Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
Data File : BF100674.D
Acq On : 17 Nov 2017 14:24
Operator : SJ/JU
Sample : I6454-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 17 16:41:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103703	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	408608	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	188175	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	353446	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223470	20.00	ng	0.00
86) Perylene-d12	15.52	264	235664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	866071	133.87	ng	0.02
7) Phenol-d6	6.52	99	1088483	136.44	ng	0.00
23) Nitrobenzene-d5	7.44	82	685431	110.90	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	258140	134.62	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1178908	95.40	ng	0.00
78) Terphenyl-d14	12.99	244	940229	96.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	88955	16.079	ng	# 82
25) Isophorone	7.44	82	685412	52.774	ng	# 64
47) 2-Nitroaniline	9.63	65	1981	3.319	ng	# 1
49) Dimethylphthalate	9.63	163	215267	14.983	ng	100
56) 2,4-Dinitrotoluene	9.92	165	23780	6.628	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	511	8.805	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	15587	4.114	ng	# 1

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

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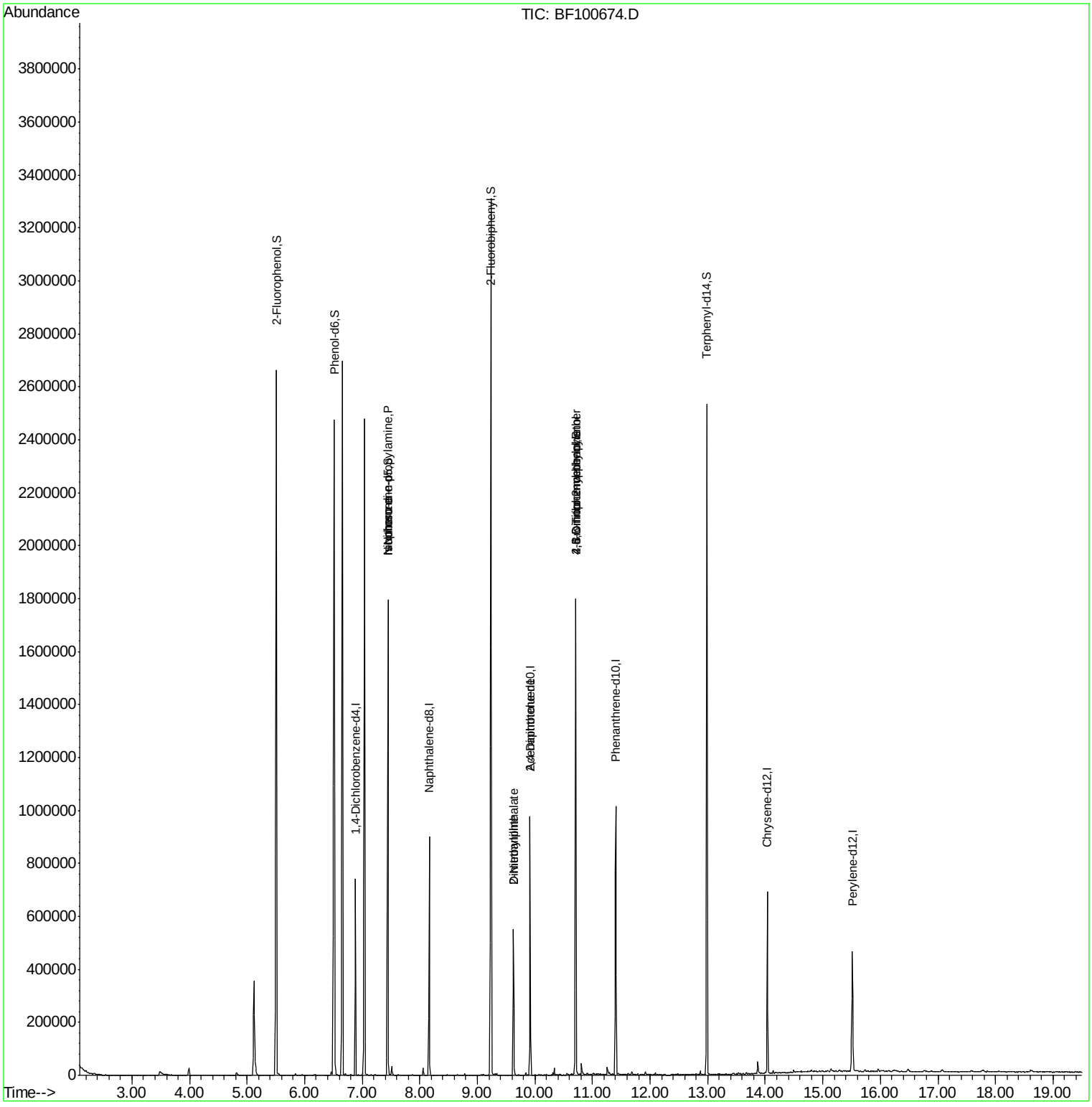
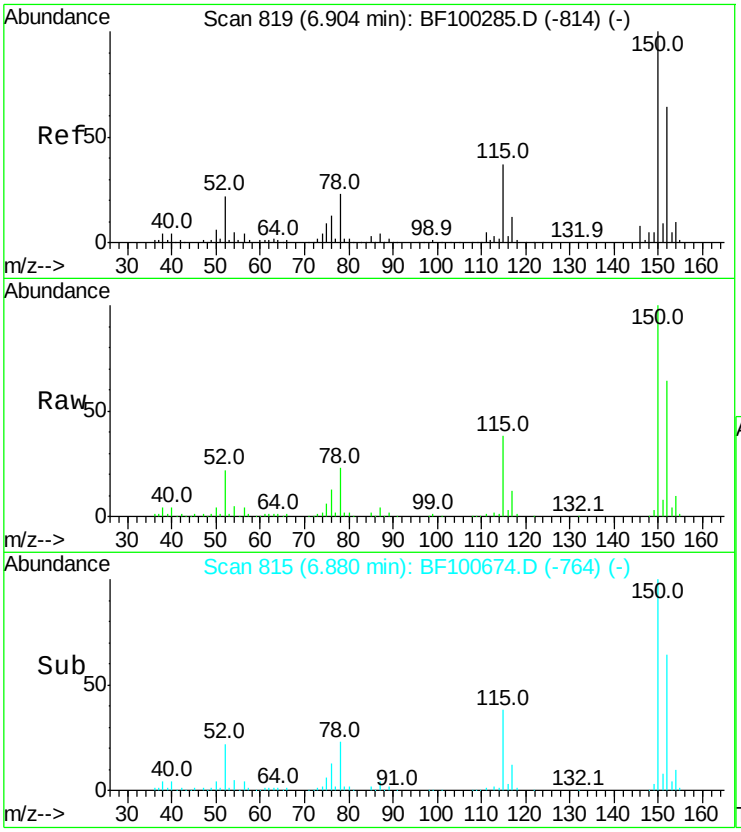


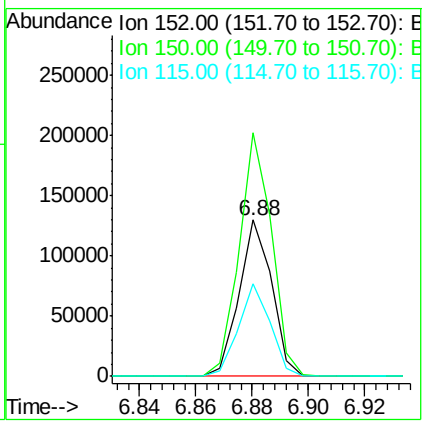


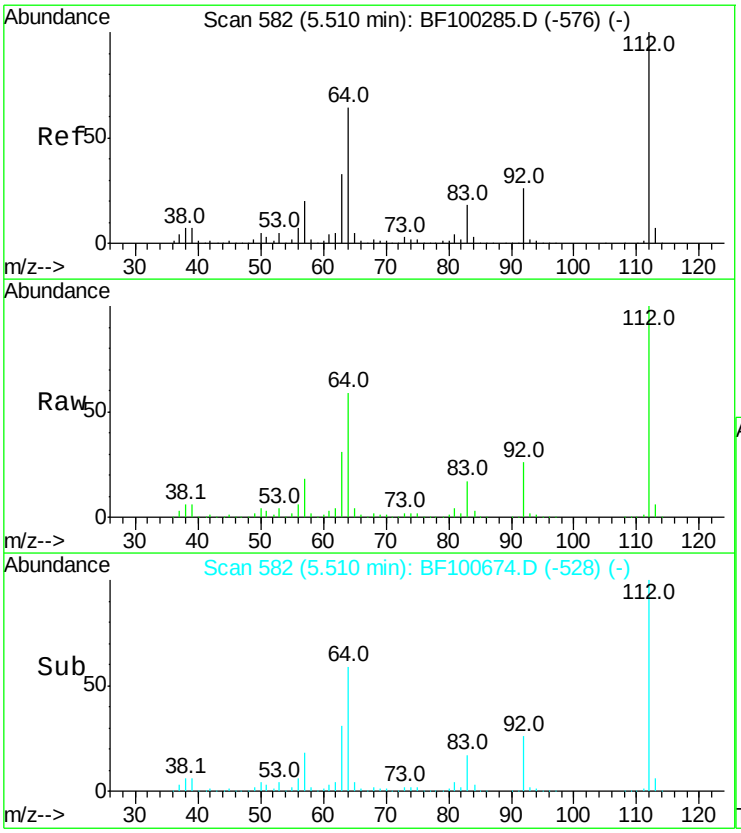
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103703

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.2	50.1	75.1

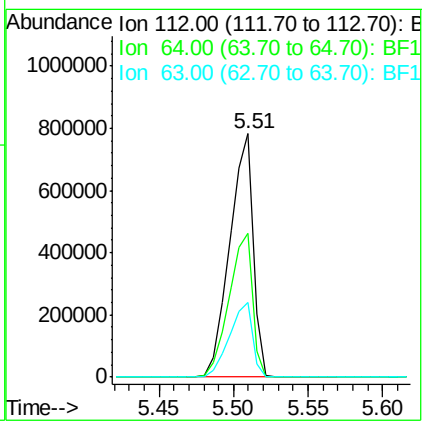


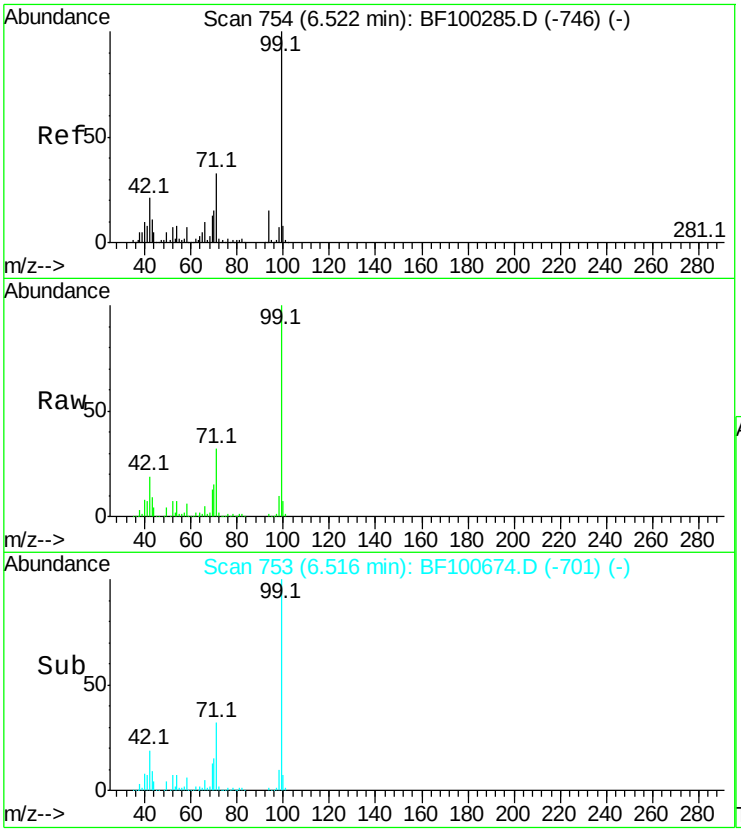


#5
2-Fluorophenol
Concen: 133.873 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:112 Resp: 866071

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	30.5	23.7	35.5



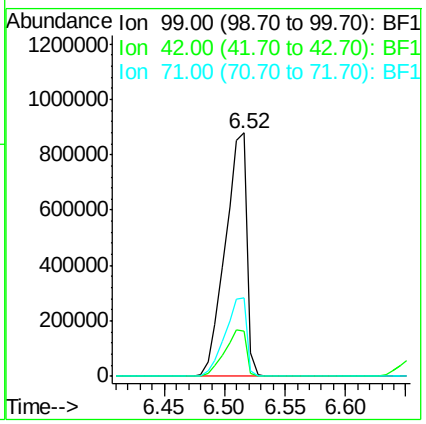


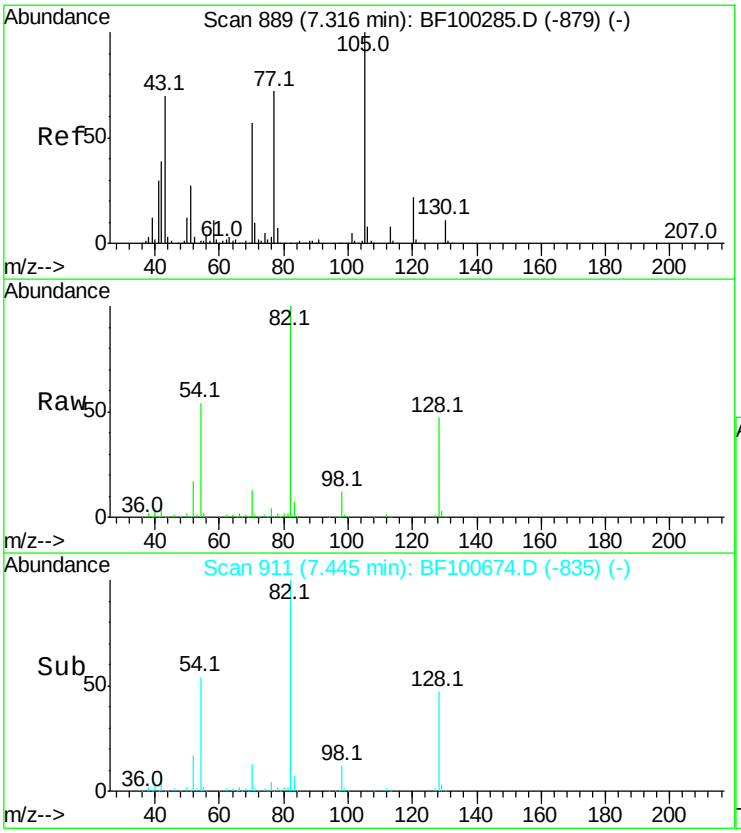
#7
Phenol-d6
Concen: 136.443 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1088483

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.1	25.4	38.0

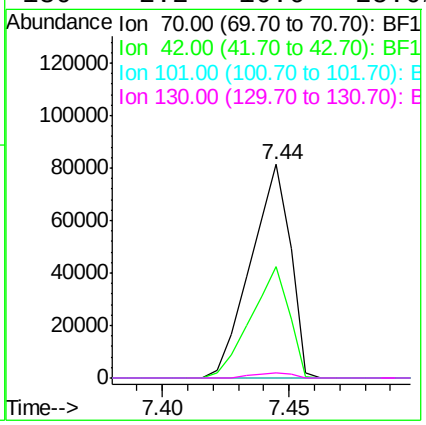


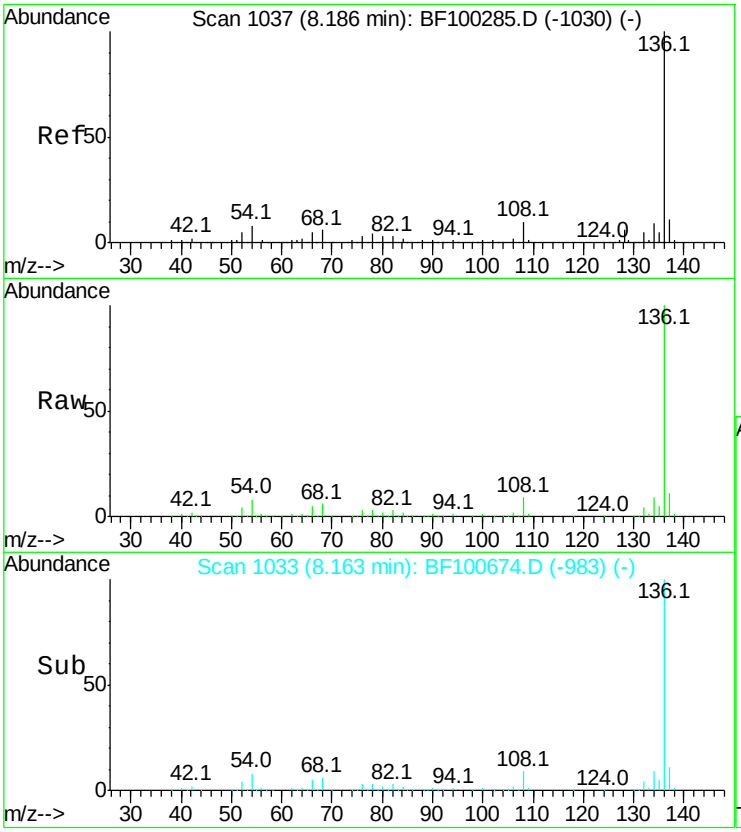


#19
n-Nitroso-di-n-propylamine
Concen: 16.079 ng
RT: 7.44 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion: 70 Resp: 88955

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



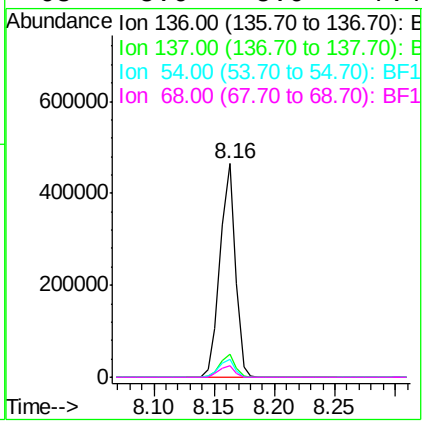


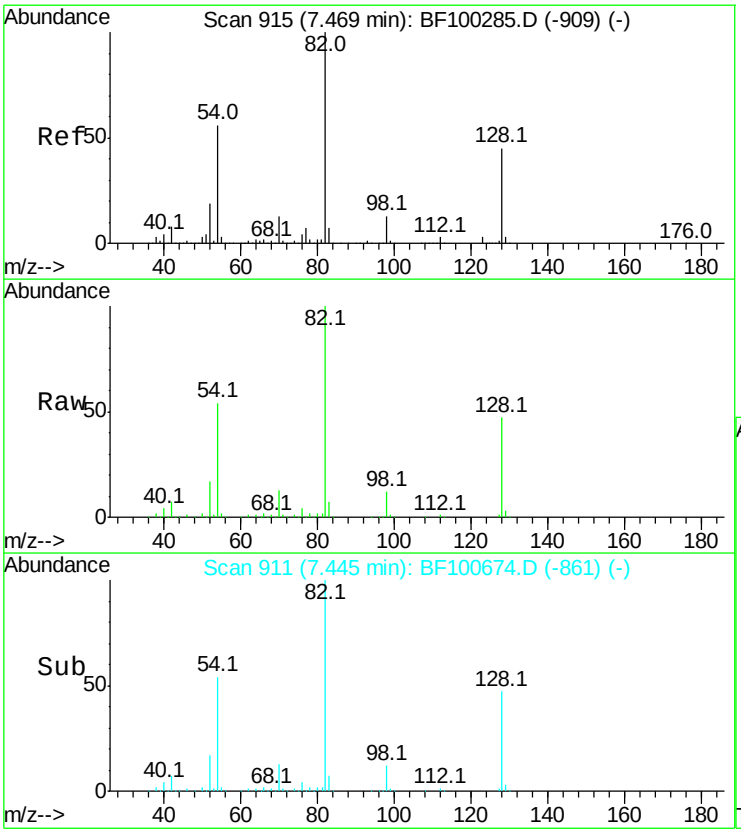
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 408608

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4

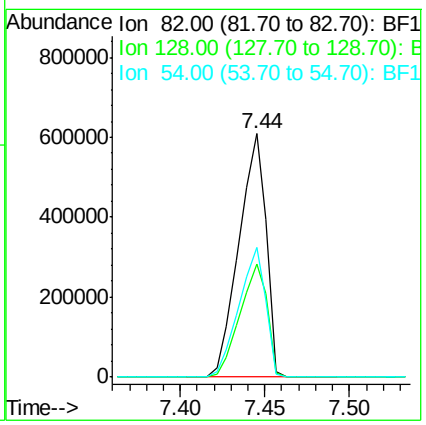


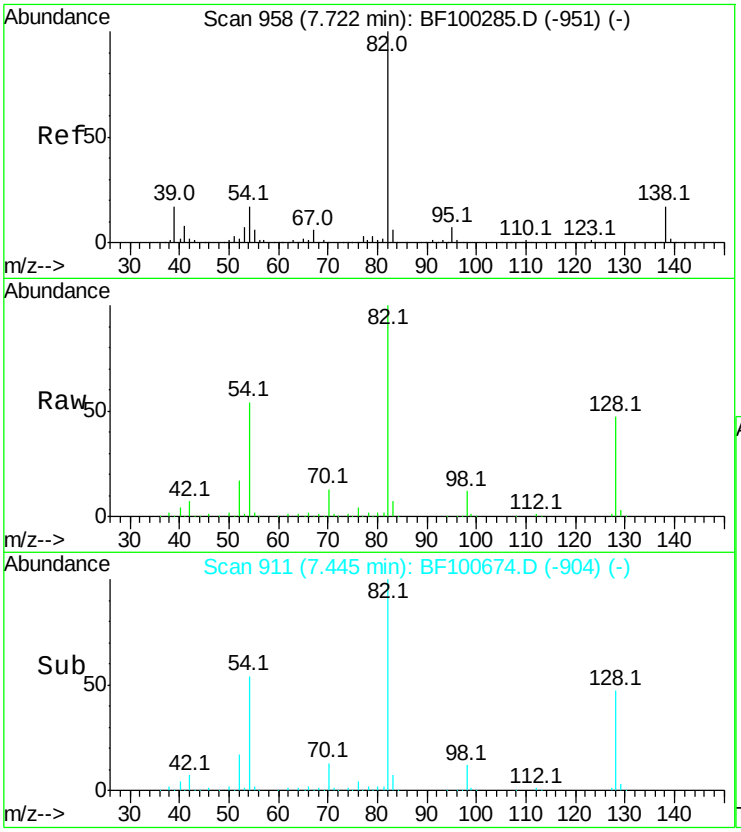


#23
Nitrobenzene-d5
Concen: 110.904 ng
RT: 7.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion: 82 Resp: 685431

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	53.5	41.4	62.2



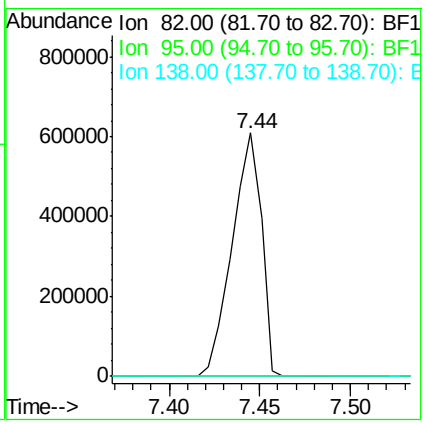


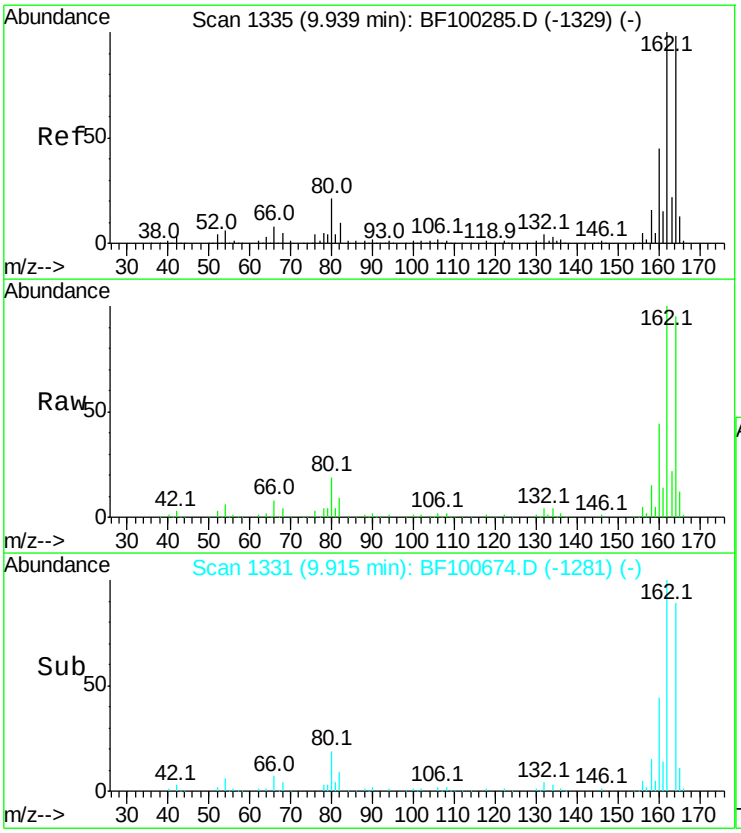
#25
Isophorone
Concen: 52.774 ng
RT: 7.44 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 685412

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

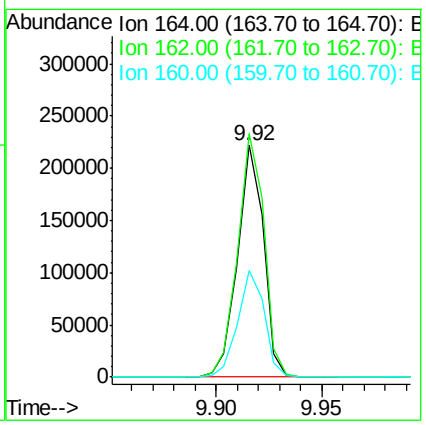


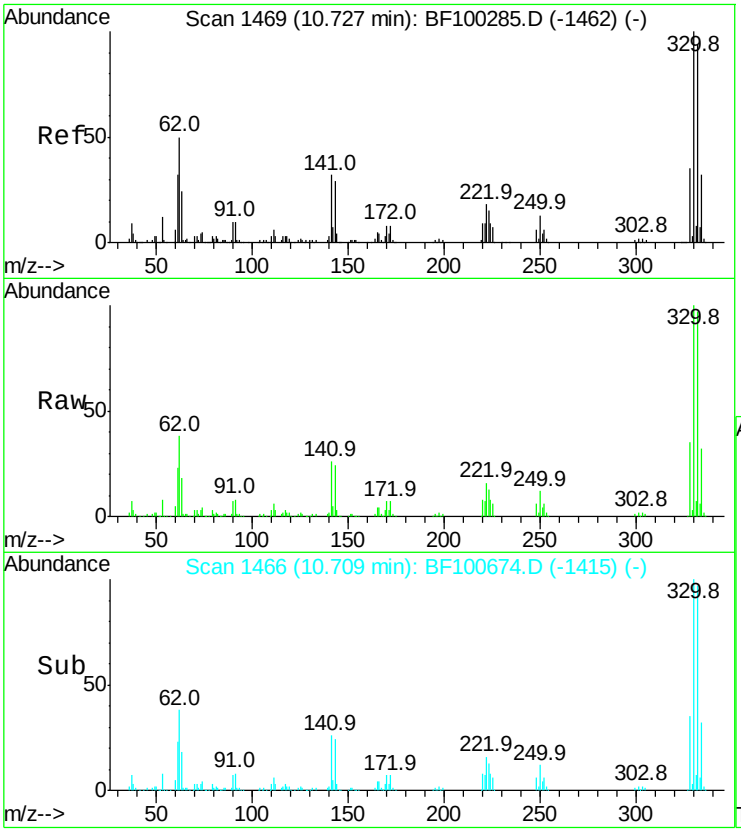


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:164 Resp: 188175

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.0	38.3	57.5



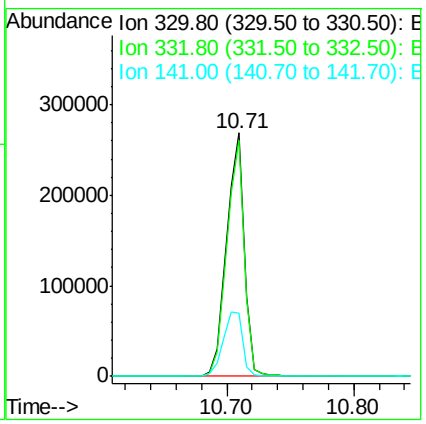


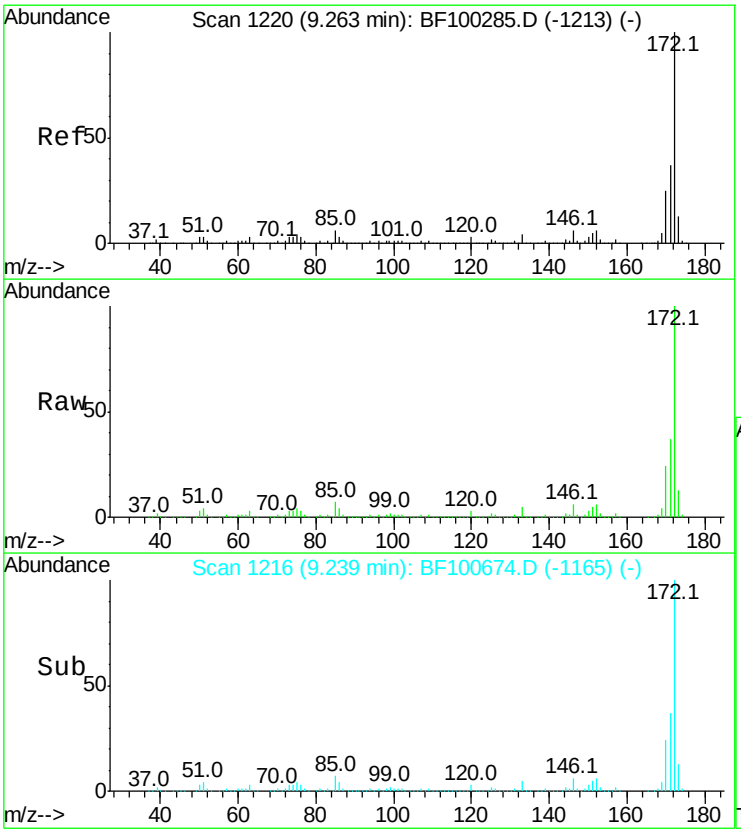
#41
2,4,6-Tribromophenol
Concen: 134.623 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 258140

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.2	29.9	44.9#

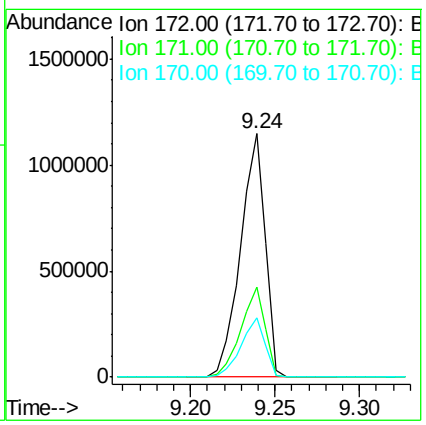


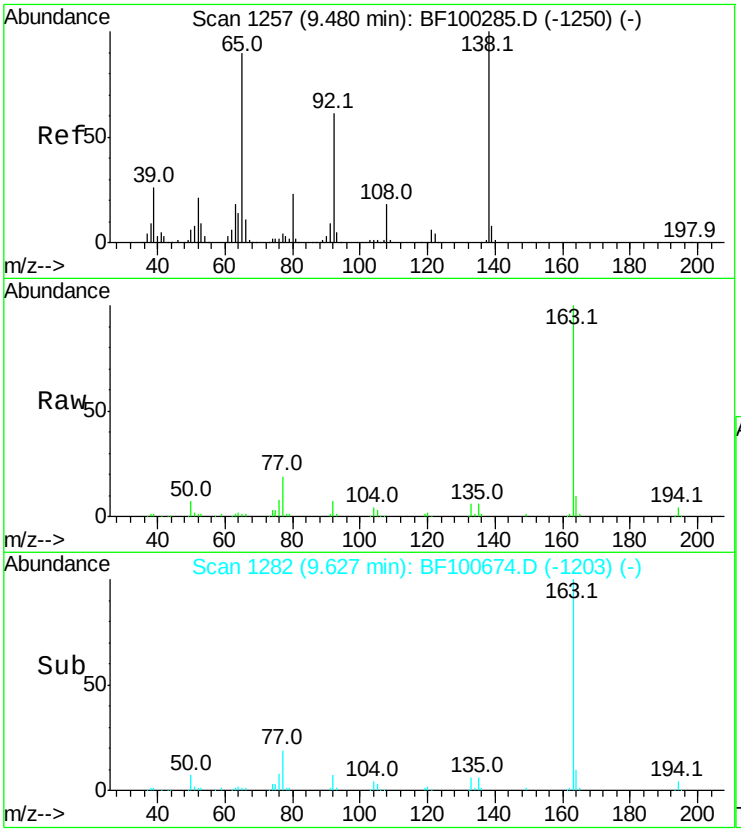


#44
2-Fluorobiphenyl
Concen: 95.397 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:172 Resp: 1178908

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4



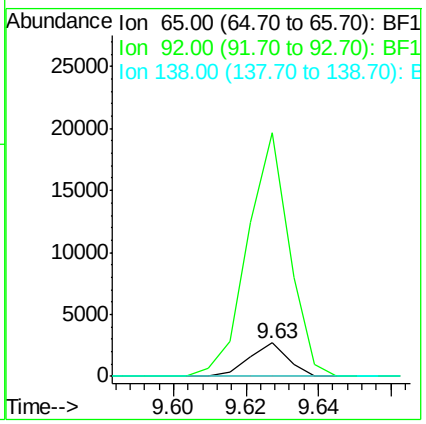


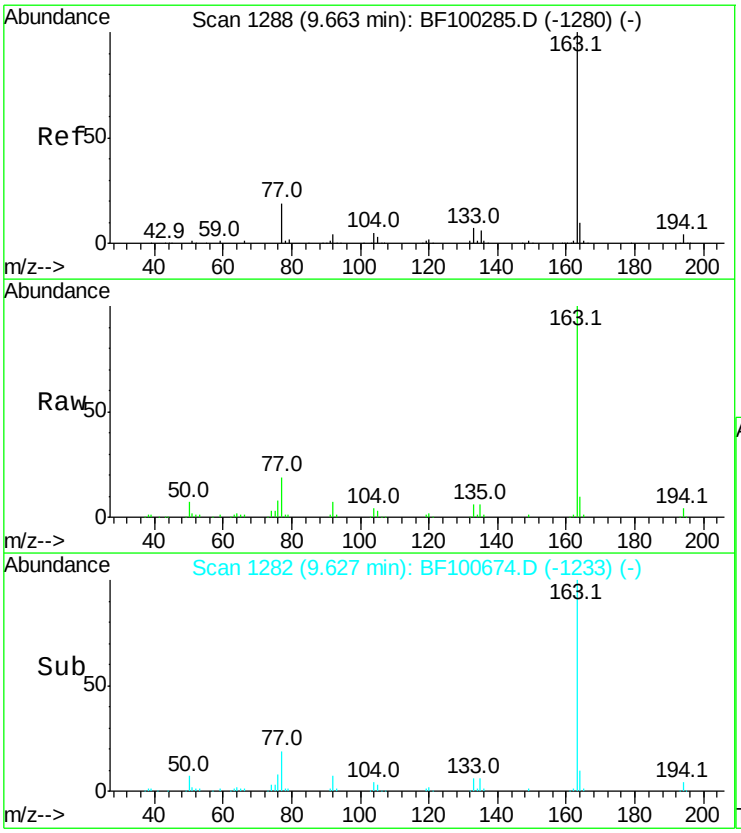
#47
2-Nitroaniline
Concen: 3.319 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1981

Ion	Ratio	Lower	Upper
65	100		
92	731.8	55.8	83.6#
138	0.0	91.2	136.8#

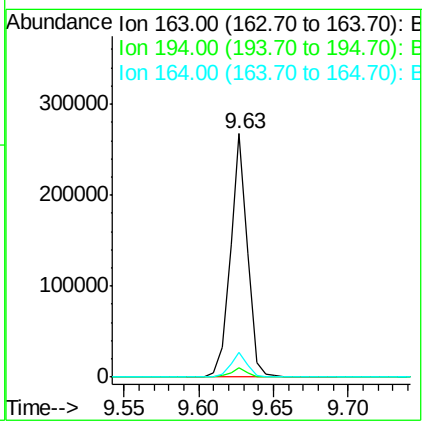


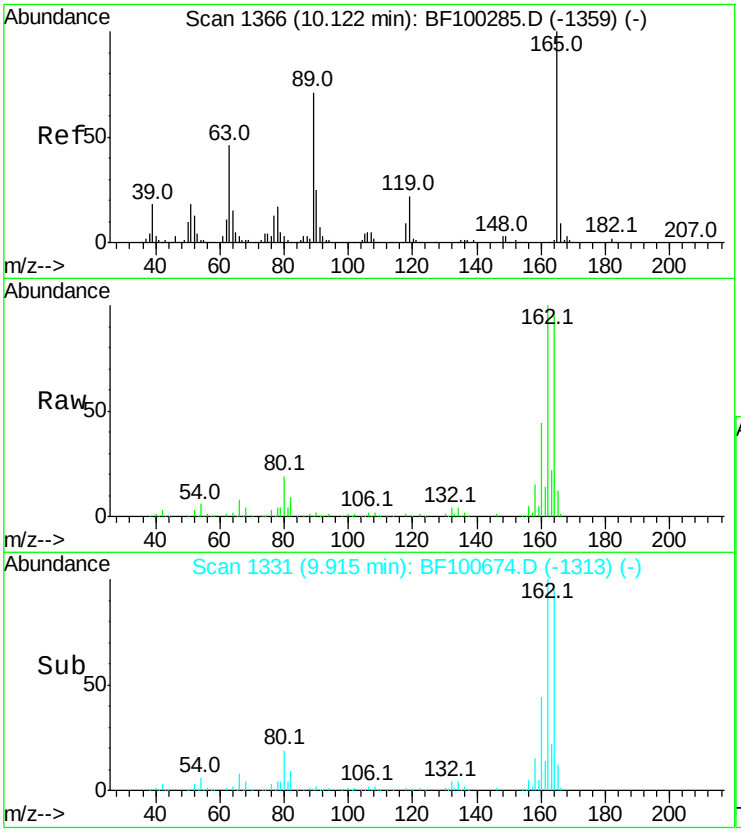


#49
Dimethylphthalate
Concen: 14.983 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:163 Resp: 215267

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2



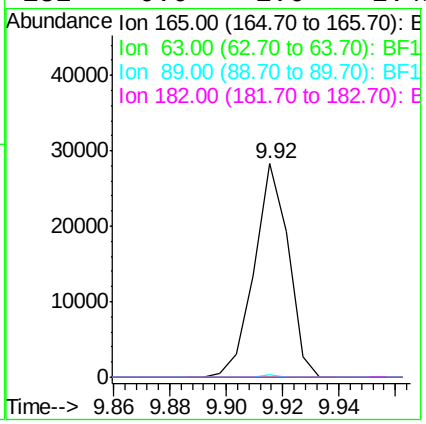


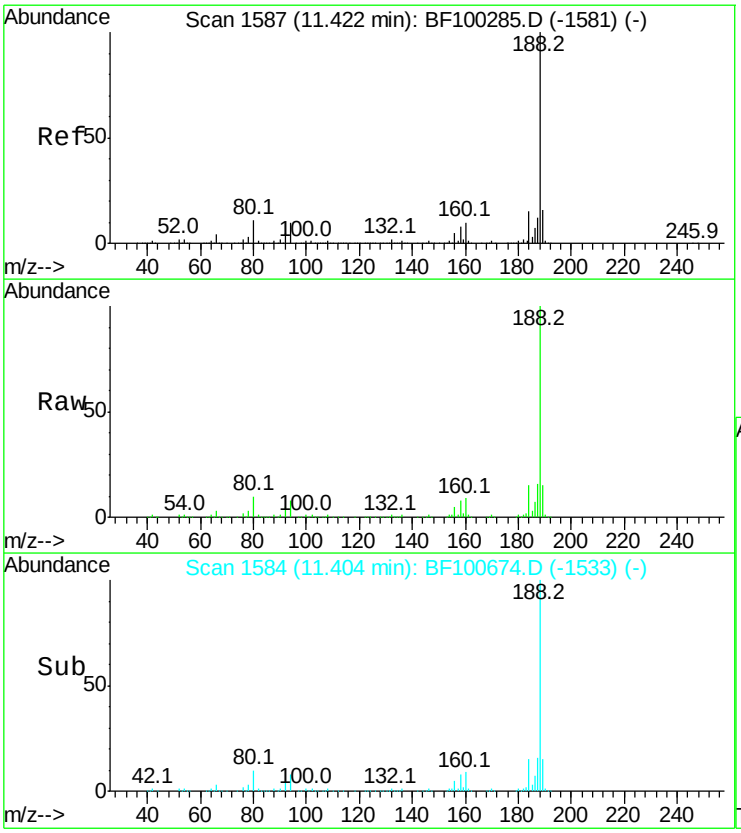
#56
2,4-Dinitrotoluene
Concen: 6.628 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23780

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

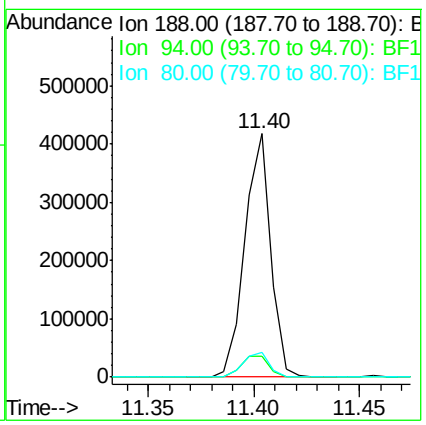


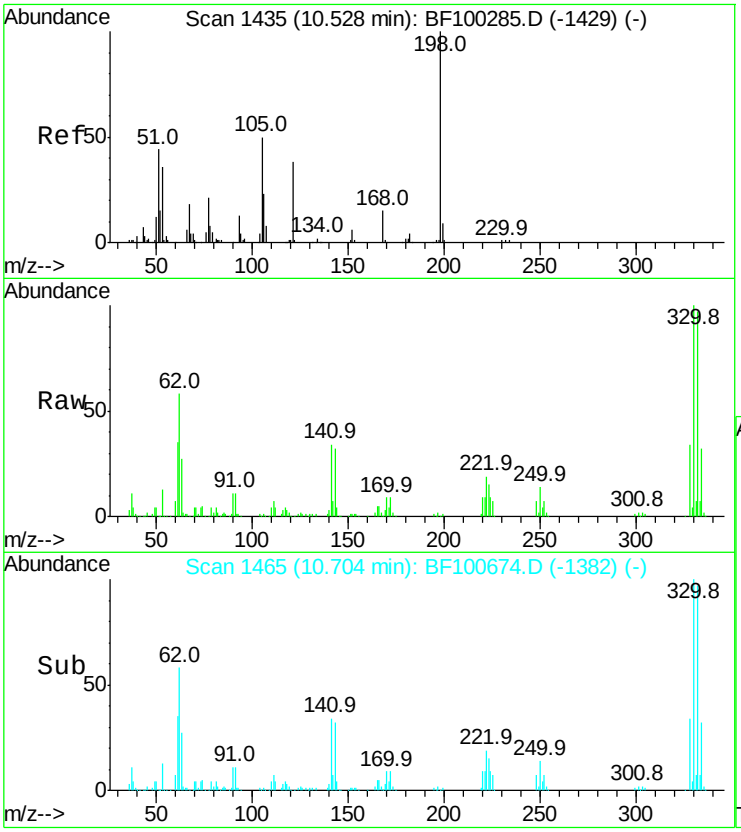


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:188 Resp: 353446

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	10.0	9.2	13.8



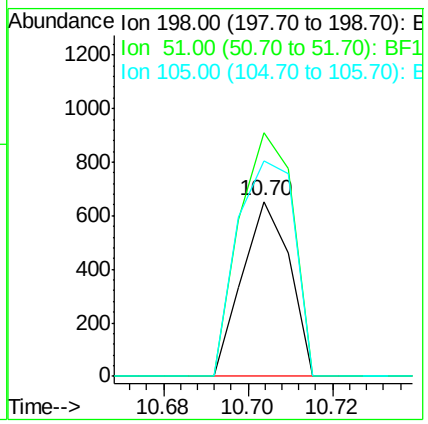


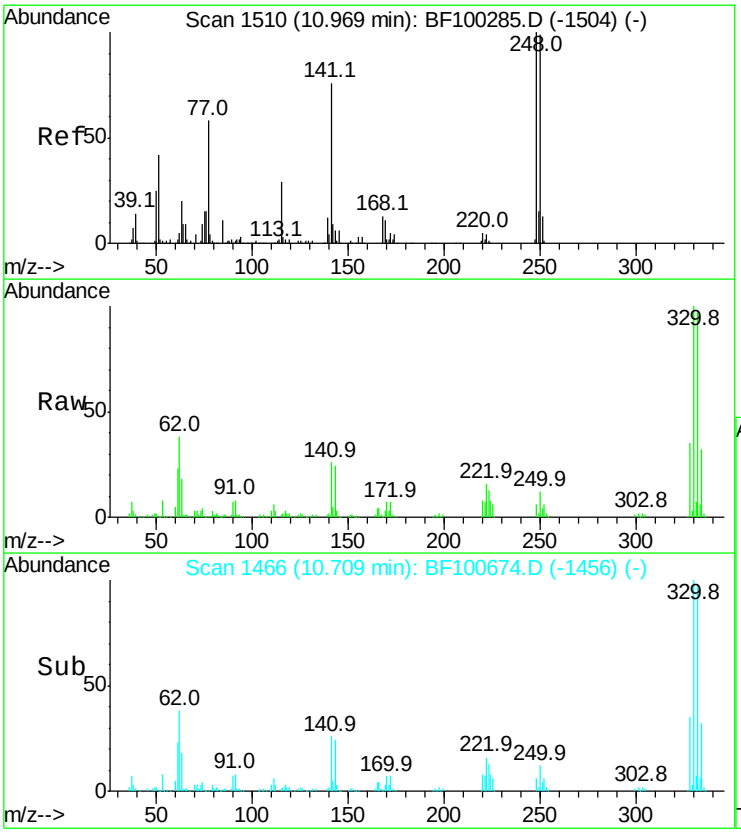
#64
4,6-Dinitro-2-methylphenol
Concen: 8.805 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 511

Ion	Ratio	Lower	Upper
198	100		
51	139.2	37.7	77.7#
105	123.4	36.3	76.3#

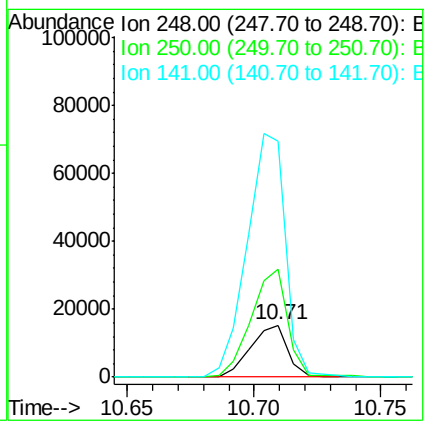


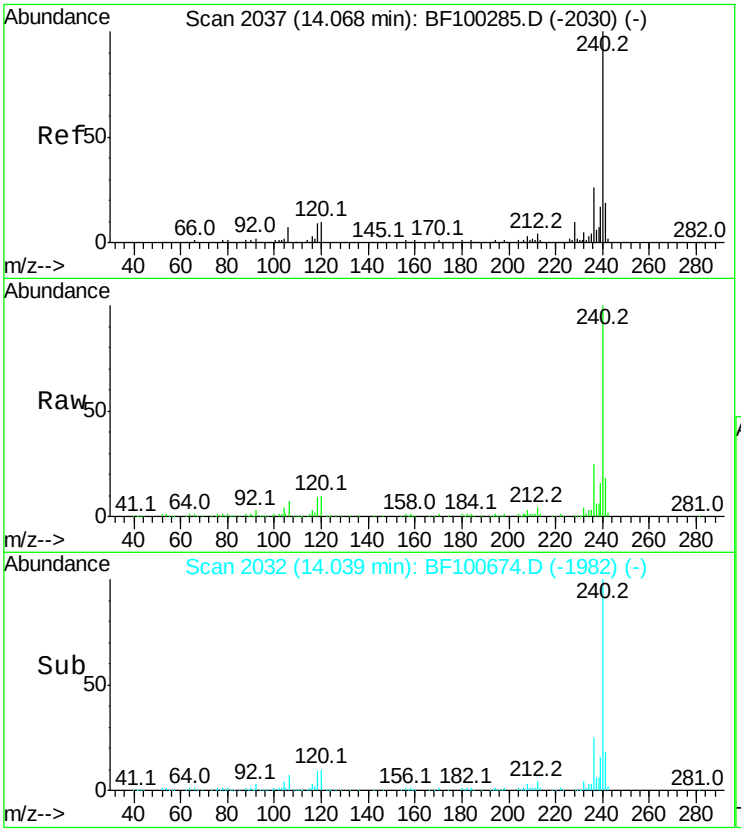


#66
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:248 Resp: 15587

Ion	Ratio	Lower	Upper
248	100		
250	208.4	76.9	115.3#
141	453.0	74.4	111.6#



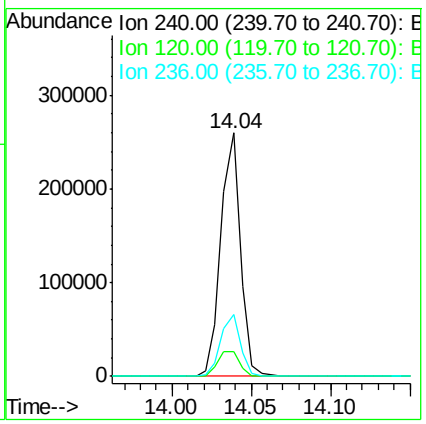


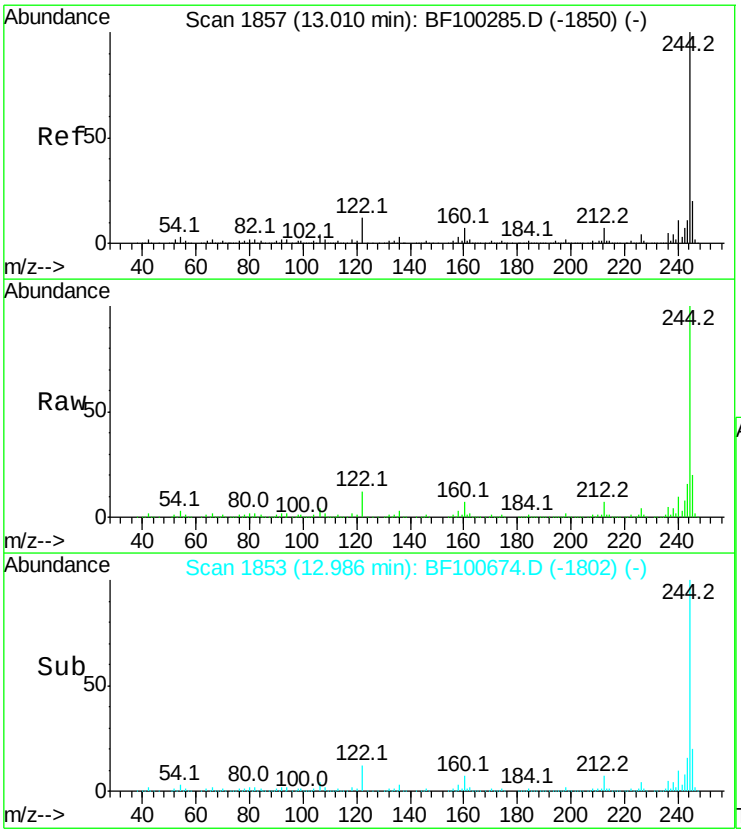
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 223470

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.4	20.7	31.1

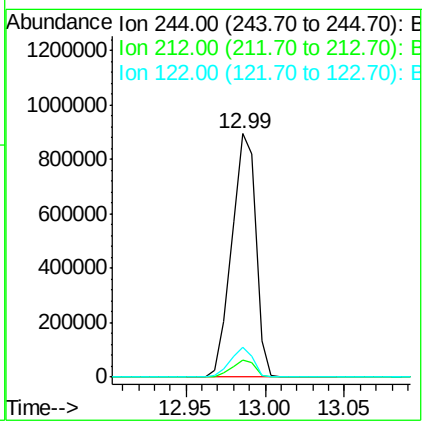


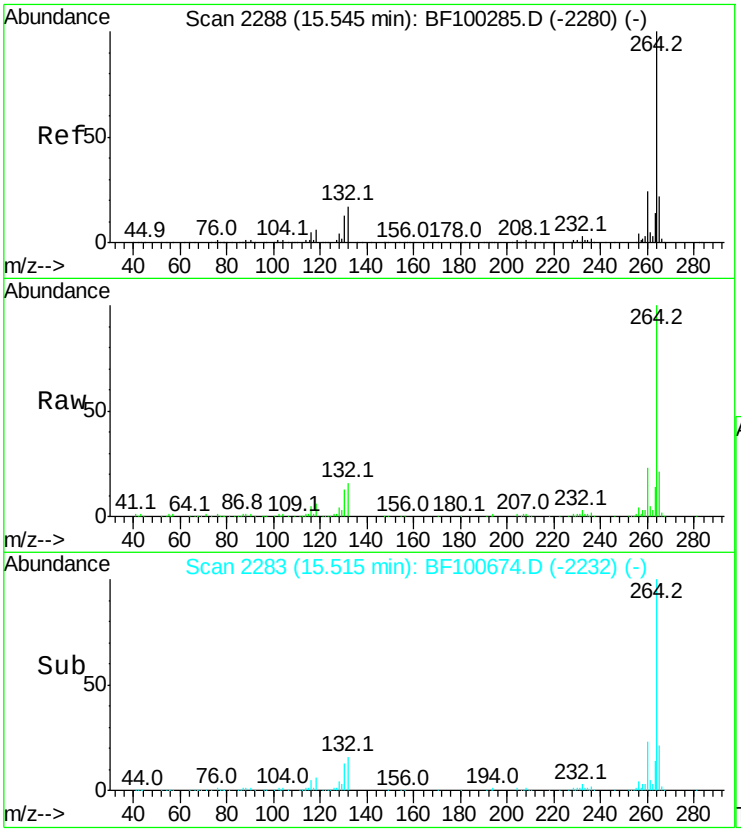


#78
Terphenyl-d14
Concen: 96.674 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Tgt Ion:244 Resp: 940229

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100674.D
Acq: 17 Nov 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 235664

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