Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100374.D
Acq On : 10 Nov 2017 7:24
Operator : SJ/JU
Sample : PB104036BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 10 07:57:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157674	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	625303	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	279651	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	475270	20.00	ng	0.00
75) Chrysene-d12	14.06	240	309700	20.00	ng	-0.01
86) Perylene-d12	15.54	264	306828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	680701	69.20	ng	0.01
7) Phenol-d6	6.52	99	835137	68.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	737716	78.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	181126	63.56	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1339488	72.94	ng	0.00
78) Terphenyl-d14	13.01	244	1022444	75.86	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	96952	11.526	ng	# 82
25) Isophorone	7.46	82	736889	37.076	ng	# 64
47) 2-Nitroaniline	9.26	65	1888	3.127	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	35295	8.351	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	35295	6.620	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	501	8.741	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11491	2.255	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100374.D
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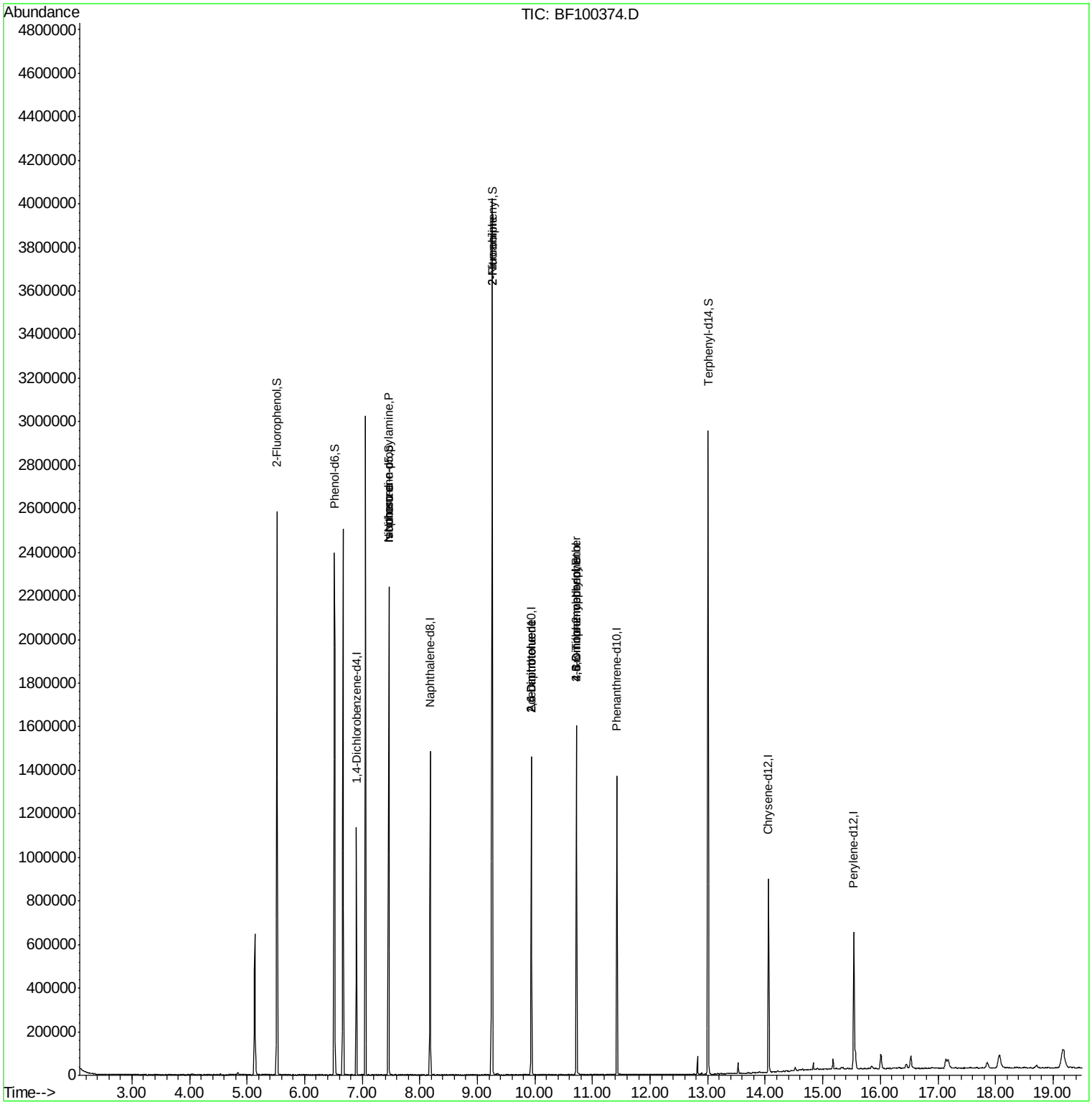
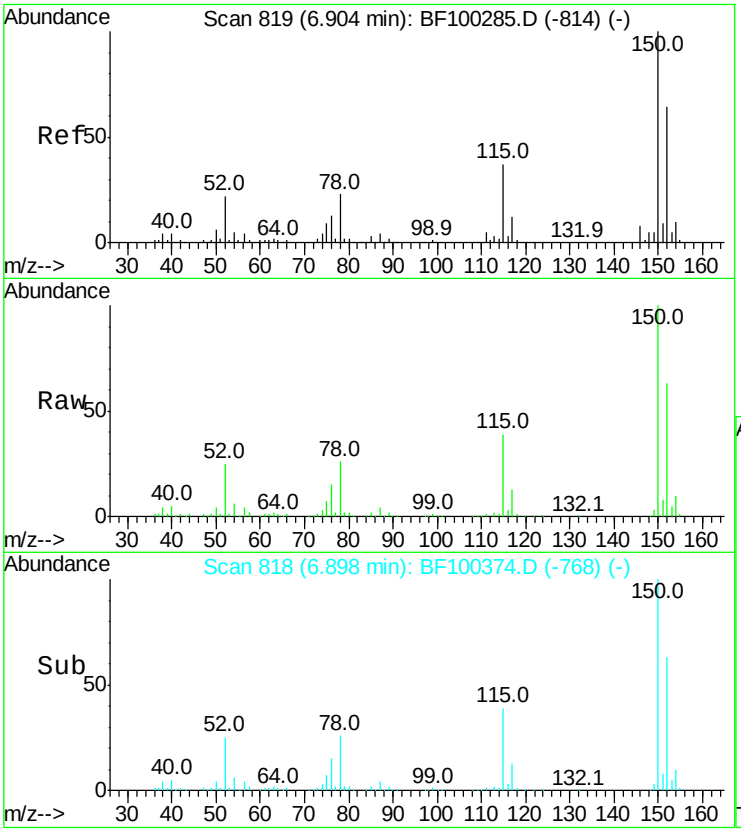


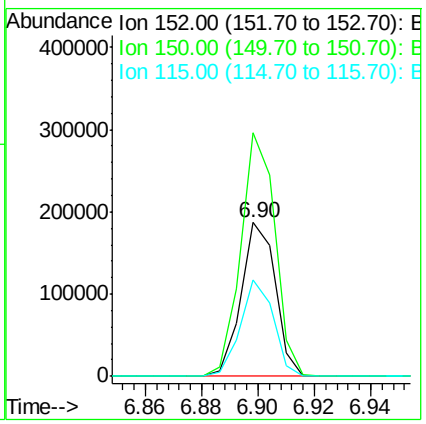


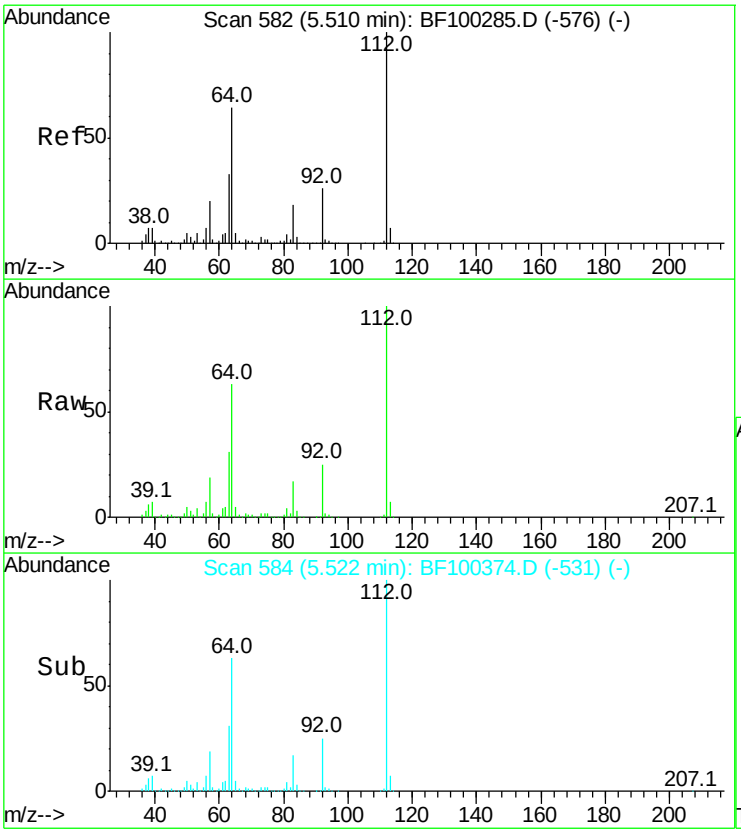
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157674

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.5	50.1	75.1

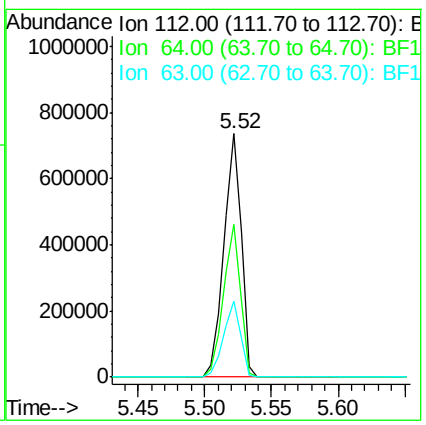


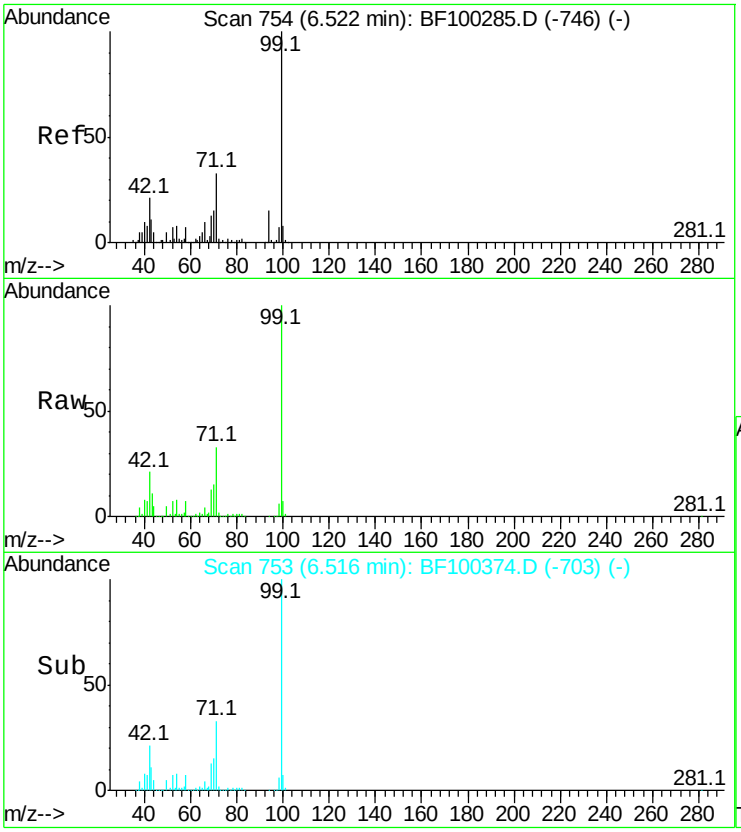


#5
2-Fluorophenol
Concen: 69.203 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:112 Resp: 680701

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.3	23.7	35.5



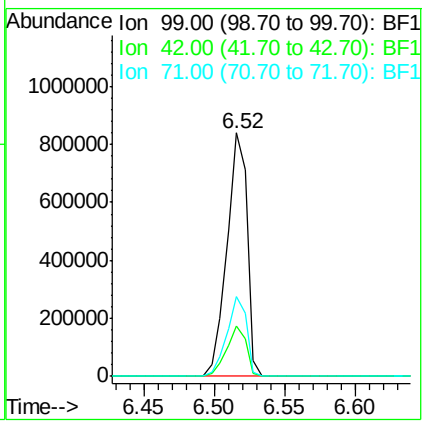


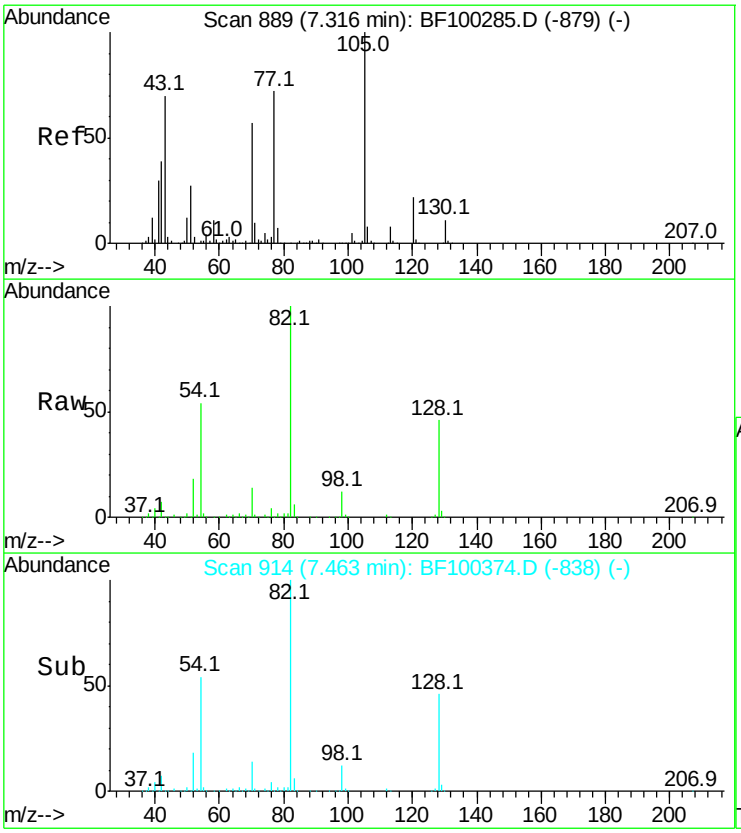
#7
Phenol-d6
Concen: 68.852 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 835137

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	33.0	25.4	38.0

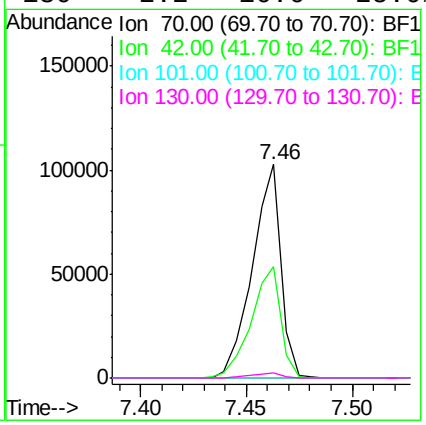


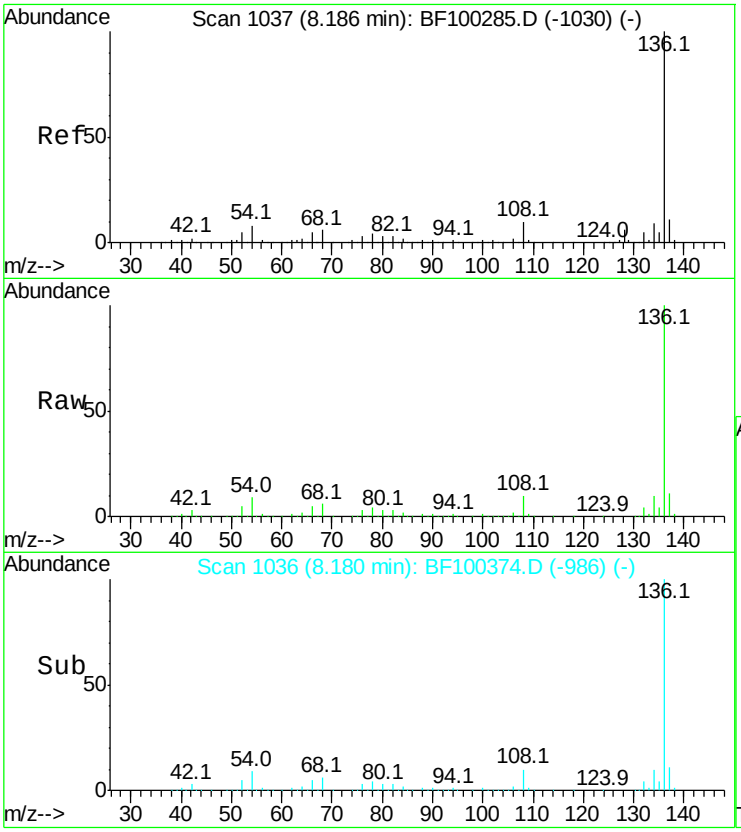


#19
n-Nitroso-di-n-propylamine
Concen: 11.526 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion: 70 Resp: 96952

Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



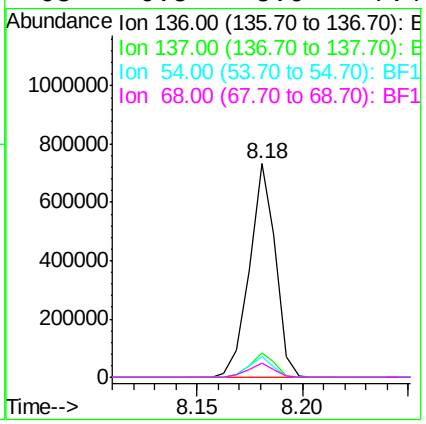


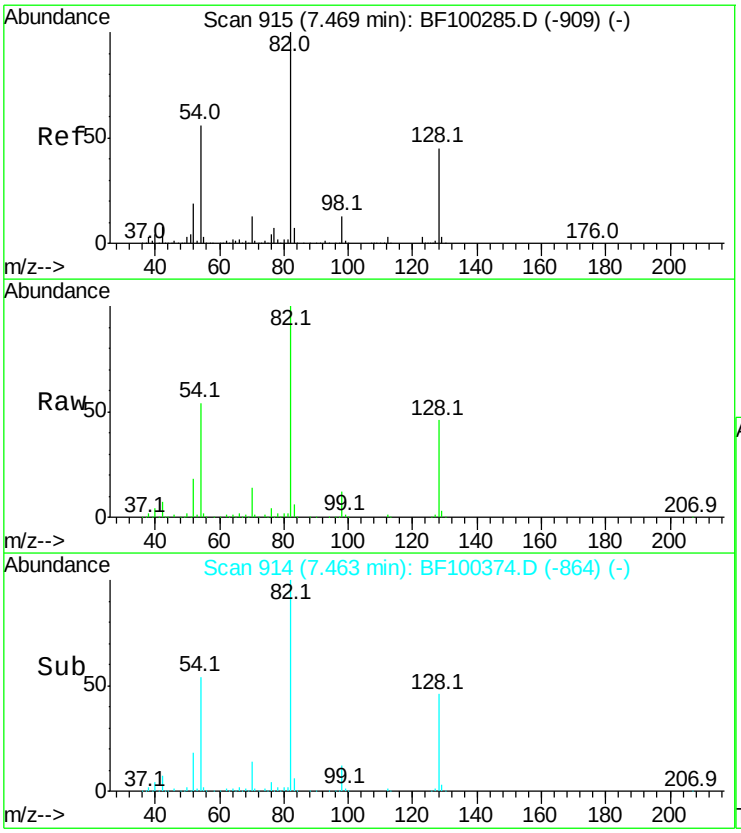
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 625303

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4

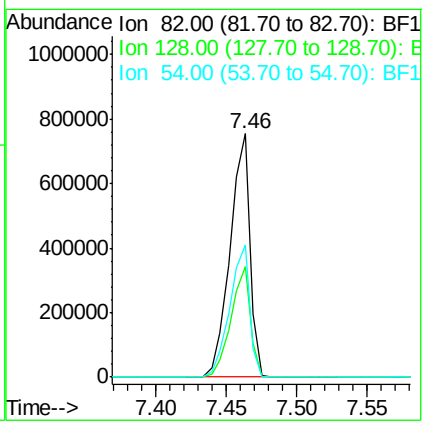


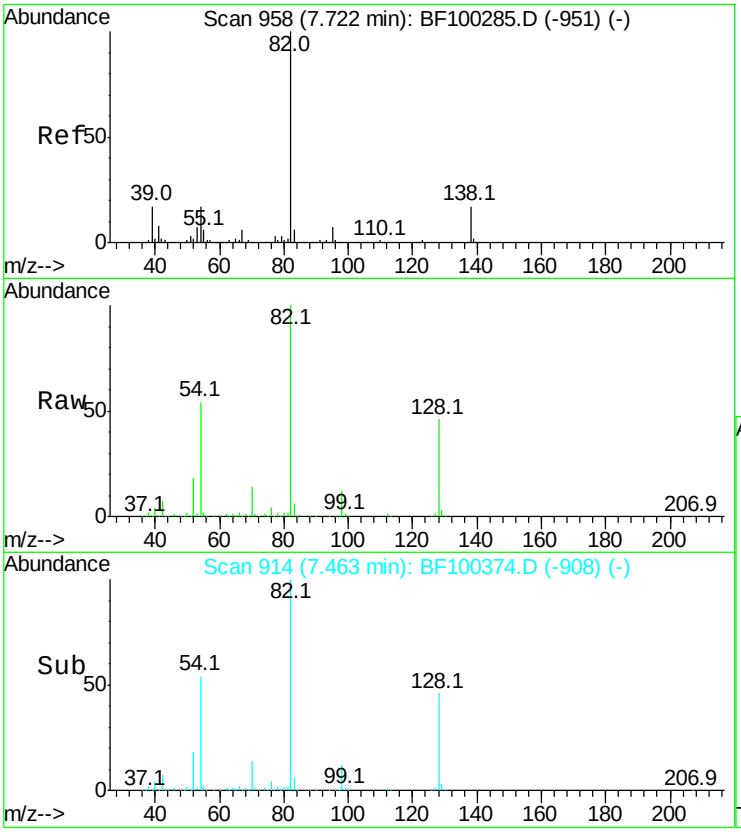


#23
Nitrobenzene-d5
Concen: 77.999 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion: 82 Resp: 737716

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	54.5	41.4	62.2

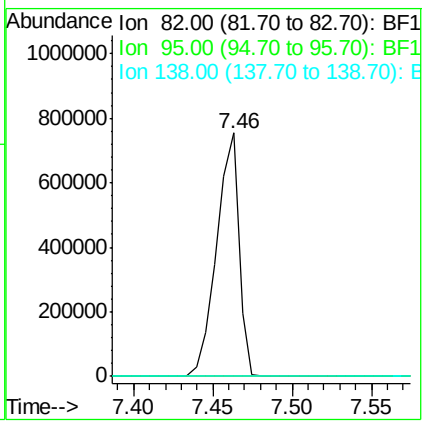




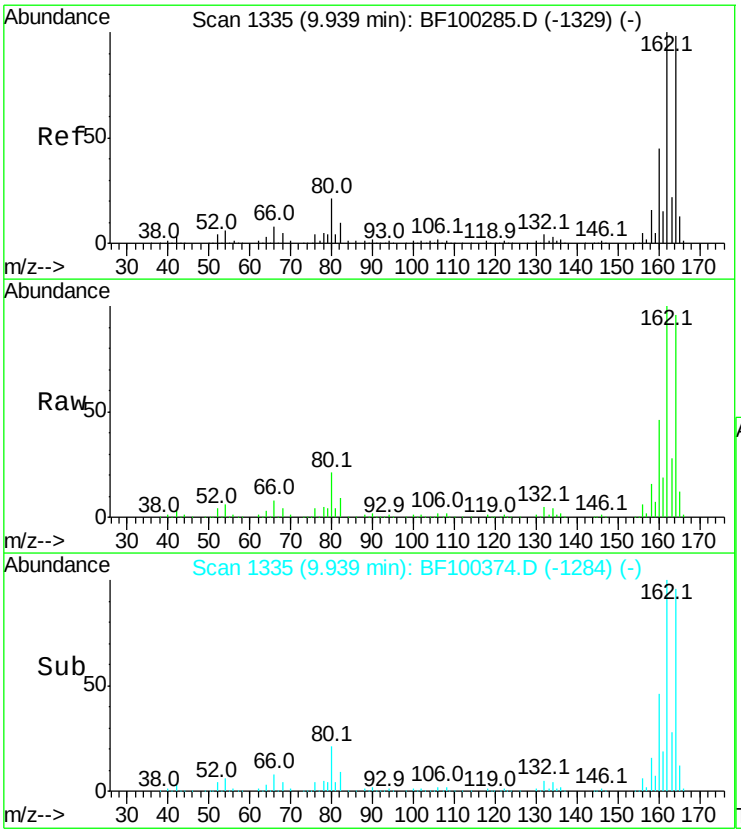
#25
Isophorone
Concen: 37.076 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion: 82 Resp: 736889

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



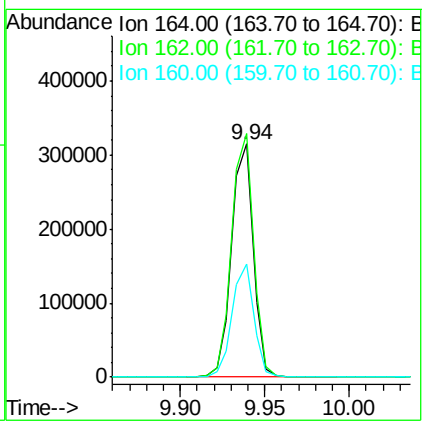
Instrument :
BNA_F
ClientSampleId :

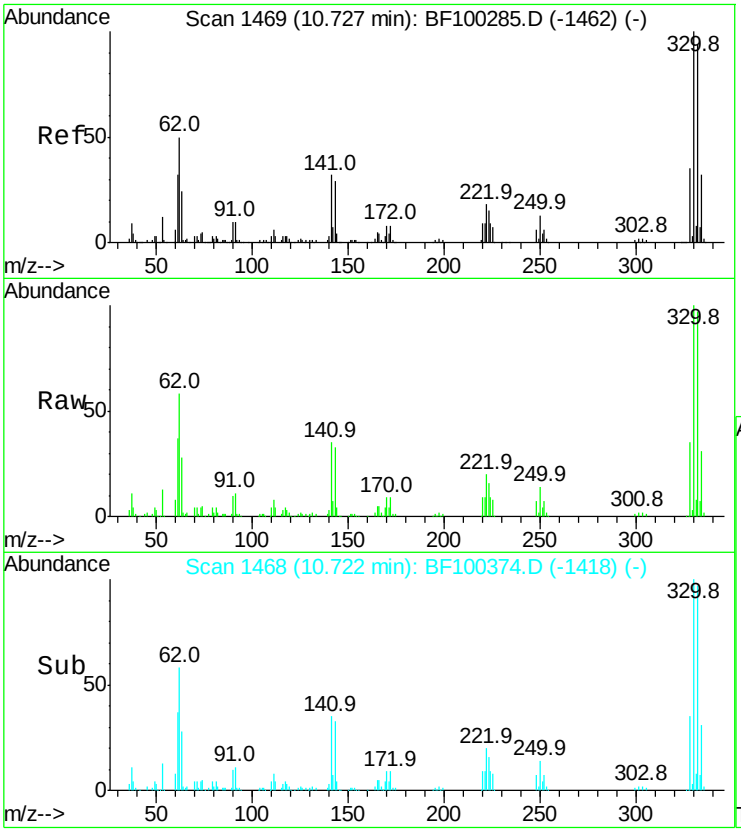


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:164 Resp: 279651

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.3	38.3	57.5



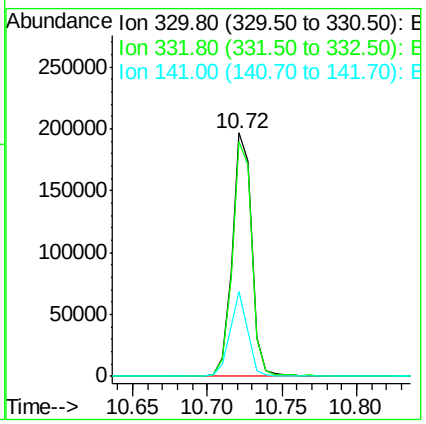


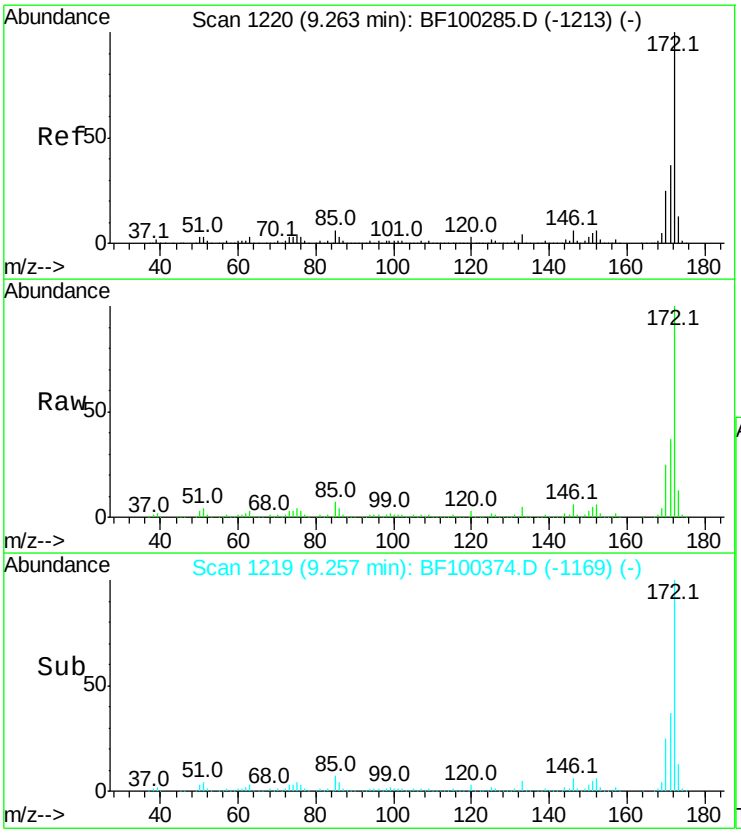
#41
2,4,6-Tribromophenol
Concen: 63.561 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 181126

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.7	29.9	44.9

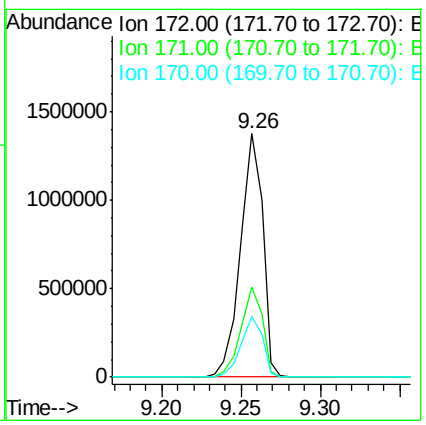


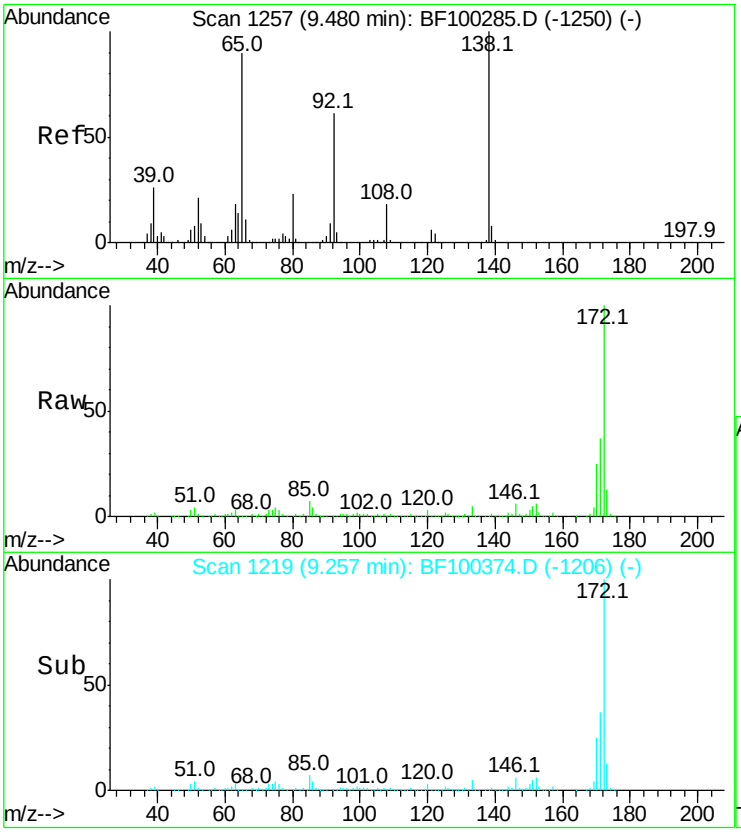


#44
2-Fluorobiphenyl
Concen: 72.936 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:172 Resp: 1339488

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



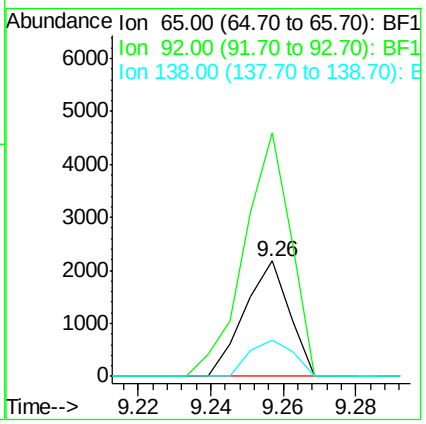


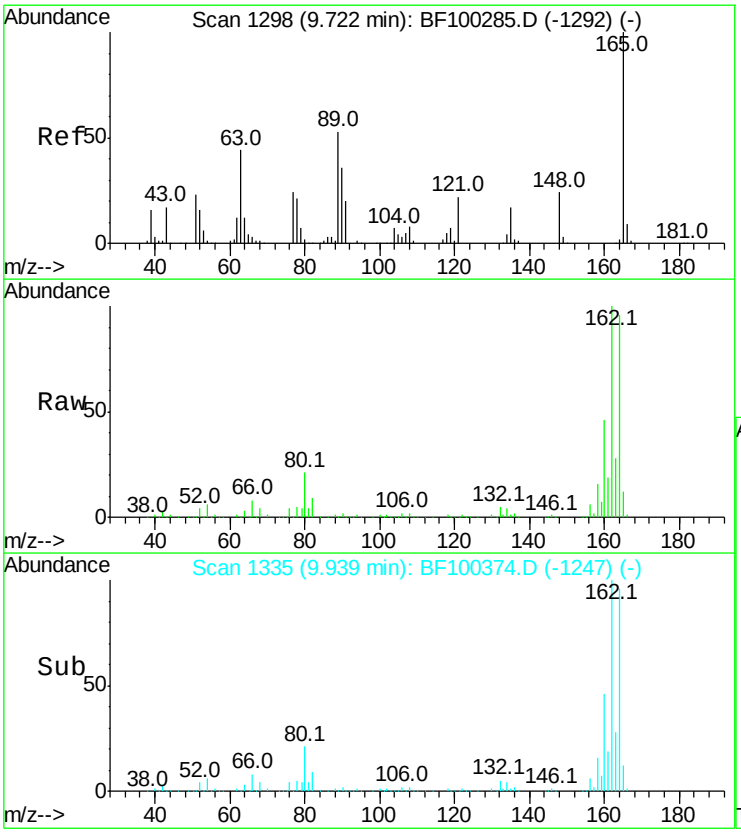
#47
2-Nitroaniline
Concen: 3.127 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1888

Ion	Ratio	Lower	Upper
65	100		
92	211.2	55.8	83.6#
138	32.0	91.2	136.8#

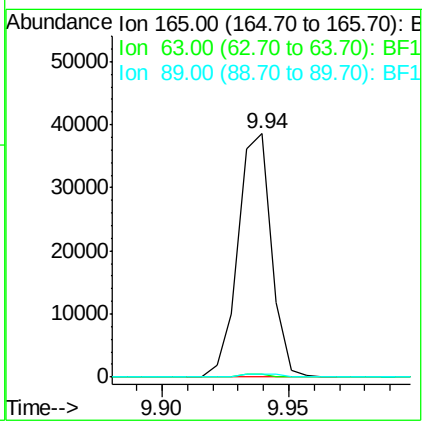


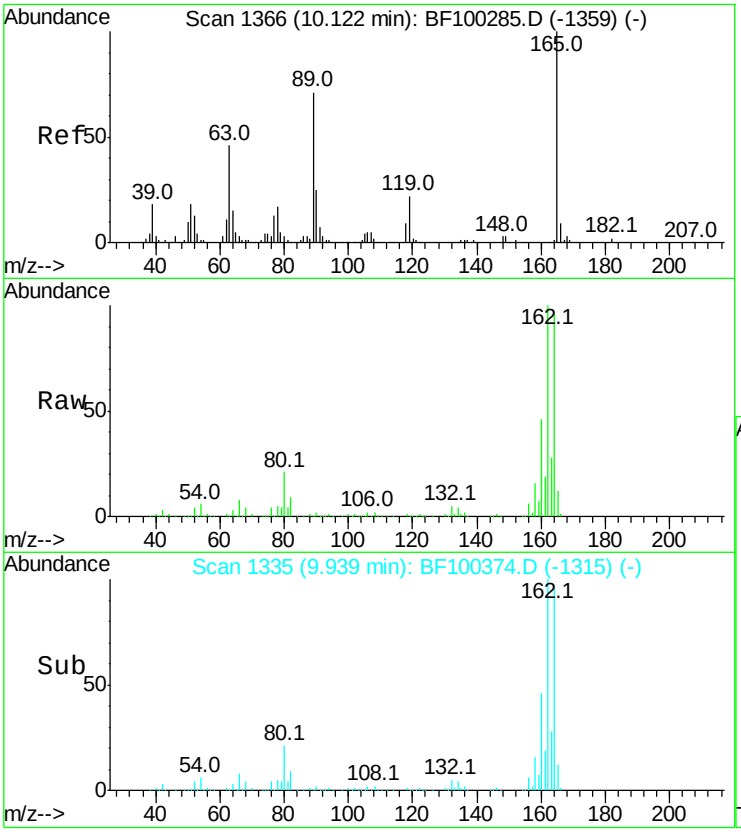


#50
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:165 Resp: 35295

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



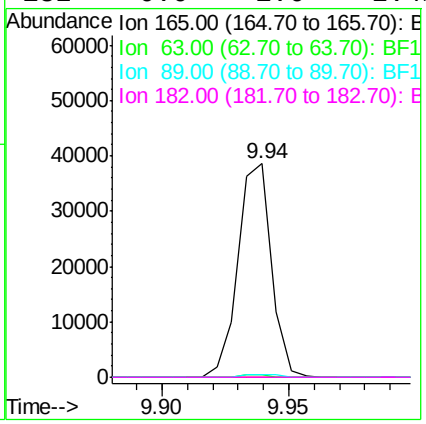


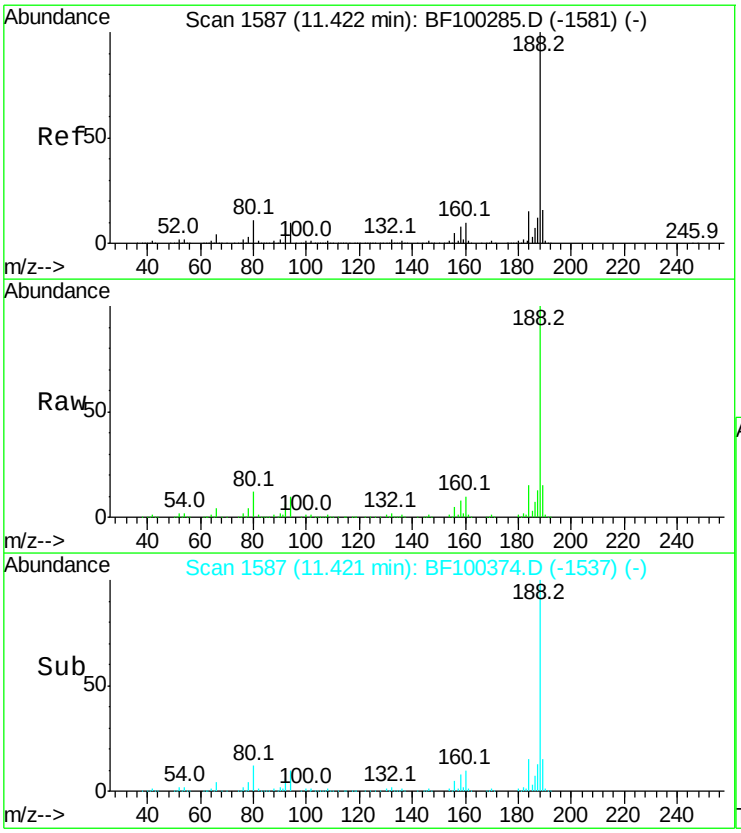
#56
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35295

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

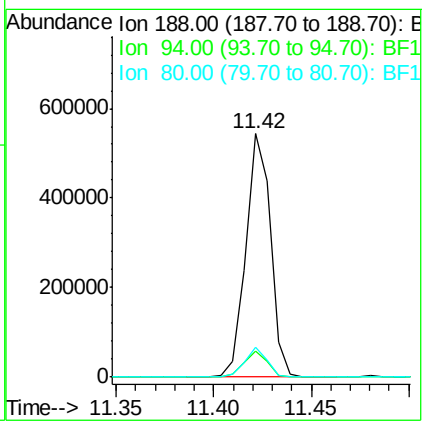


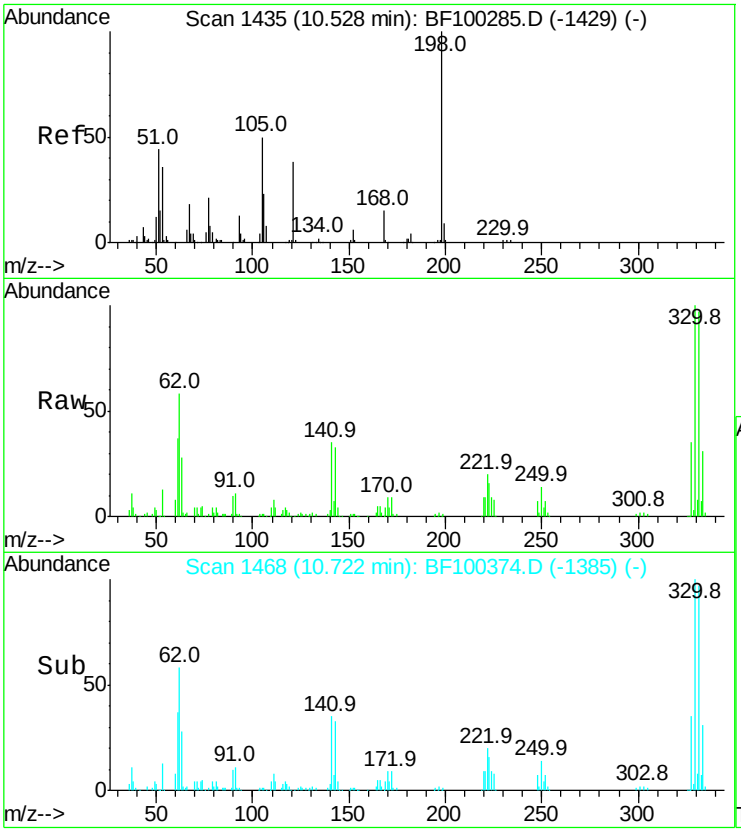


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:188 Resp: 475270

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.1	9.2	13.8



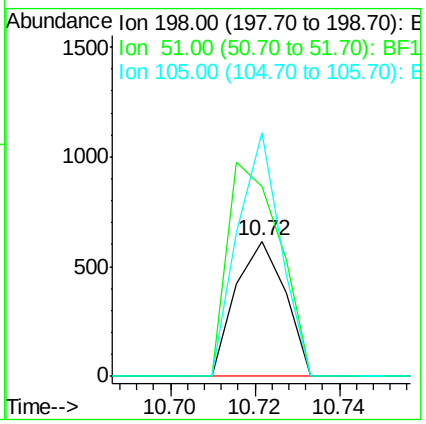


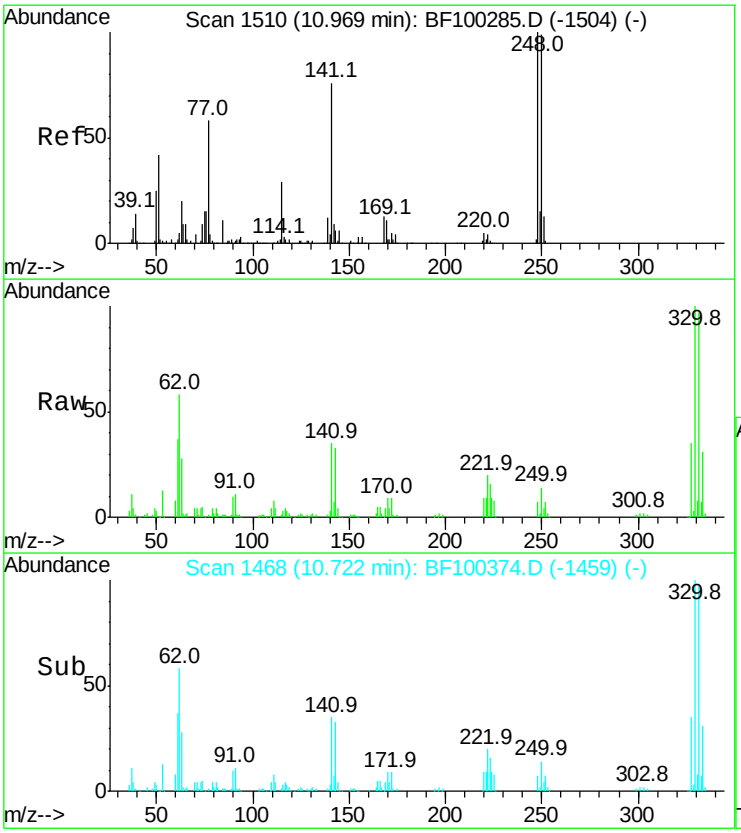
#64
4,6-Dinitro-2-methylphenol
Concen: 8.741 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 501

Ion	Ratio	Lower	Upper
198	100		
51	140.8	37.7	77.7#
105	180.3	36.3	76.3#

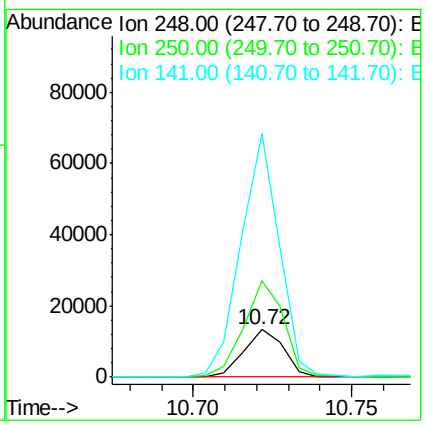


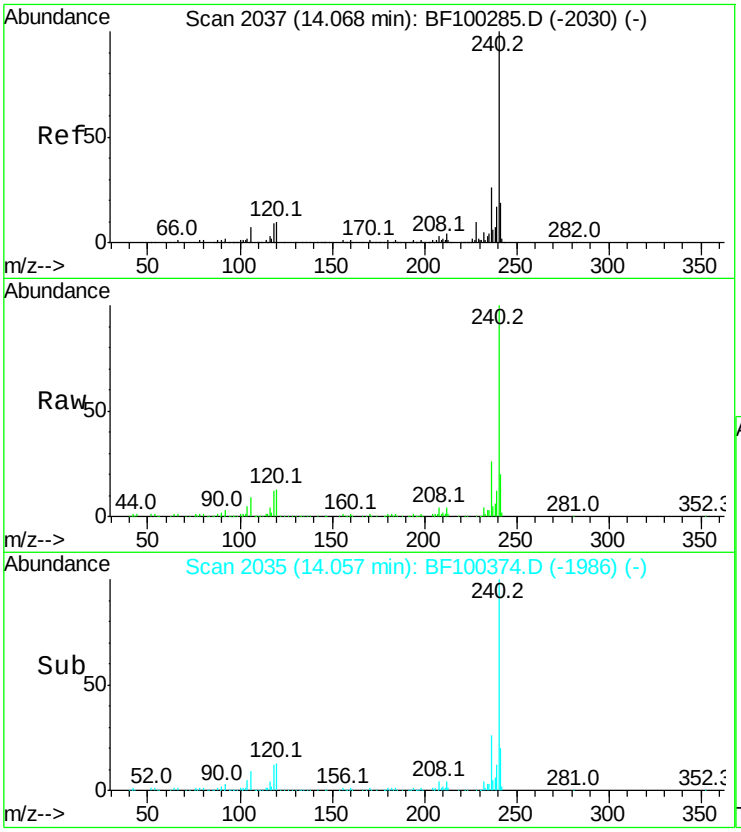


#66
4-Bromophenyl-phenylether
Concen: 2.255 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:248 Resp: 11491

Ion	Ratio	Lower	Upper
248	100		
250	203.1	76.9	115.3#
141	512.8	74.4	111.6#



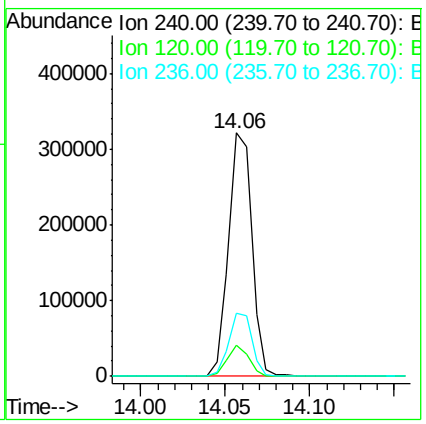


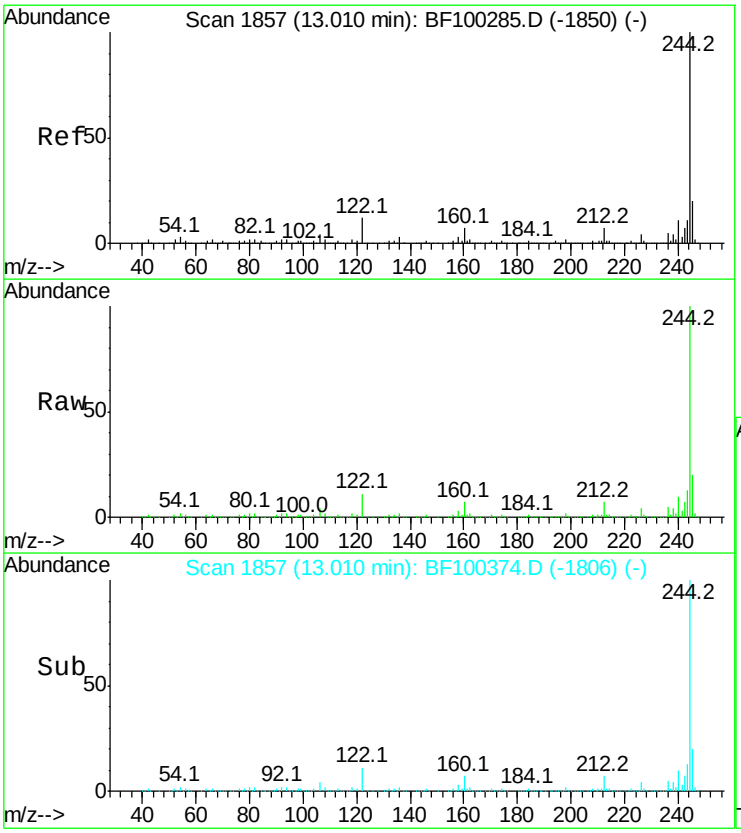
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 309700

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.9	20.7	31.1

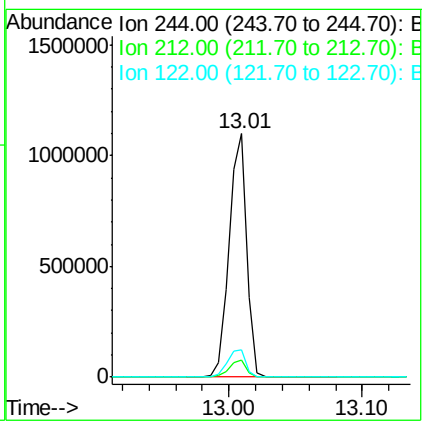


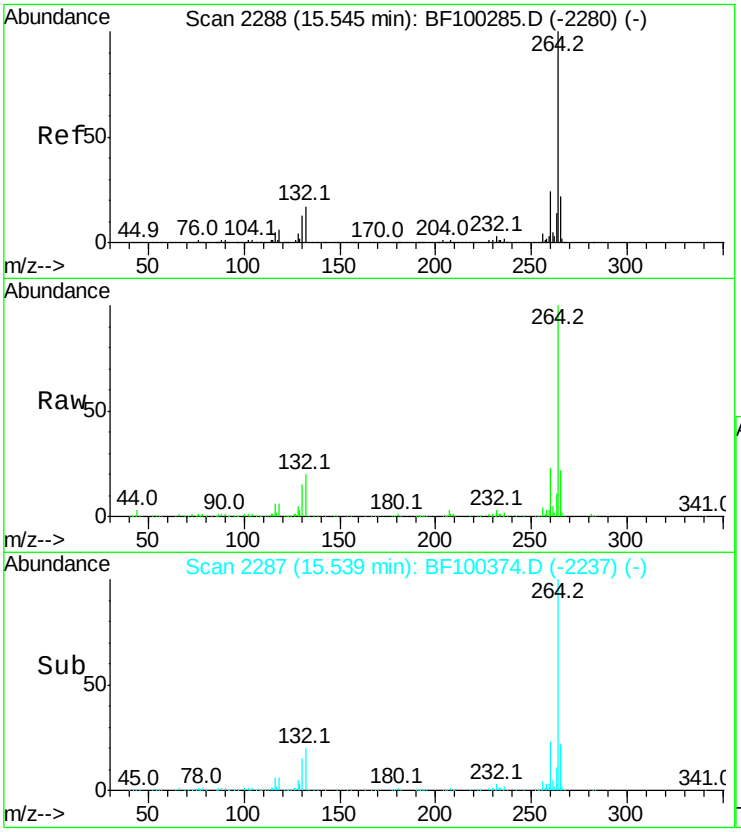


#78
Terphenyl-d14
Concen: 75.857 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100374.D
Acq: 10 Nov 2017 7:24

Tgt Ion:244 Resp: 1022444

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	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: BF100374.D
Acq: 10 Nov 2017 7:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 306828

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3