Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\

Quantitation Report (Not Reviewed)

Data File : BF100649.D
Acq On : 17 Nov 2017 00:32
Operator : SJ/JU
Sample : I6490-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 111417-JETT-E-D-S

Quant Time: Nov 17 01:13:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	104496	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	397953	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	172252	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	275252	20.00	ng	0.00
75) Chrysene-d12	14.04	240	215783	20.00	ng	0.00
86) Perylene-d12	15.52	264	201442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	297728	45.67	ng	0.00
7) Phenol-d6	6.50	99	233914	29.10	ng	-0.01
23) Nitrobenzene-d5	7.45	82	602990	100.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	138466	78.89	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1117086	98.75	ng	0.00
78) Terphenyl-d14	12.99	244	745335	79.37	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	78231	14.03	ng	# 80
25) Isophorone	7.45	82	602865	47.66	ng	# 64
47) 2-Nitroaniline	9.24	65	1640	3.27	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	21229	8.15	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	21229	6.46	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	125	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	8446	2.86	ng	# 1

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

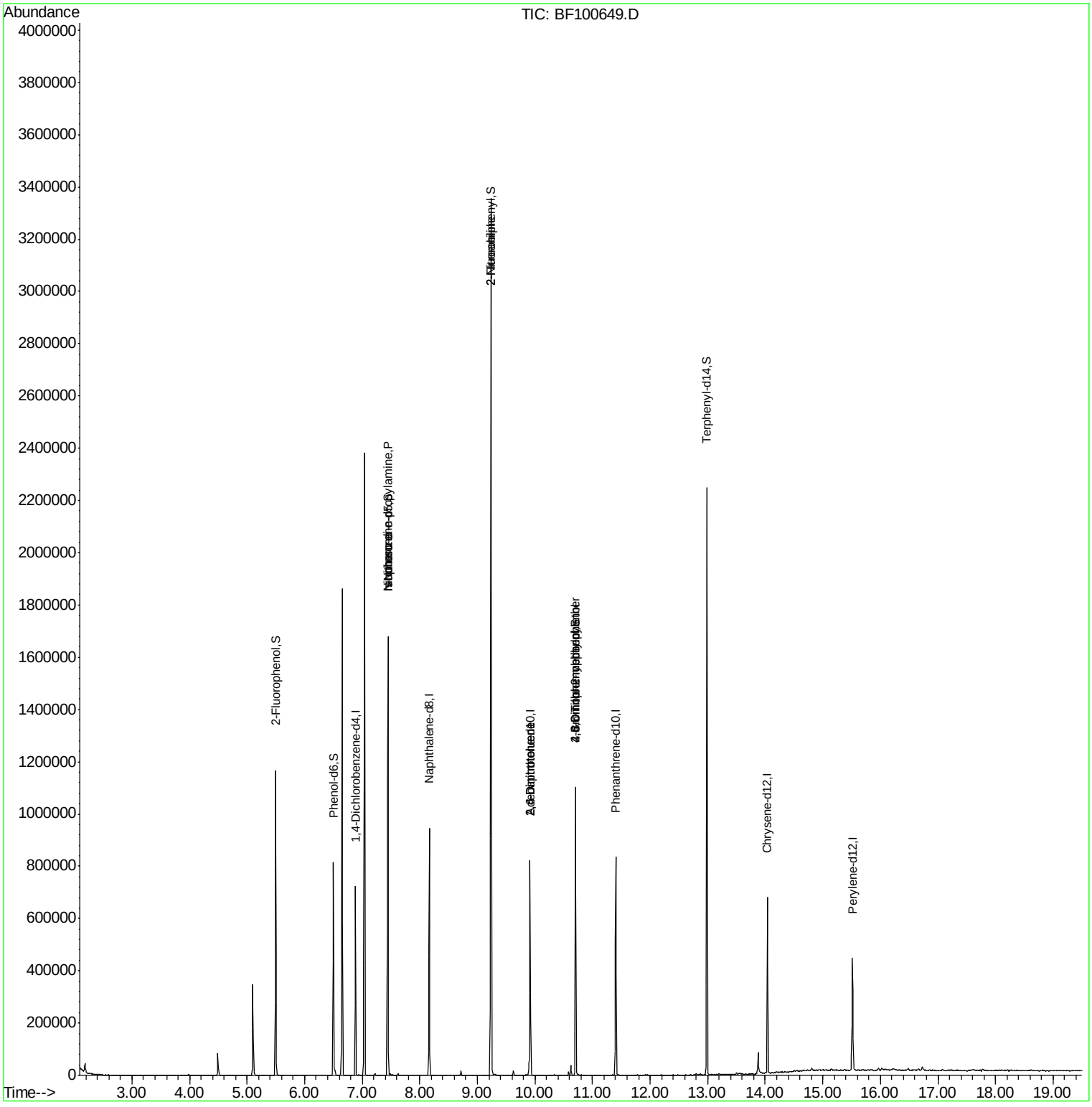
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\

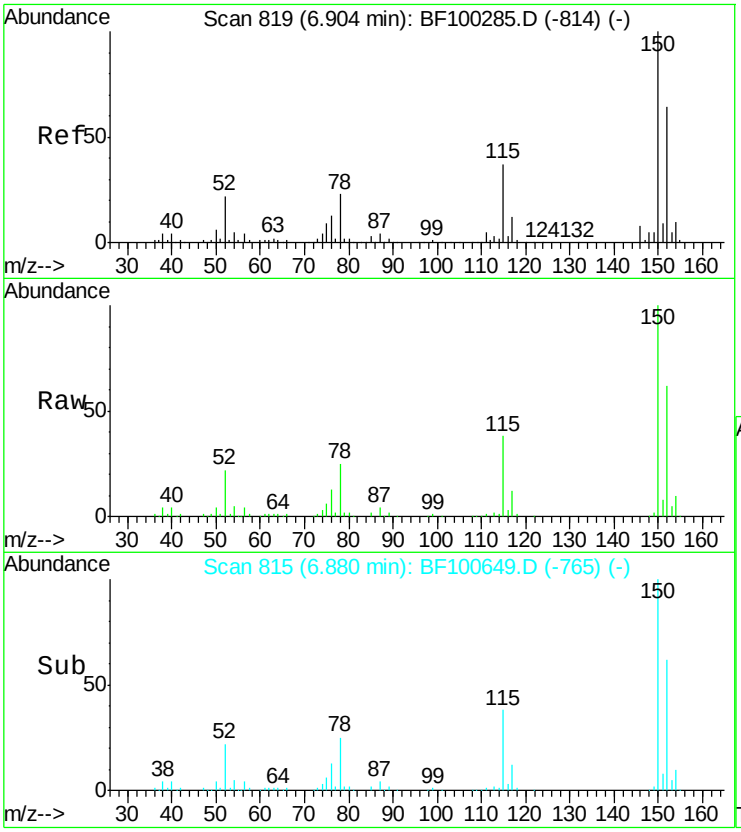
Quantitation Report (Not Reviewed)

Data File : BF100649.D
Acq On : 17 Nov 2017 00:32
Operator : SJ/JU
Sample : I6490-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Quant Time: Nov 17 01:13:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration



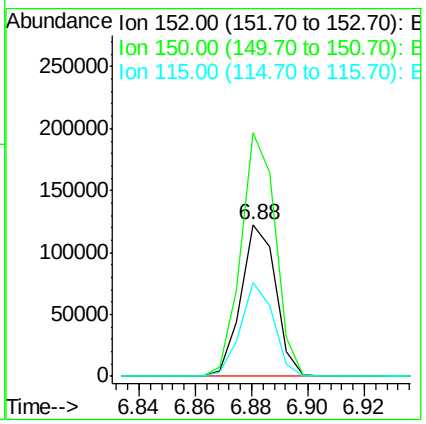


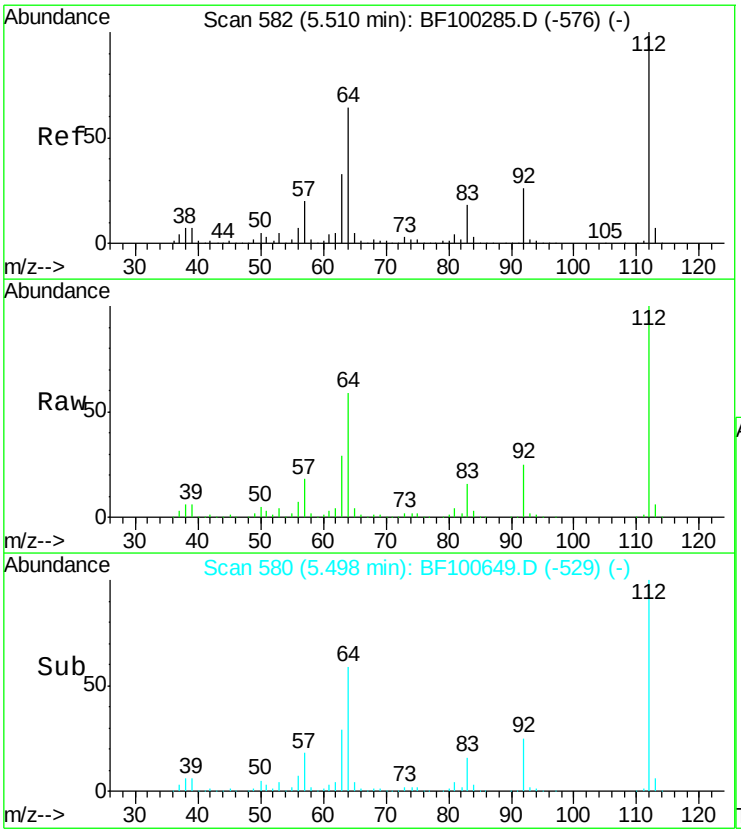
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:152 Resp: 104496

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	61.7	50.1	75.1

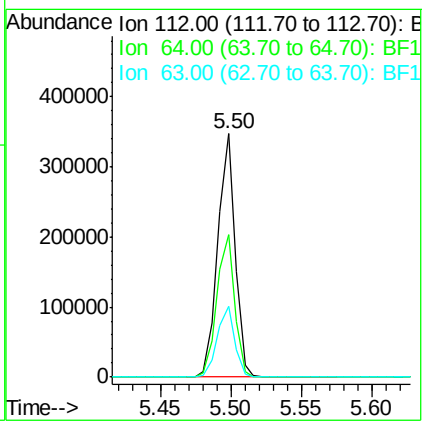


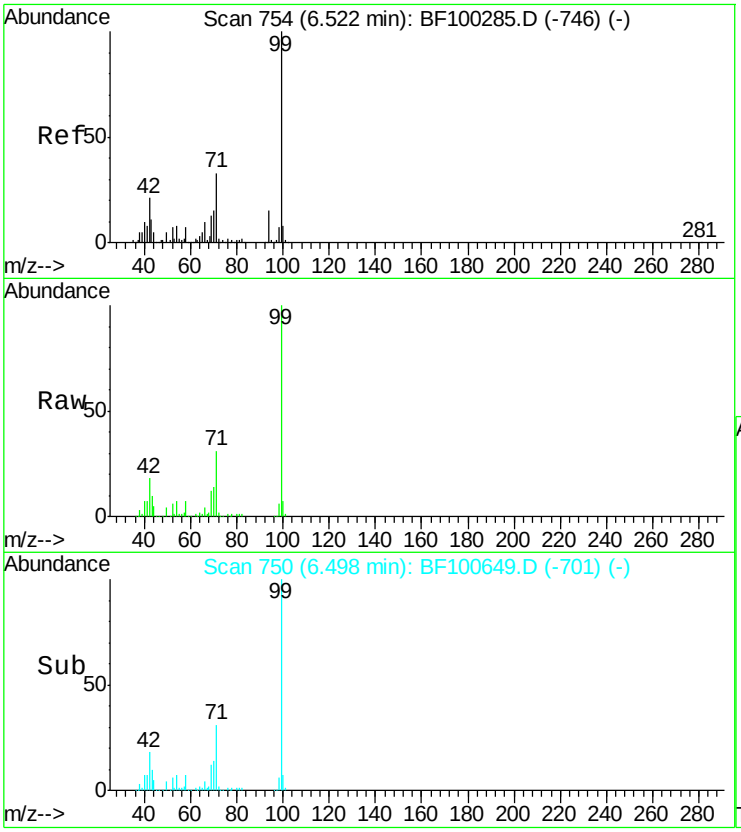


#5
2-Fluorophenol
Concen: 45.67 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:112 Resp: 297728

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.1	23.7	35.5



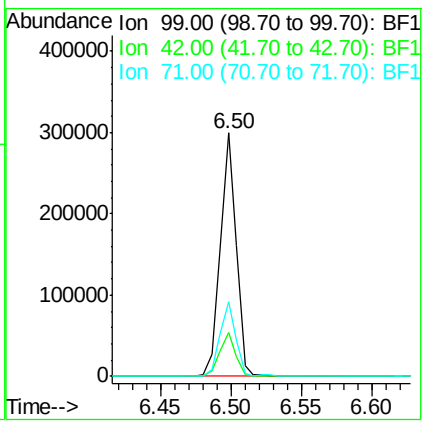


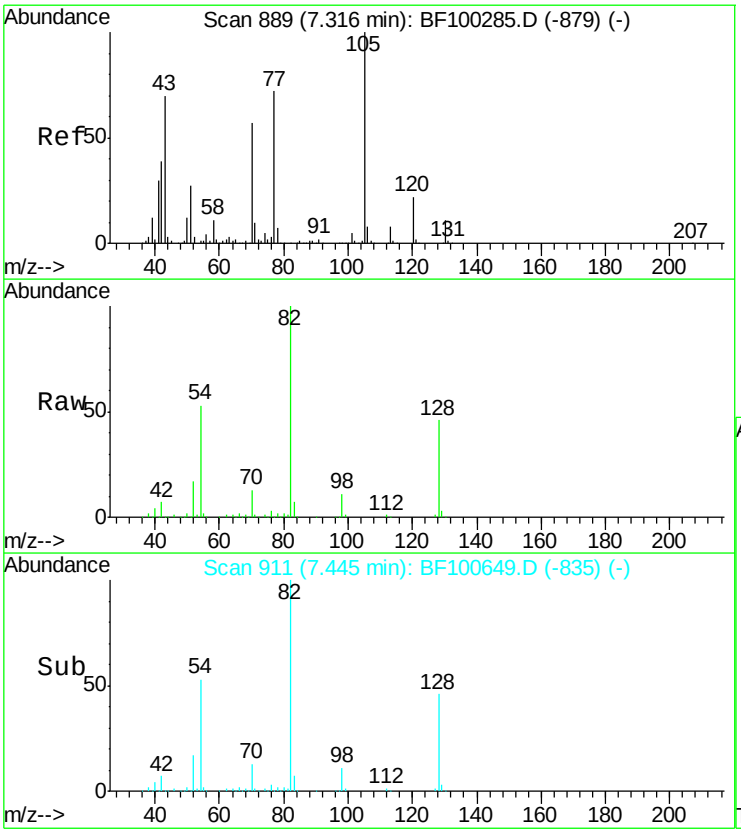
#7
Phenol-d6
Concen: 29.10 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion: 99 Resp: 233914

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.5	21.7
71	30.9	25.4	38.0

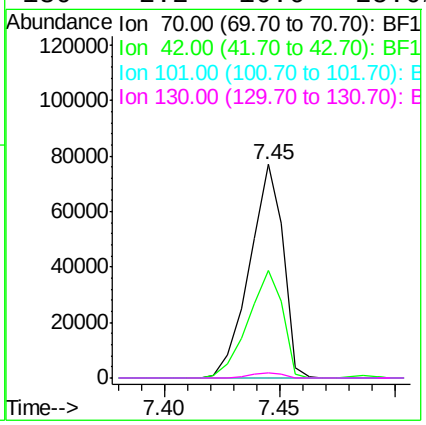


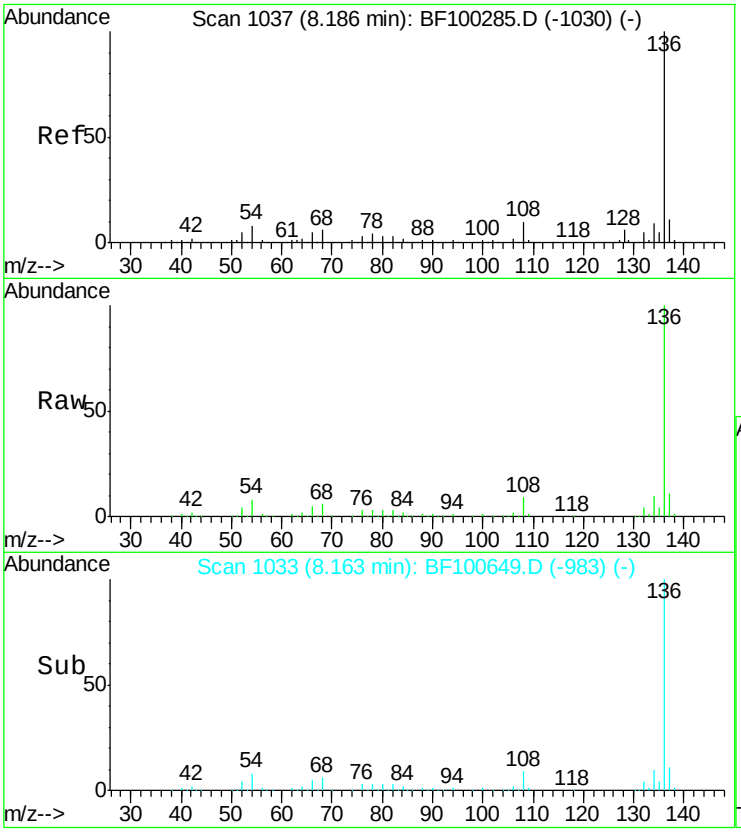


#19
n-Nitroso-di-n-propylamine
Concen: 14.03 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion: 70 Resp: 78231

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



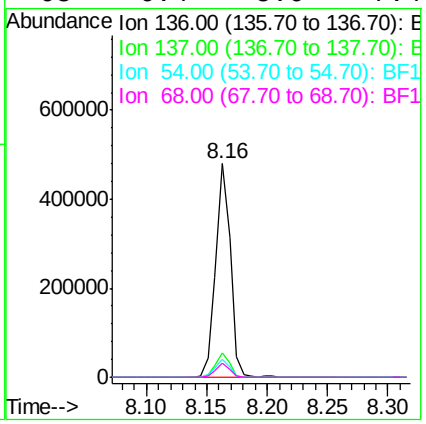


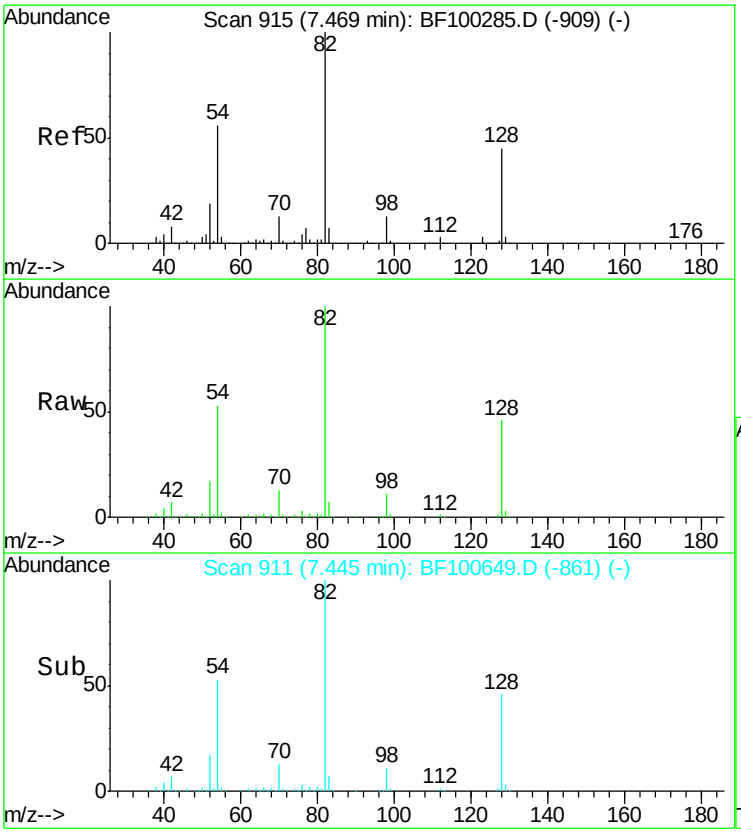
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:136 Resp: 397953

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4

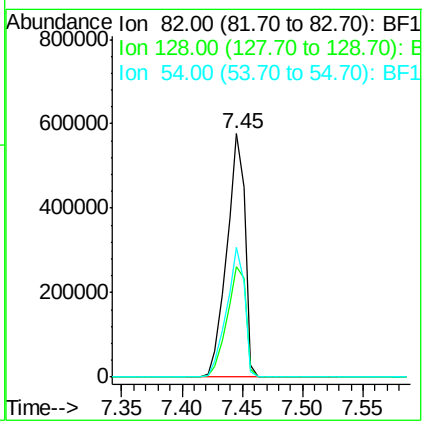


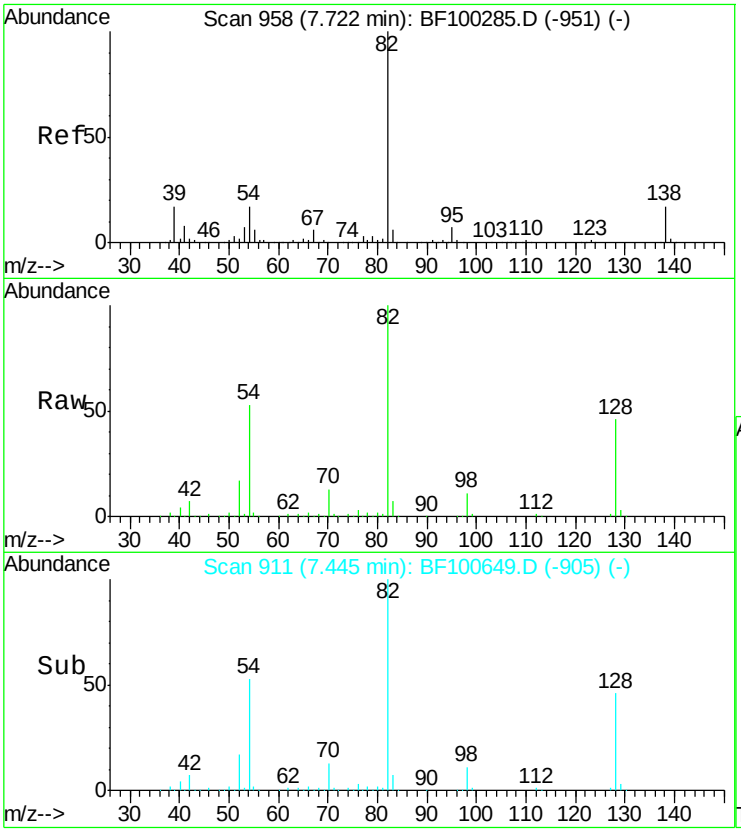


#23
Nitrobenzene-d5
Concen: 100.18 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion: 82 Resp: 602990

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.3	41.4	62.2



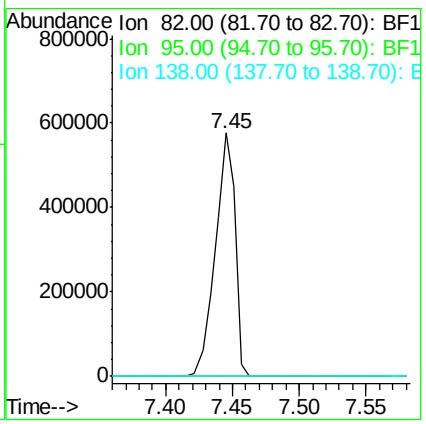


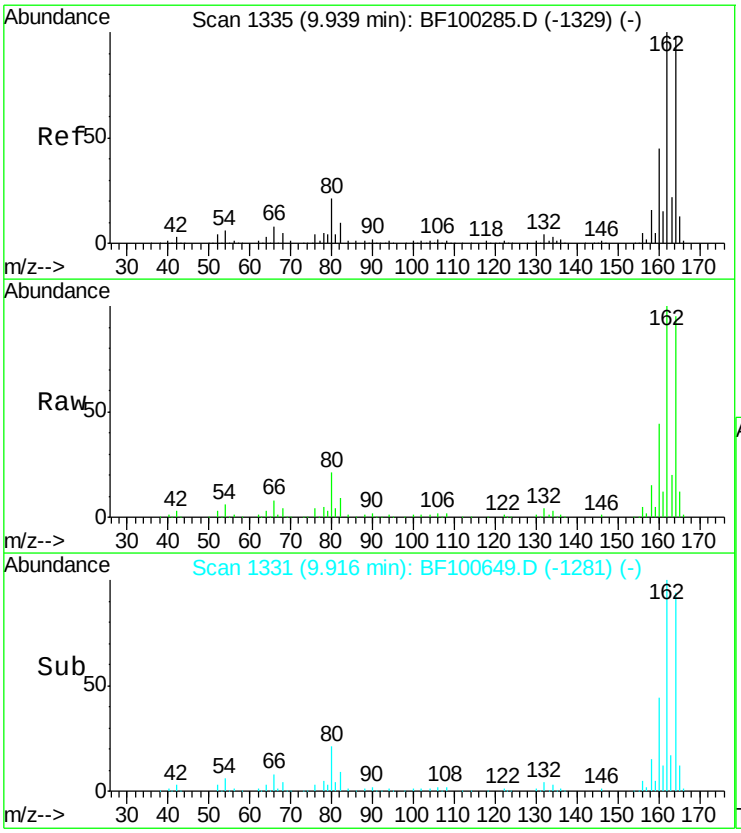
#25
Isophorone
Concen: 47.66 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion: 82 Resp: 602865

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

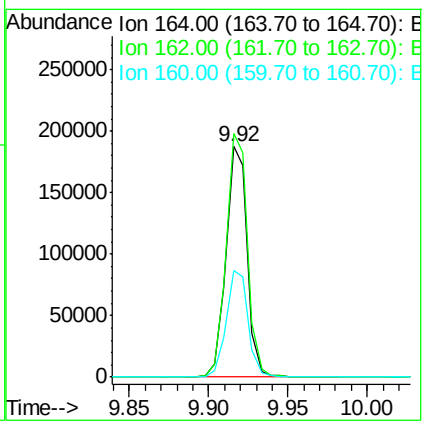


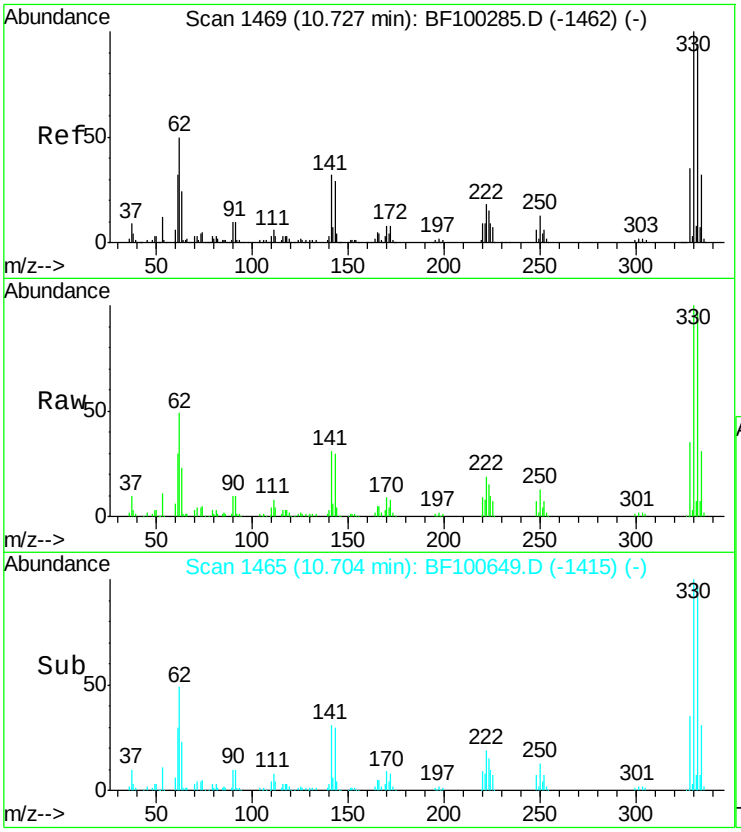


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:164 Resp: 172252

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.1	38.3	57.5



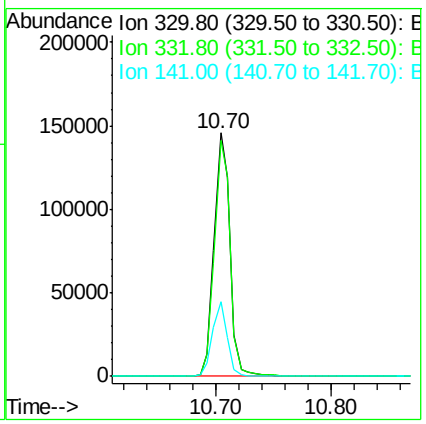


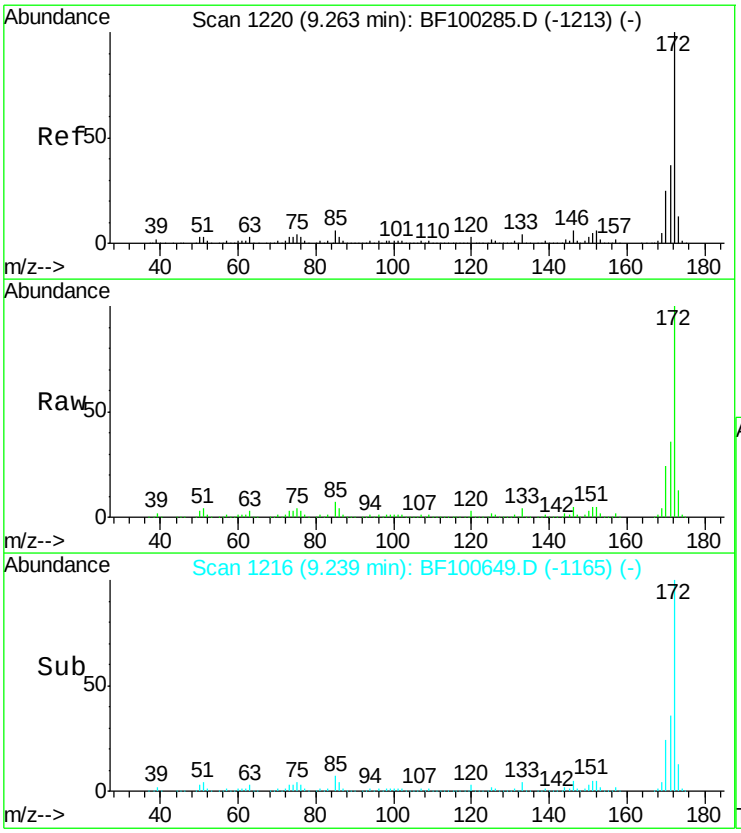
#41
2,4,6-Tribromophenol
Concen: 78.89 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:330 Resp: 138466

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.8	29.9	44.9#

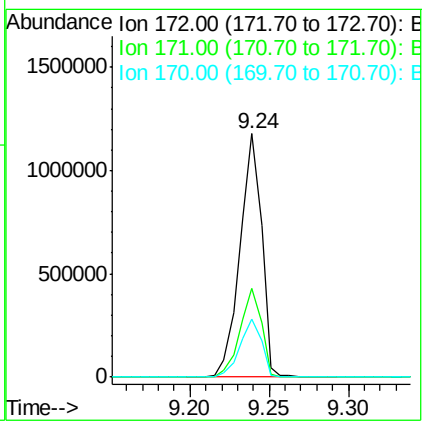


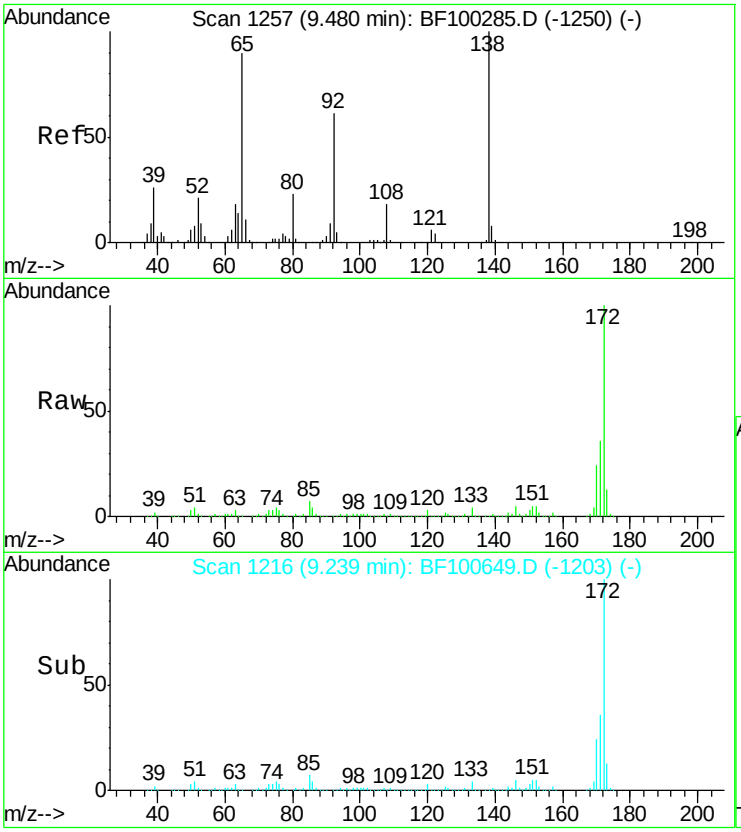


#44
2-Fluorobiphenyl
Concen: 98.75 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:172 Resp: 1117086

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



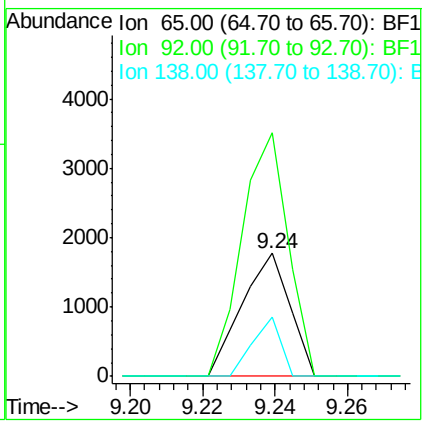


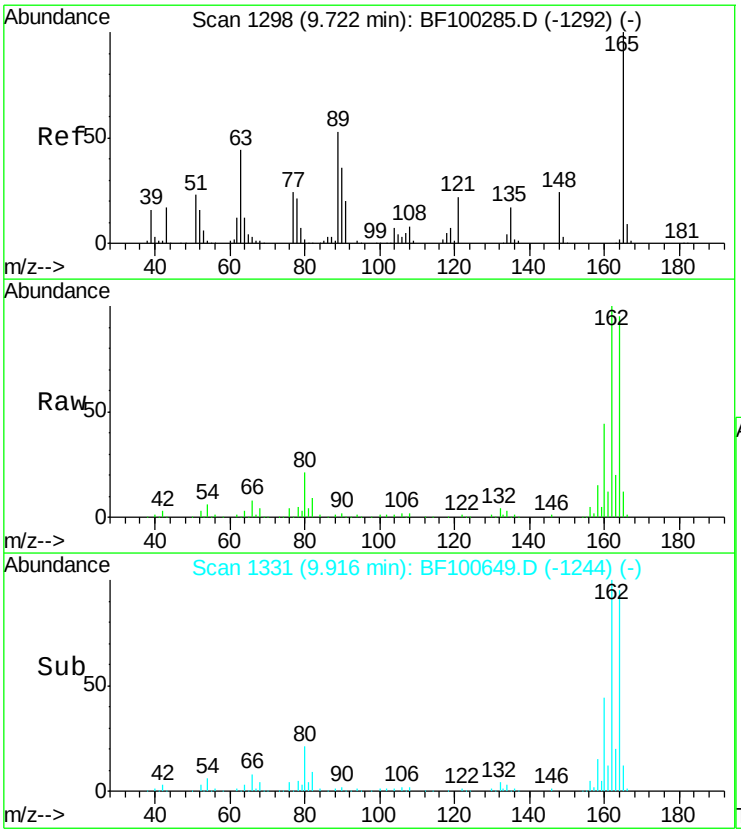
#47
2-Nitroaniline
Concen: 3.27 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion: 65 Resp: 1640

Ion	Ratio	Lower	Upper
65	100		
92	198.4	55.8	83.6#
138	48.1	91.2	136.8#

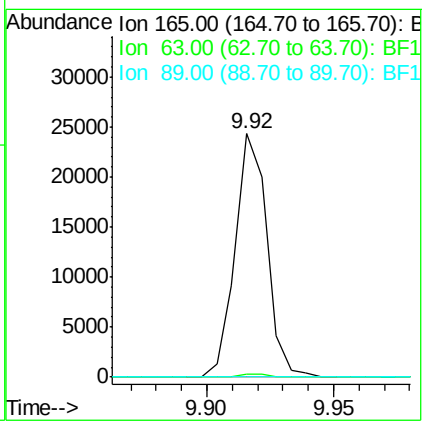


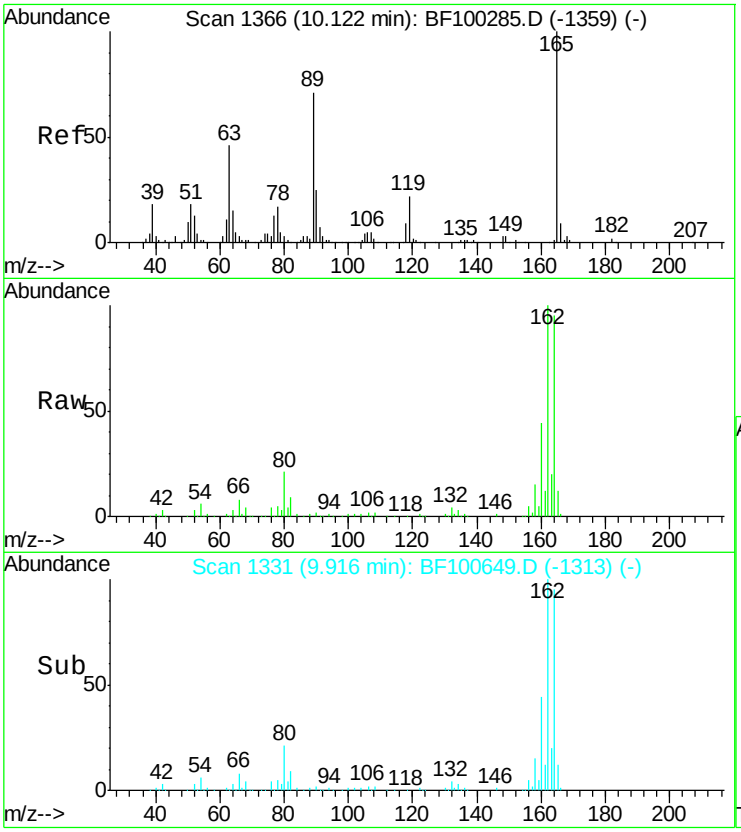


#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:165 Resp: 21229

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	0.0	44.0	66.0#



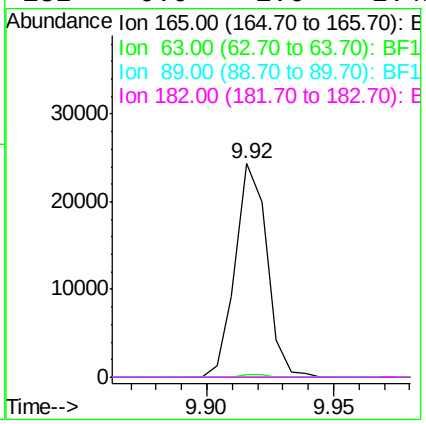


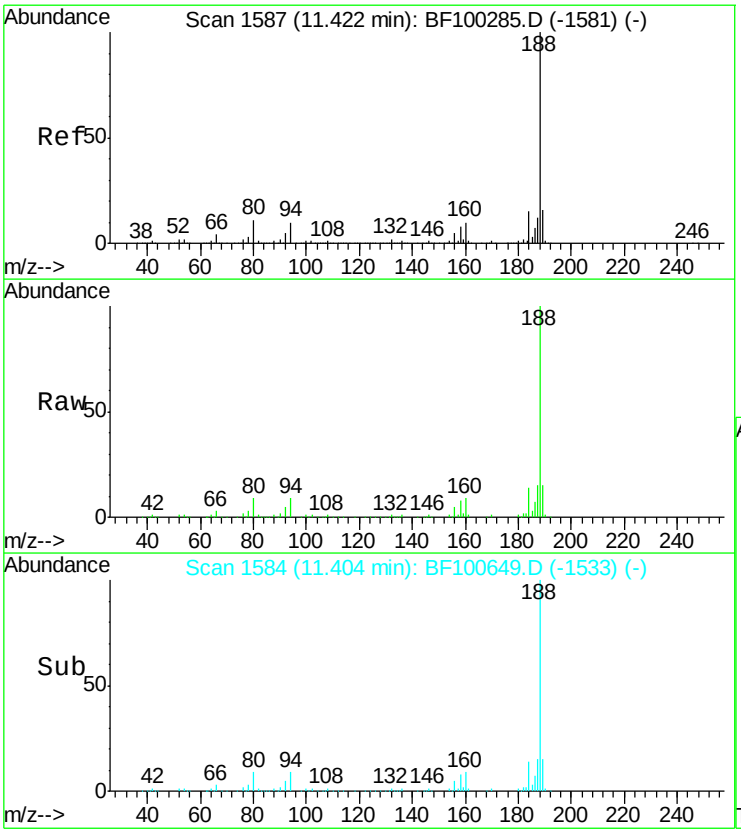
#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:165 Resp: 21229

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

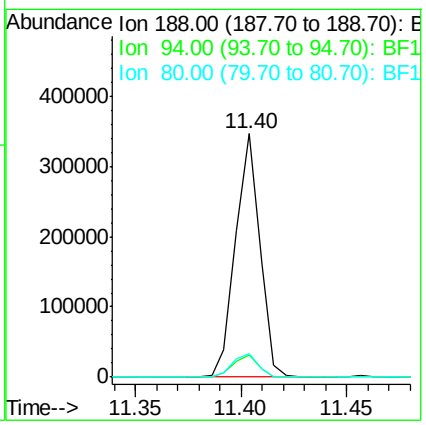


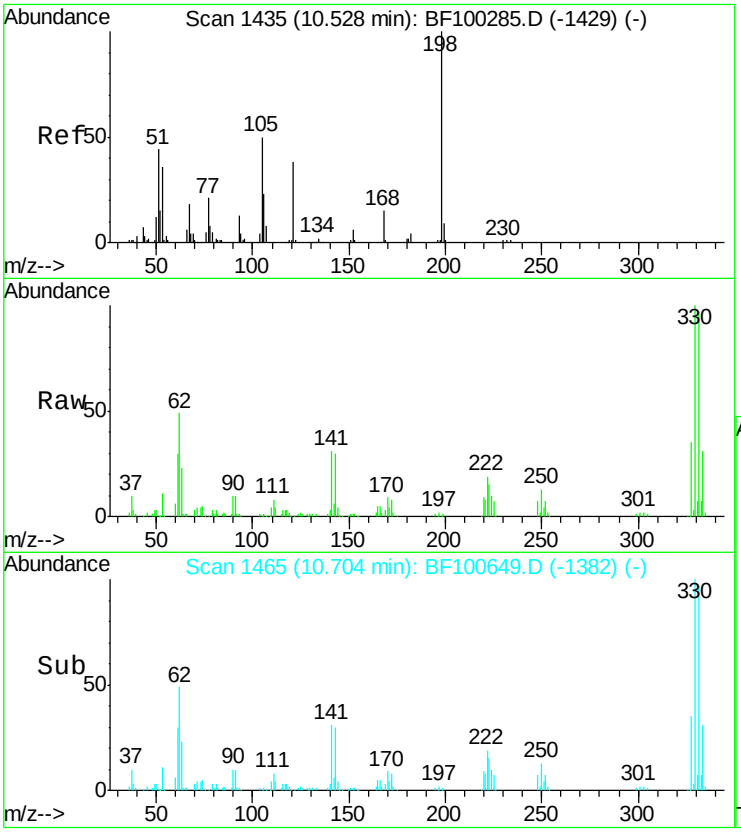


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:188 Resp: 275252

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8



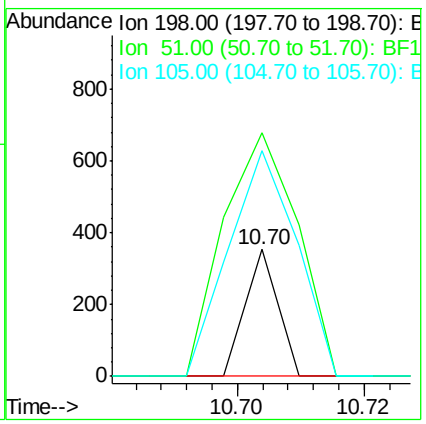


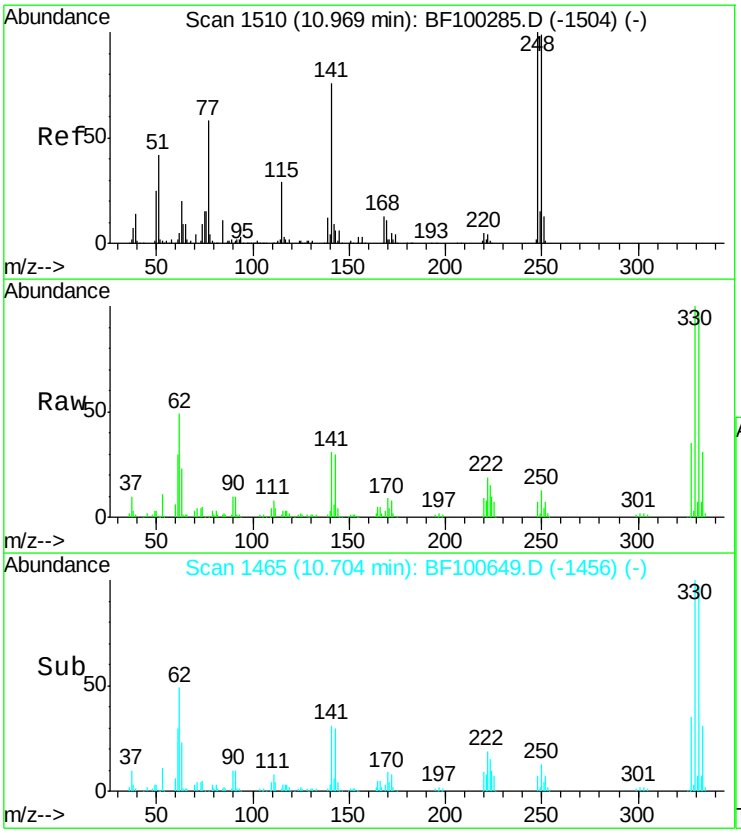
#64
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:198 Resp: 125

Ion	Ratio	Lower	Upper
198	100		
51	191.5	37.7	77.7#
105	177.1	36.3	76.3#

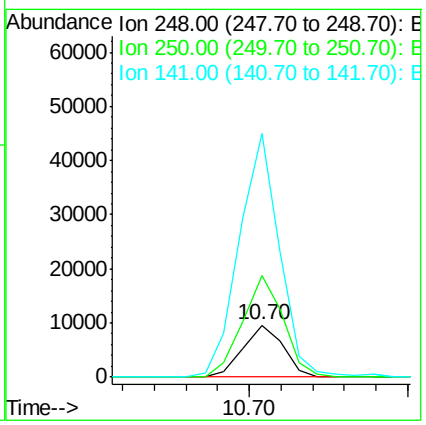


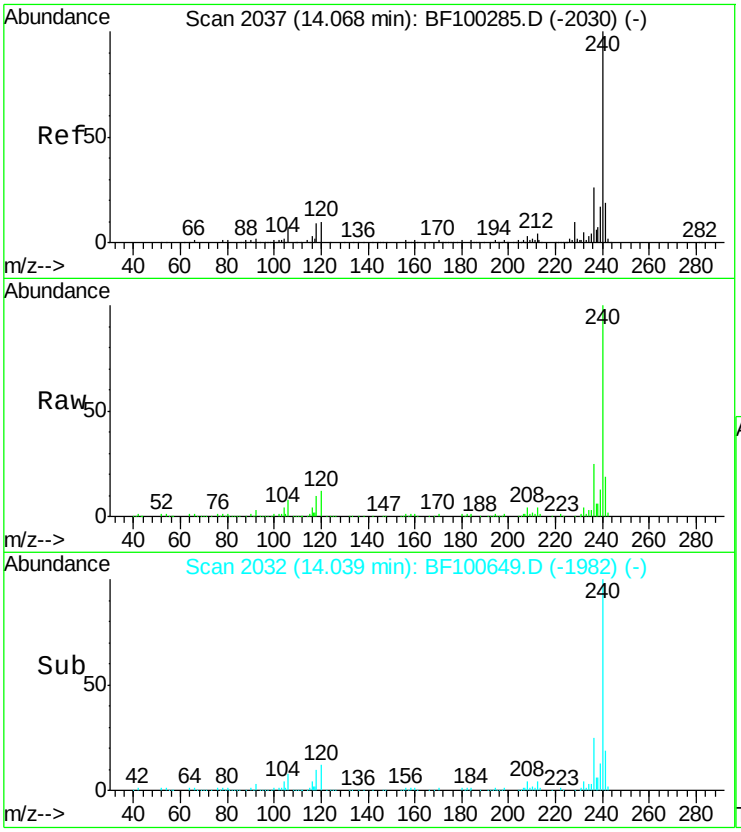


#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:248 Resp: 8446

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.9	115.3#
141	467.9	74.4	111.6#



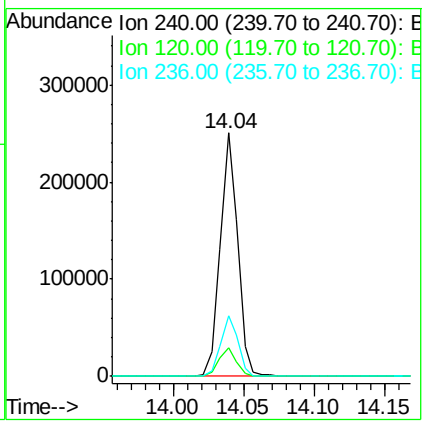


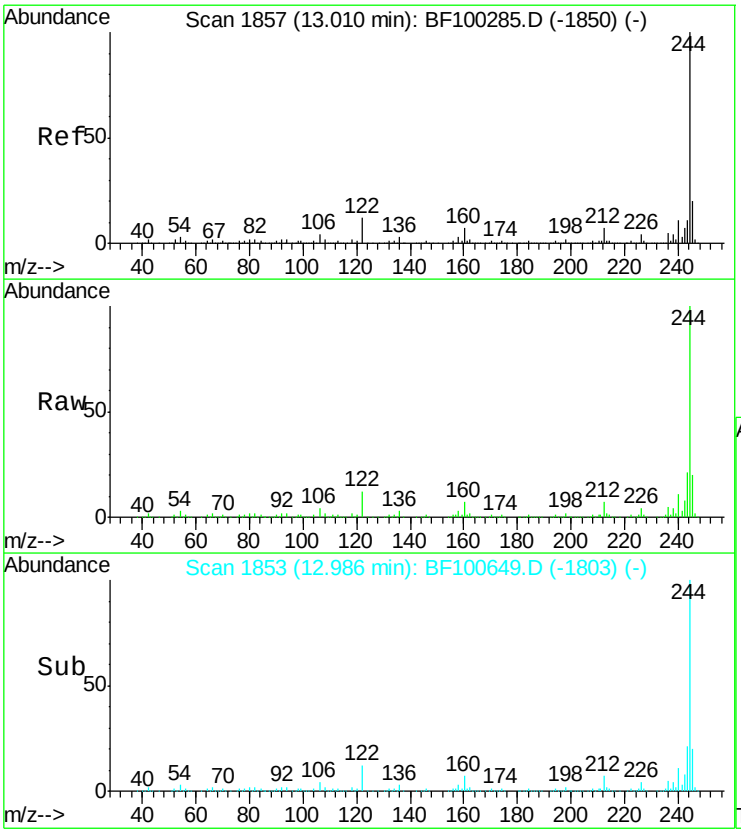
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:240 Resp: 215783

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	24.9	20.7	31.1

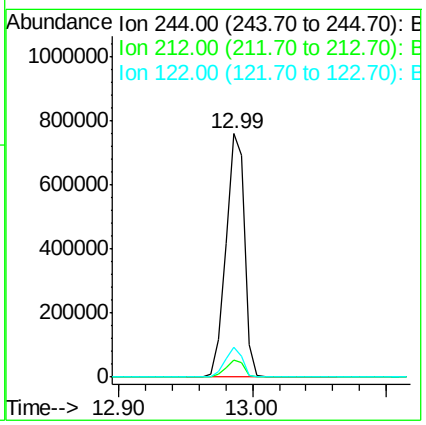


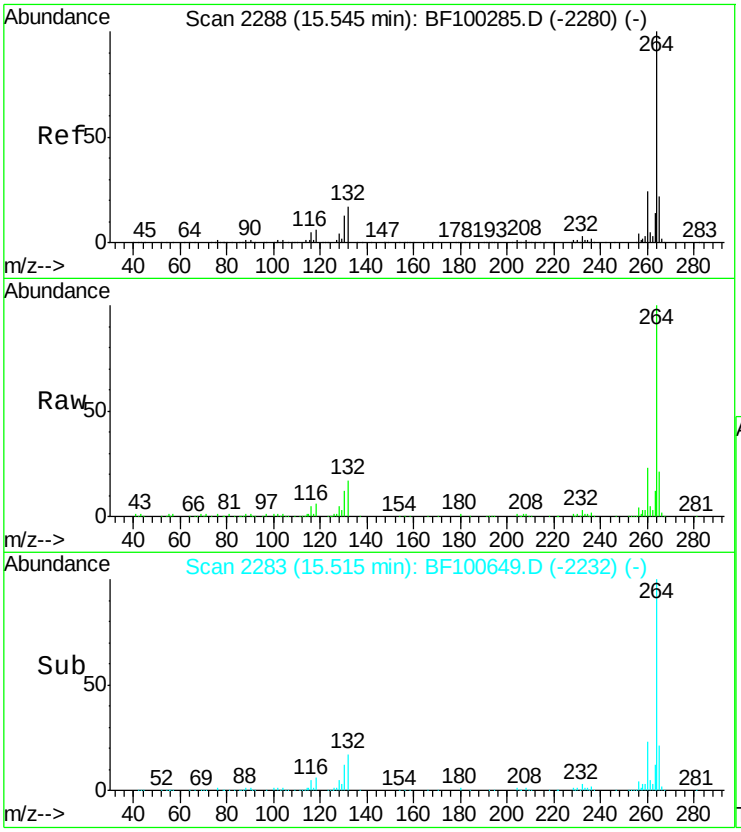


#78
Terphenyl-d14
Concen: 79.37 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Tgt Ion:244 Resp: 745335

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100649.D
Acq: 17 Nov 2017 00:32

Instrument :
BNA_F
ClientSampleId :
111417-JETT-E-D-S

Tgt Ion:264 Resp: 201442

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3