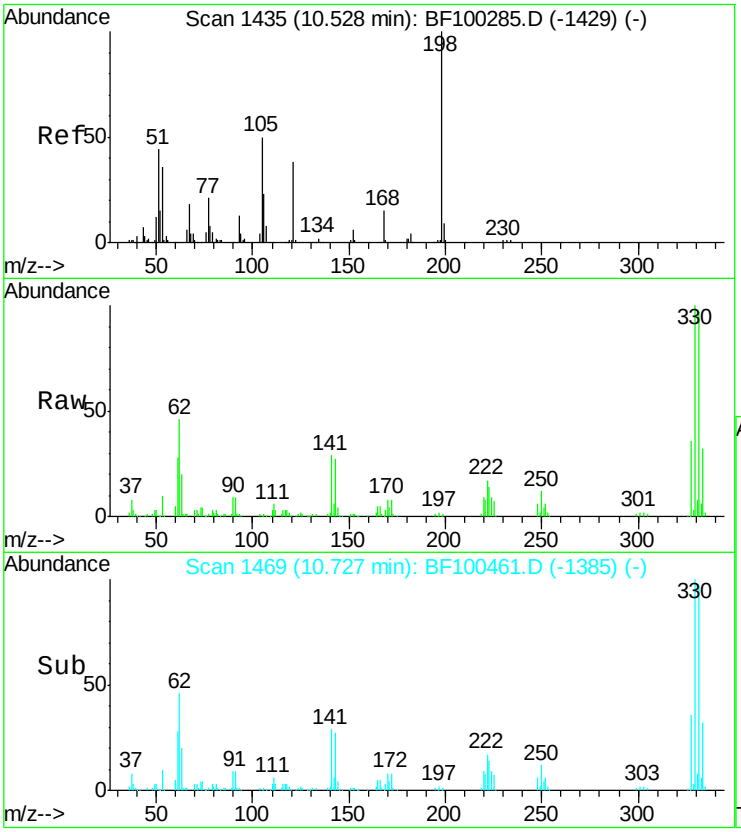


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:188 Resp: 355879

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	9.2	13.8



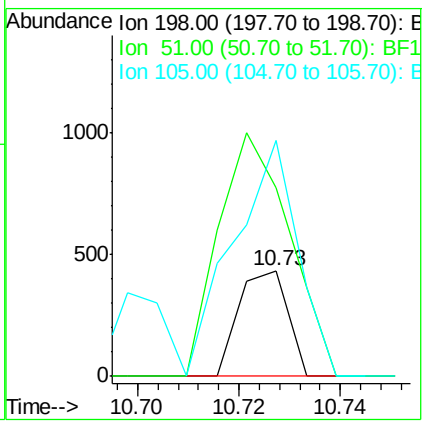


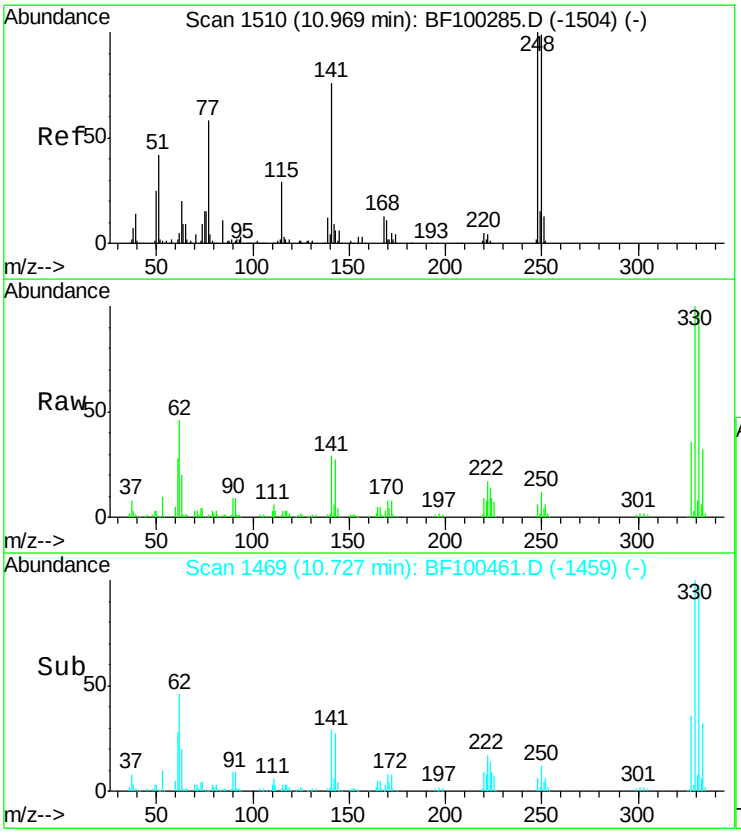
#64
4,6-Dinitro-2-methylphenol
Concen: 8.70 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:198 Resp: 290

Ion	Ratio	Lower	Upper
198	100		
51	178.7	37.7	77.7#
105	223.6	36.3	76.3#

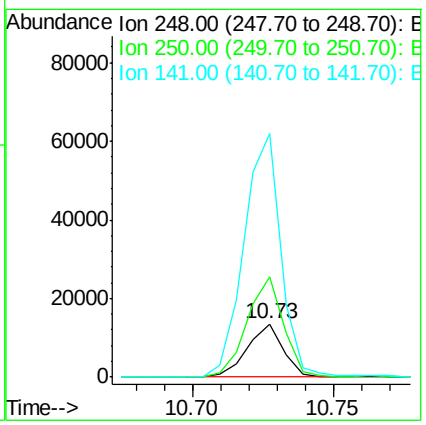


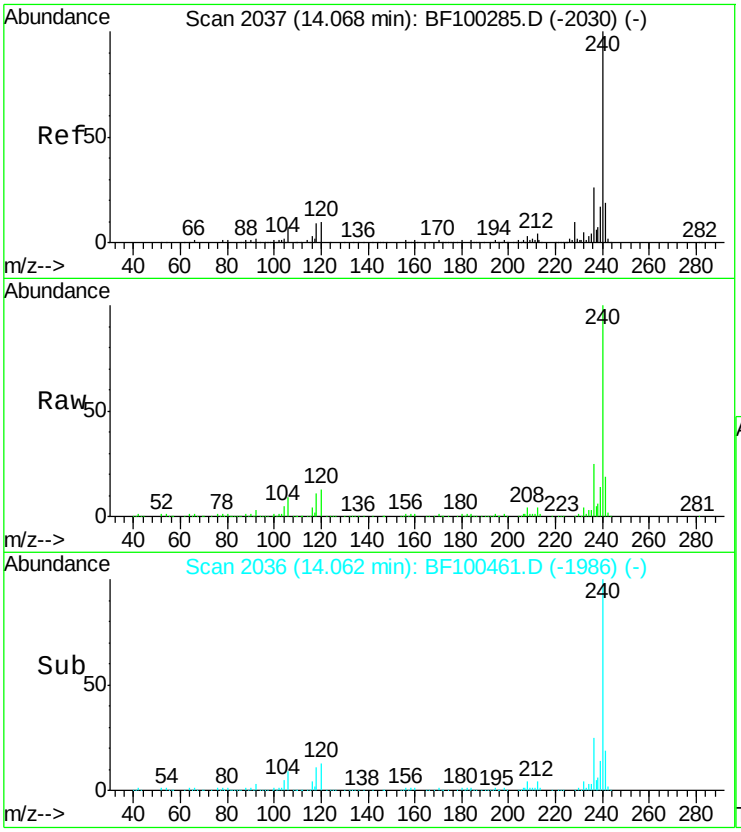


#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:248 Resp: 11756

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.9	115.3#
141	457.3	74.4	111.6#



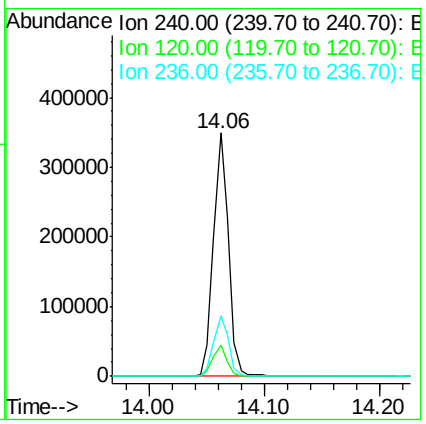


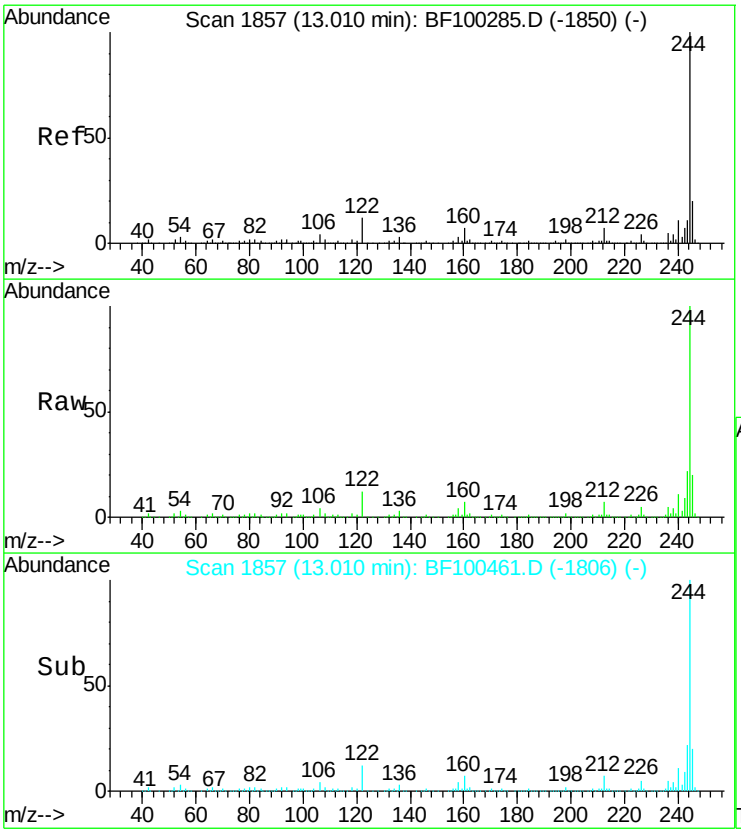
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:240 Resp: 314590

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.0	20.7	31.1

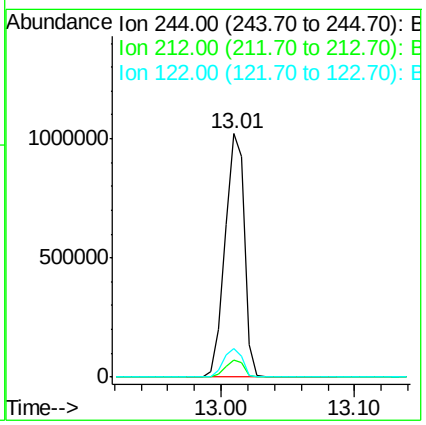


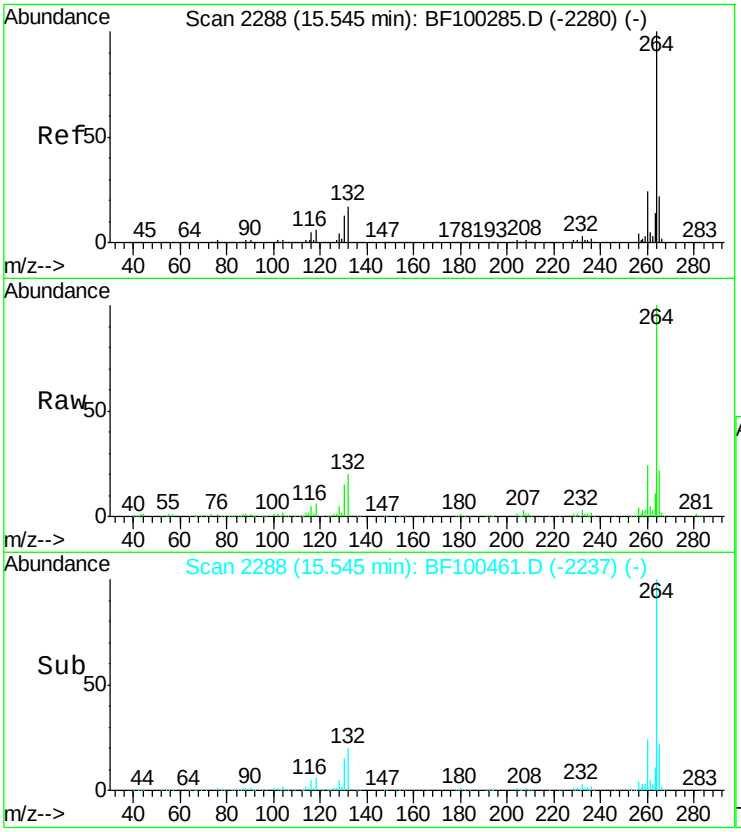


#78
Terphenyl-d14
Concen: 76.32 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Tgt Ion:244 Resp: 1044926

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100461.D
Acq: 12 Nov 2017 1:44

Instrument :
BNA_F
ClientSampleId :
110617-JETT-F-D-S

Tgt Ion:264 Resp: 223357

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.5	26.3