Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100530.D
Acq On : 14 Nov 2017 7:40
Operator : SJ/JU
Sample : I6449-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 14 10:28:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131654	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	484622	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	196733	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	299134	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	253202	20.00	ng	-0.02
86) Perylene-d12	15.53	264	187654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1021402	124.36	ng	0.02
7) Phenol-d6	6.52	99	1128595	111.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	832181	113.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	269375	134.37	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1406119	108.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1022120	92.75	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	110569	15.742	ng	# 82
25) Isophorone	7.46	82	832173	54.024	ng	# 64
31) Naphthalene	8.19	128	50845	2.178	ng	98
32) Benzoic acid	7.86	122	521	9.450	ng	# 82
47) 2-Nitroaniline	9.25	65	2113	3.330	ng	# 18
50) 2,6-Dinitrotoluene	9.93	165	25182	8.469	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	25182	6.714	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	609	8.901	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	17035	5.312	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\BF111317\
Data File : BF100530.D
Acq On : 14 Nov 2017 7:40
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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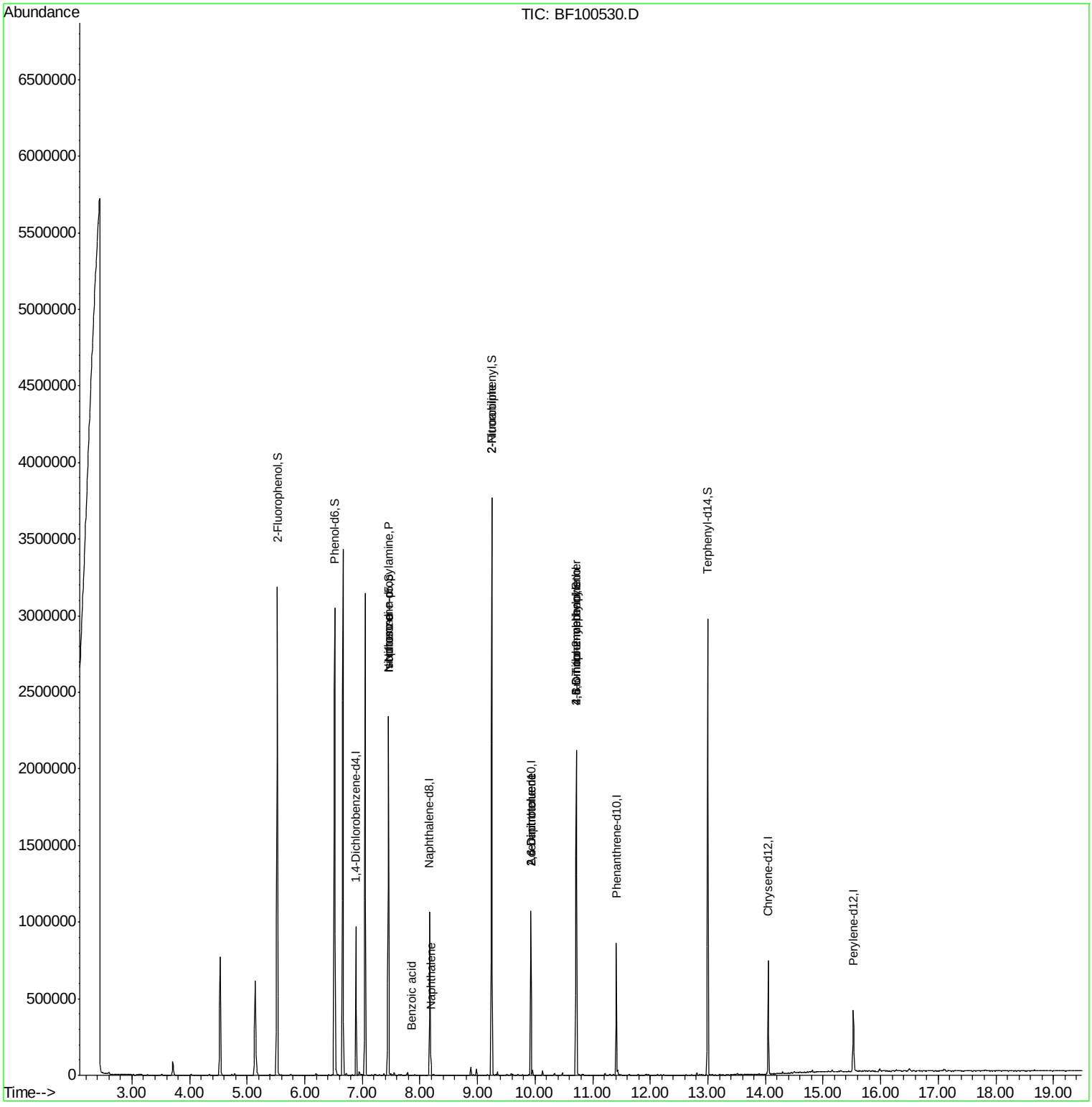
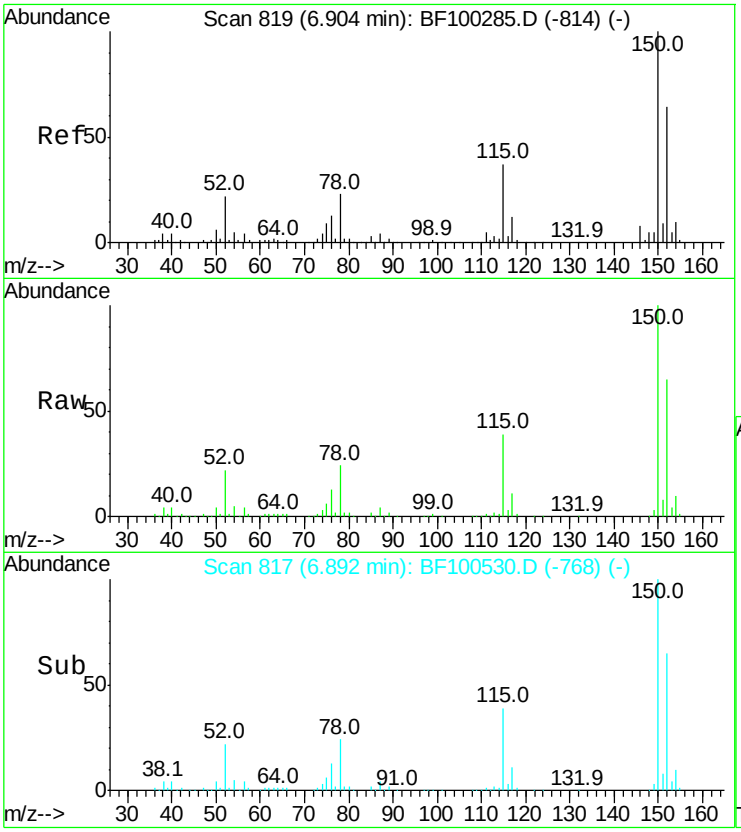


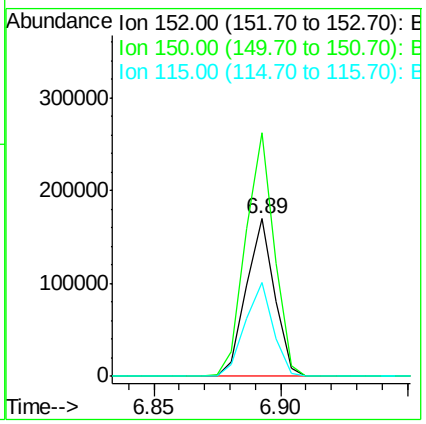


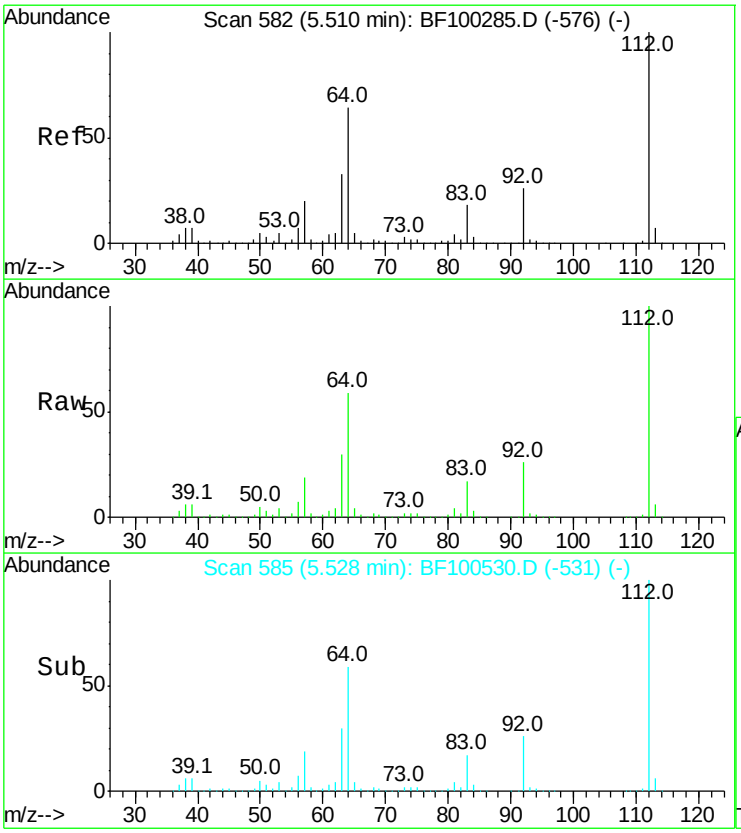
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131654

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.6	50.1	75.1

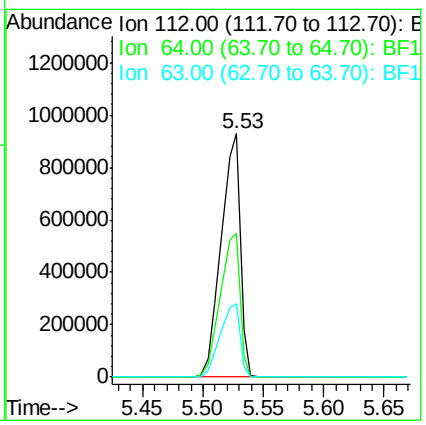


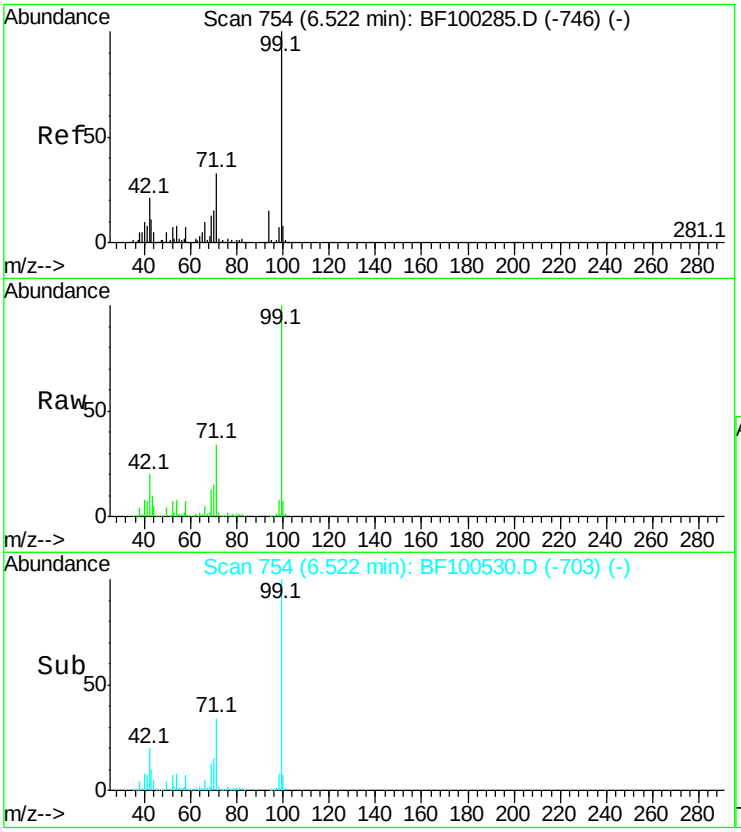


#5
2-Fluorophenol
Concen: 124.363 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:112 Resp: 1021402

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	30.4	23.7	35.5



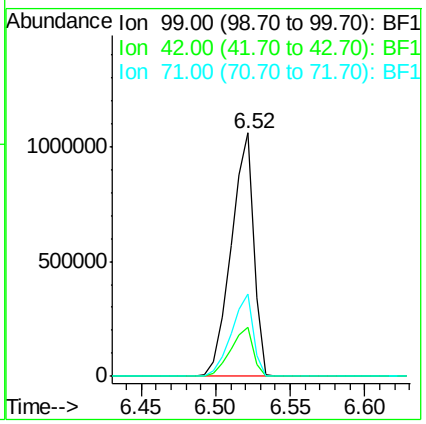


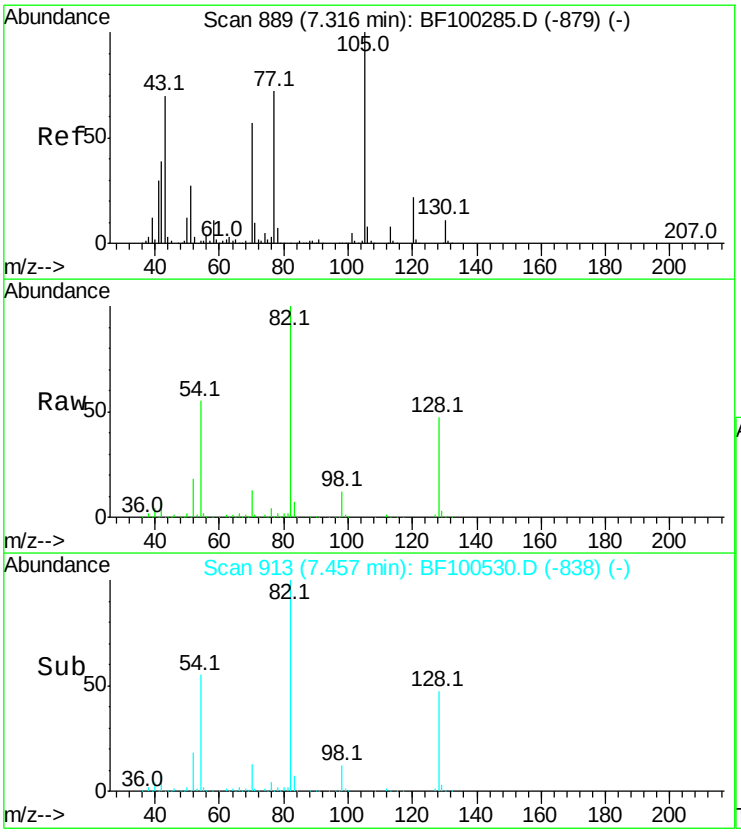
#7
Phenol-d6
Concen: 111.436 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1128595

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	33.6	25.4	38.0

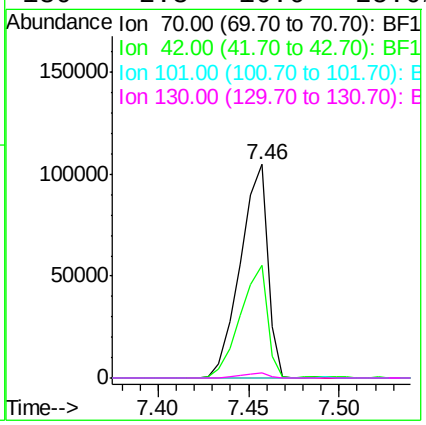


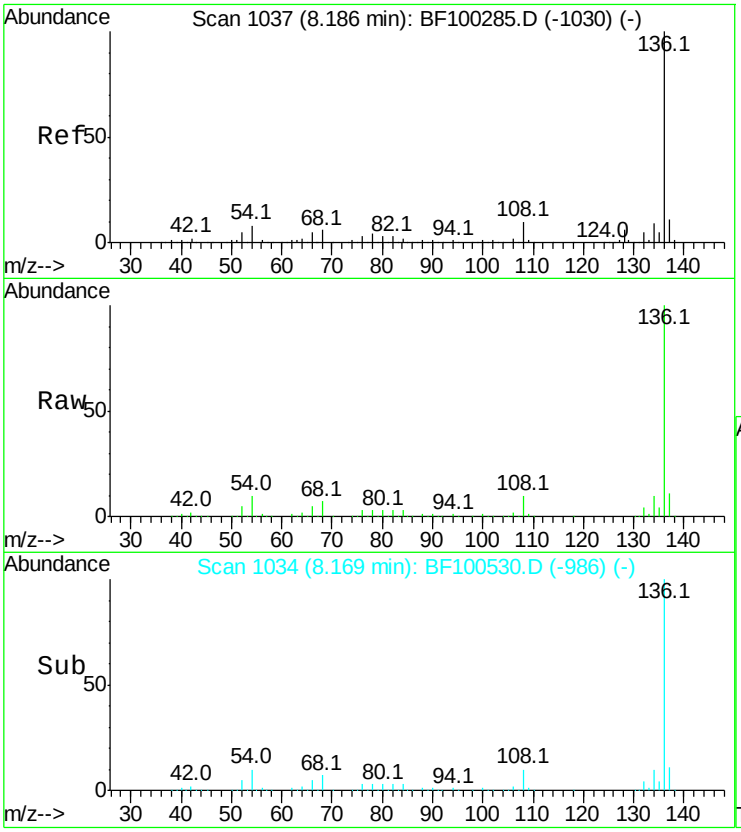


#19
n-Nitroso-di-n-propylamine
Concen: 15.742 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion: 70 Resp: 110569

Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



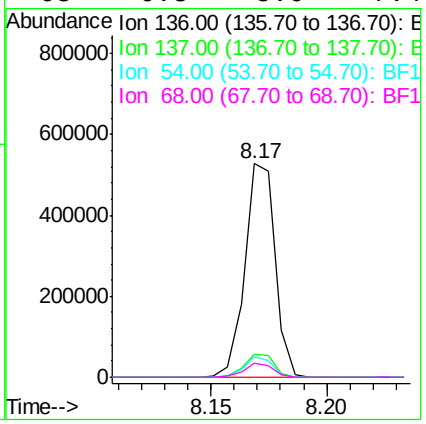


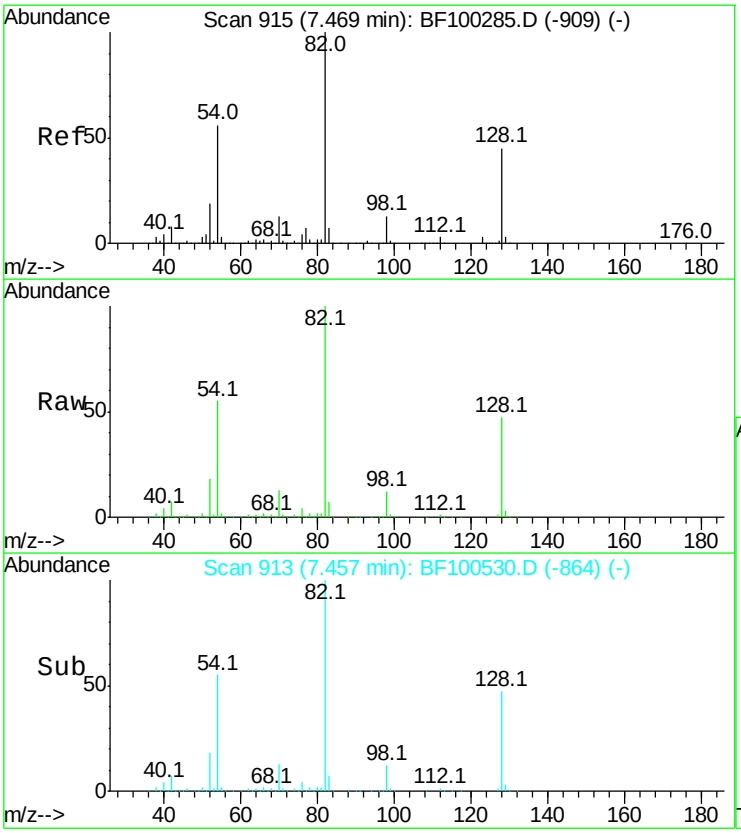
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 484622

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4

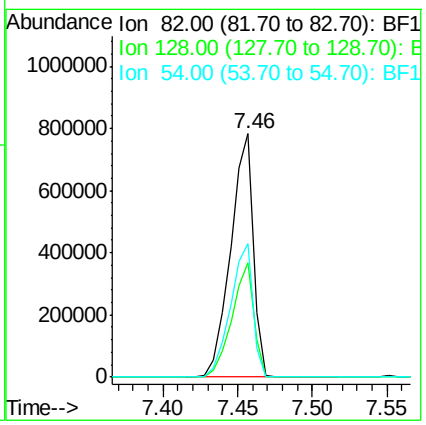


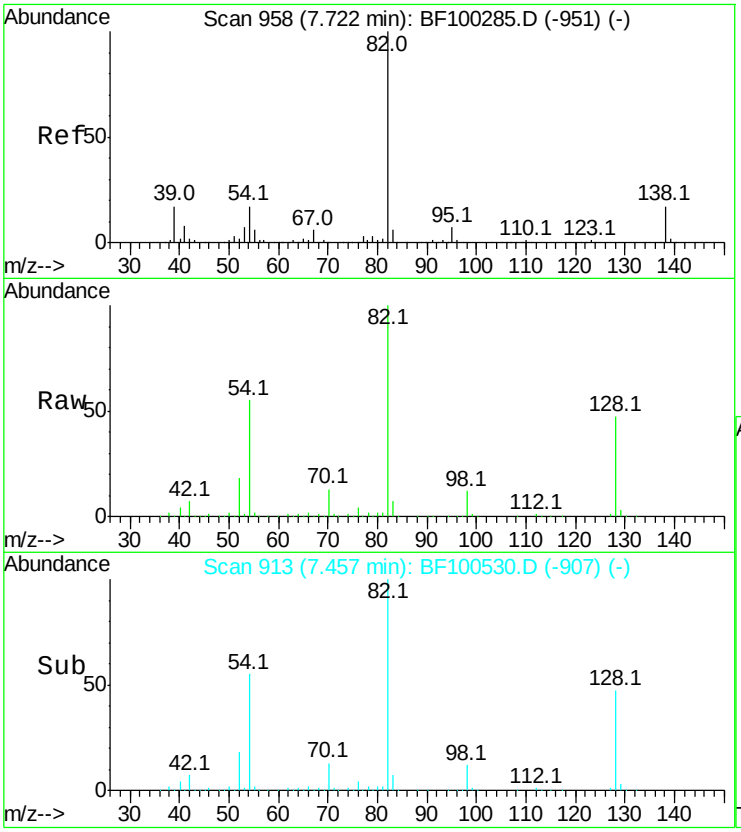


#23
Nitrobenzene-d5
Concen: 113.528 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion: 82 Resp: 832181

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	54.8	41.4	62.2



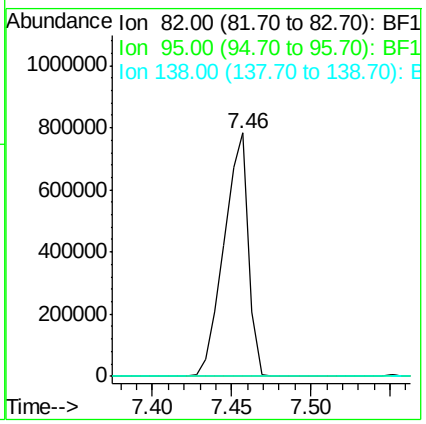


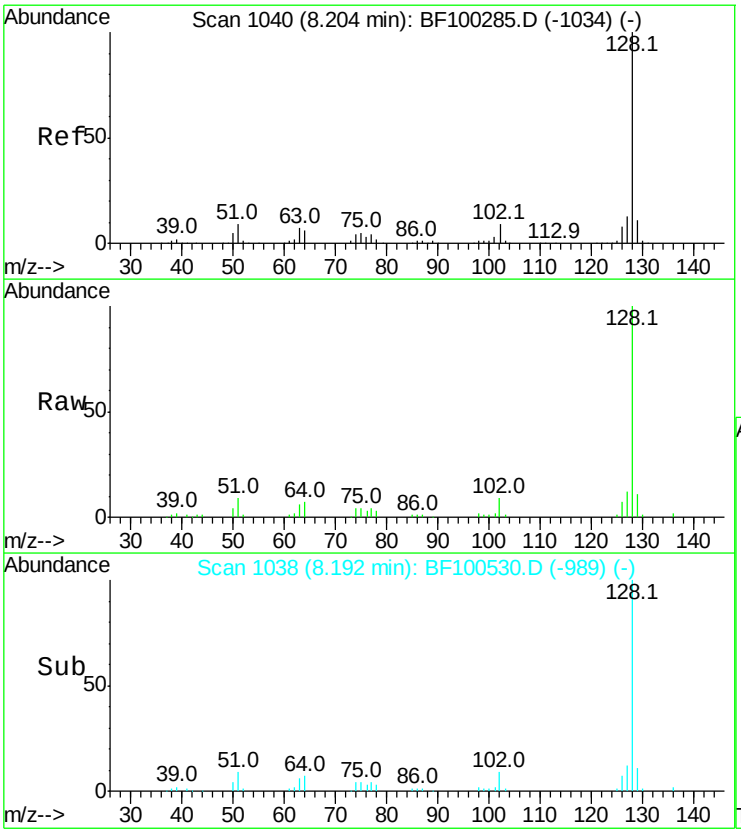
#25
Isophorone
Concen: 54.024 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 832173

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

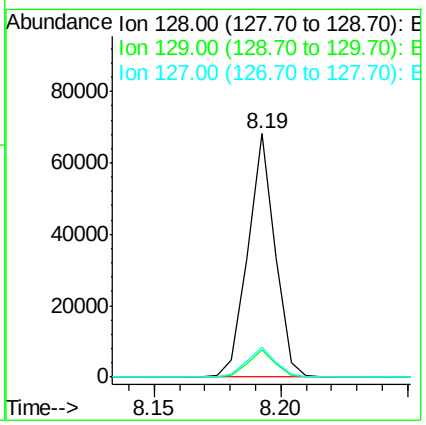


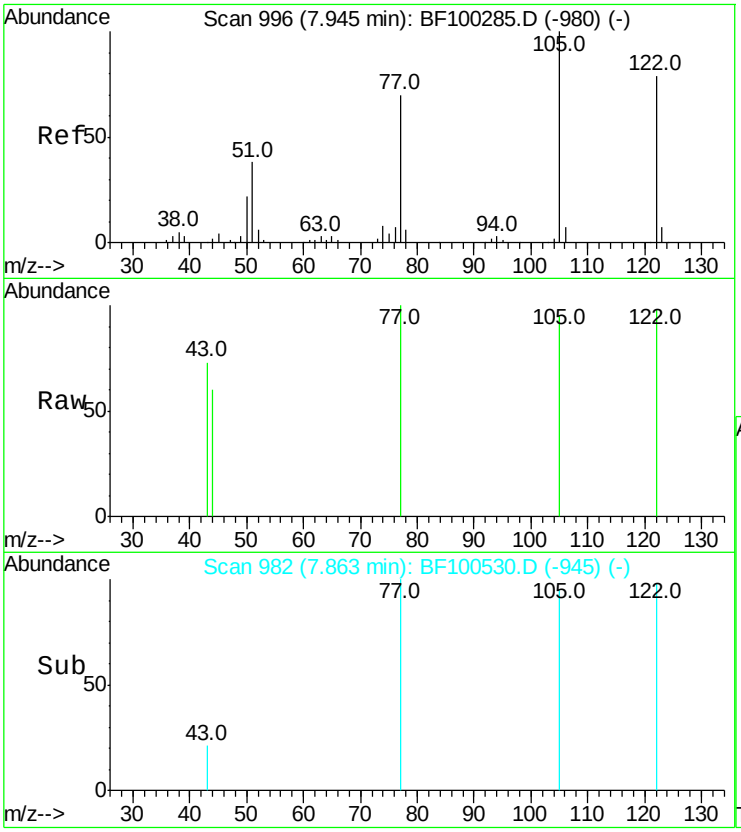


#31
Naphthalene
Concen: 2.178 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:128 Resp: 50845

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.3	10.9	16.3



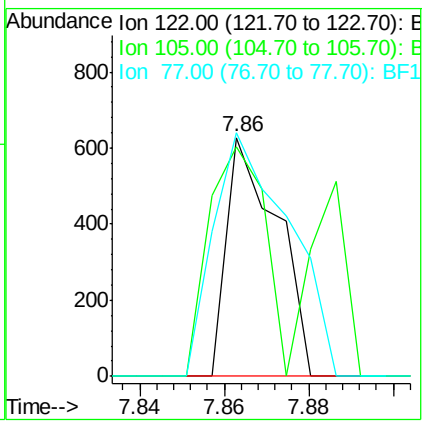


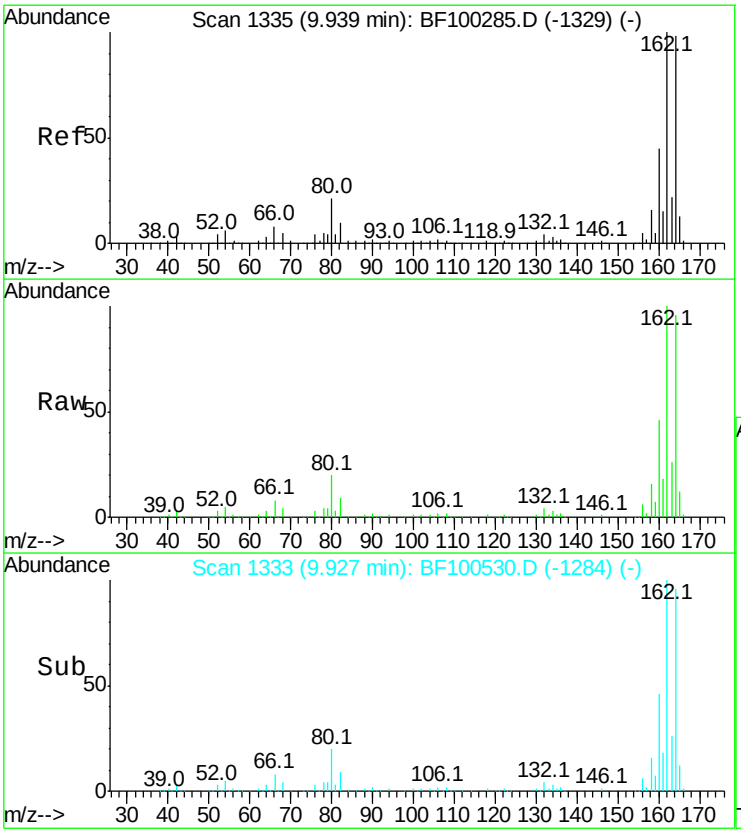
#32
Benzoic acid
Concen: 9.450 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.08 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 521

Ion	Ratio	Lower	Upper
122	100		
105	96.5	101.1	141.1#
77	102.1	70.7	110.7

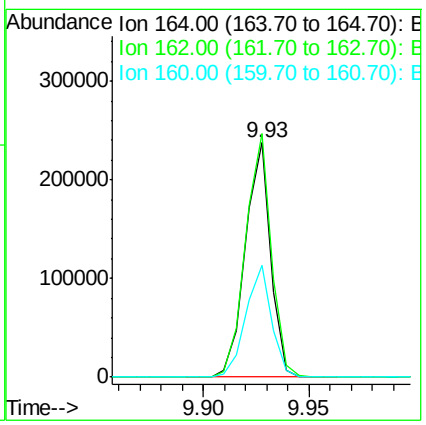


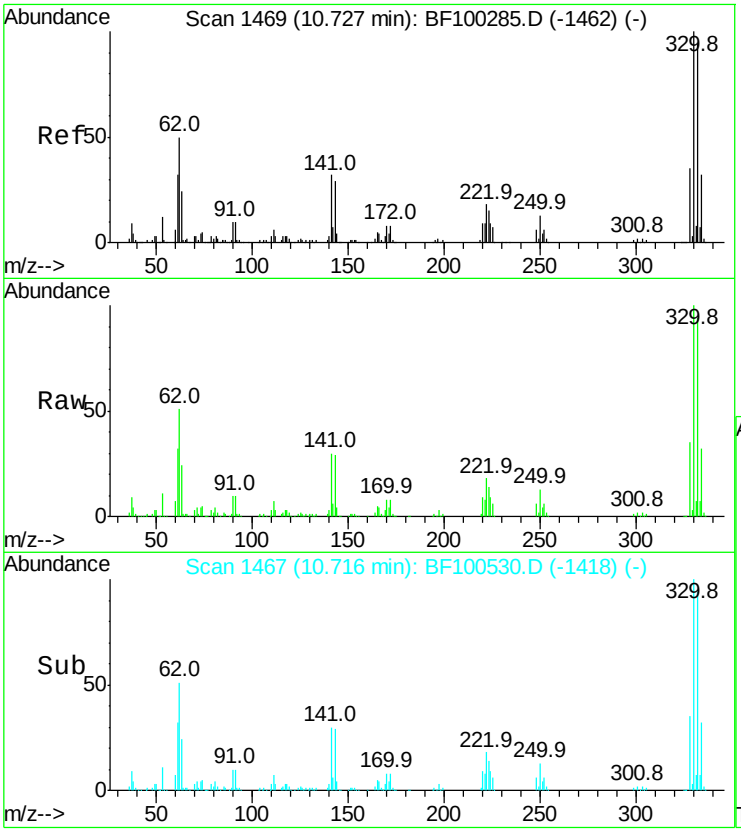


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:164 Resp: 196733

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.8	38.3	57.5



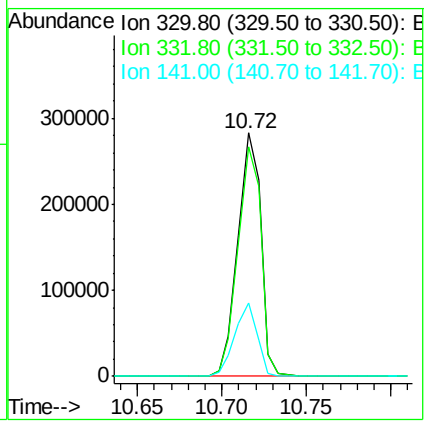


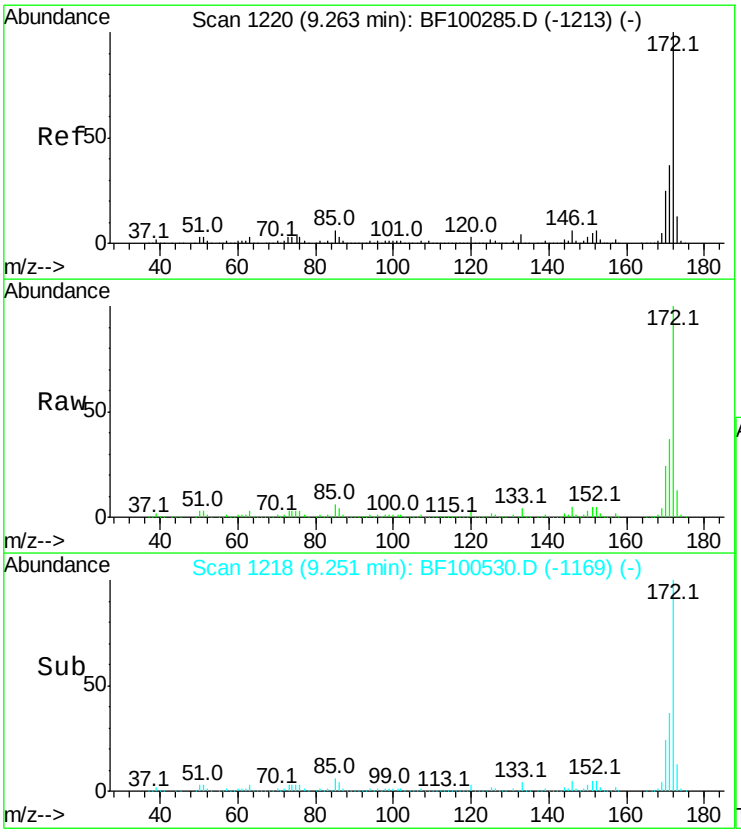
#41
2,4,6-Tribromophenol
Concen: 134.371 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 269375

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	29.3	29.9	44.9#

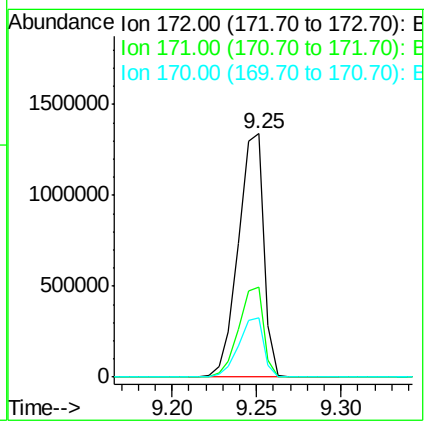


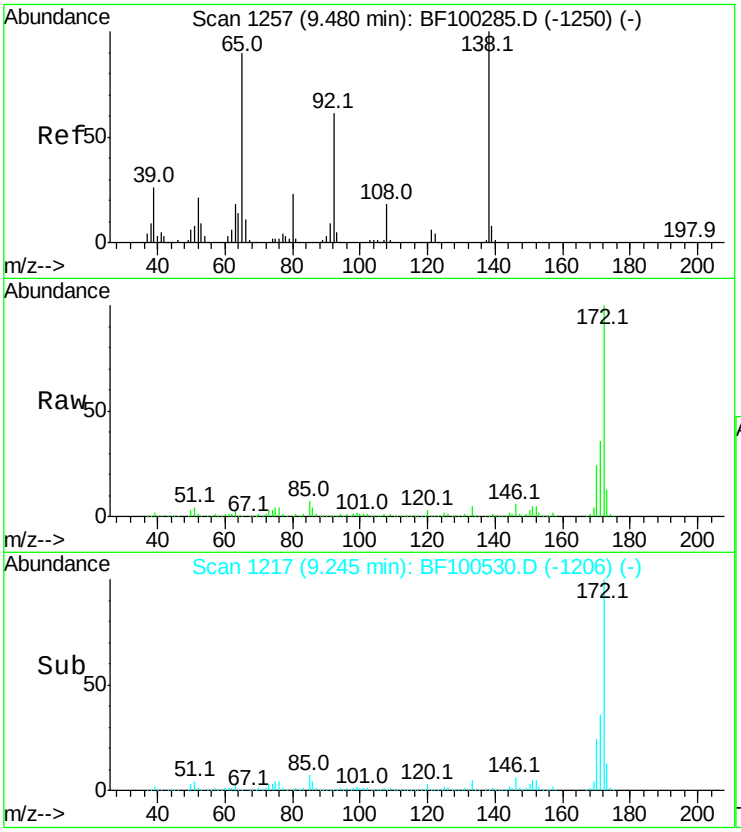


#44
2-Fluorobiphenyl
Concen: 108.833 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:172 Resp: 1406119

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4



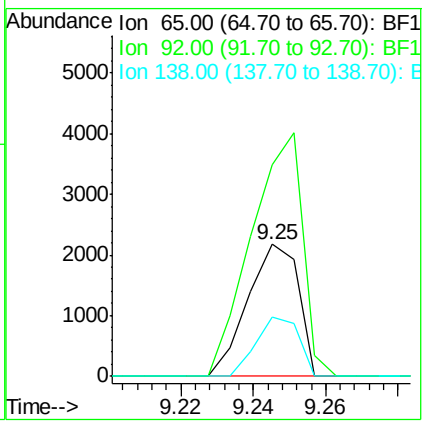


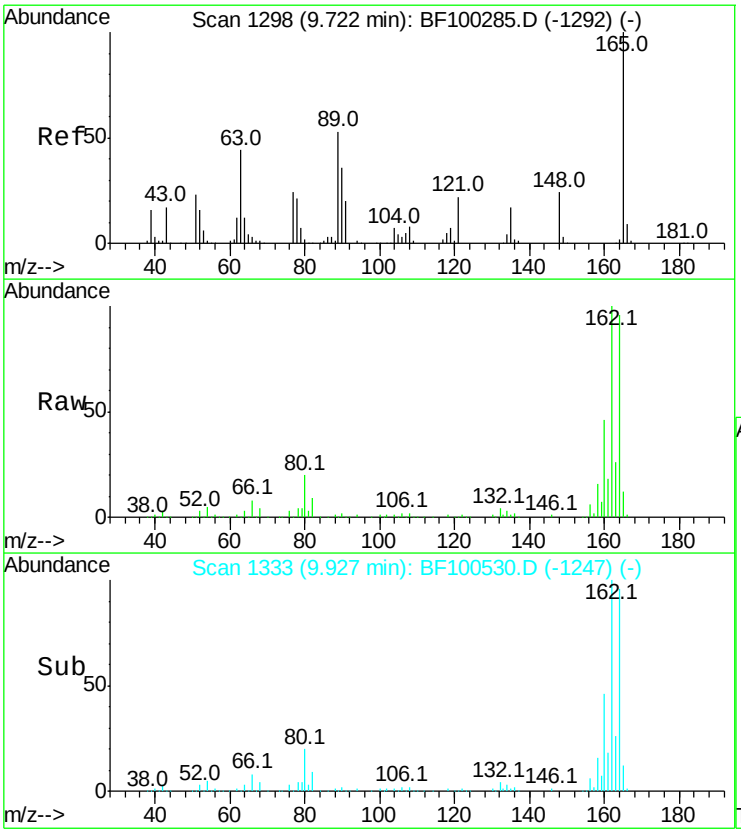
#47
2-Nitroaniline
Concen: 3.330 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.24 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 2113

Ion	Ratio	Lower	Upper
65	100		
92	160.7	55.8	83.6#
138	45.2	91.2	136.8#

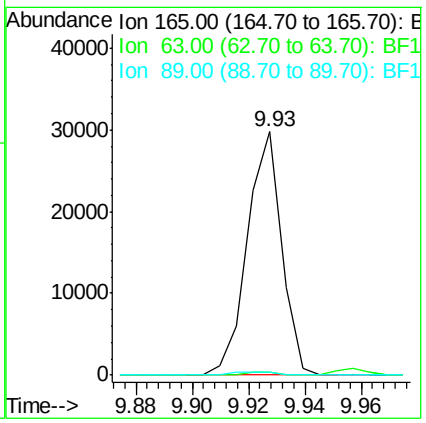


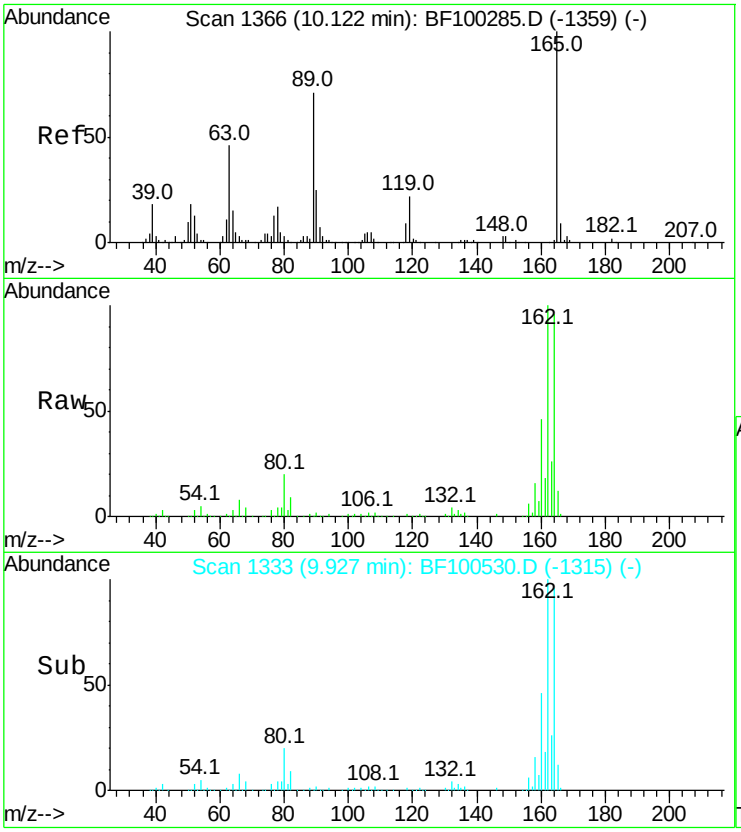


#50
2,6-Dinitrotoluene
Concen: 8.469 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:165 Resp: 25182

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#



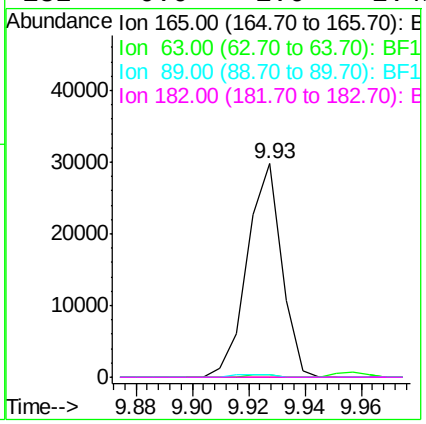


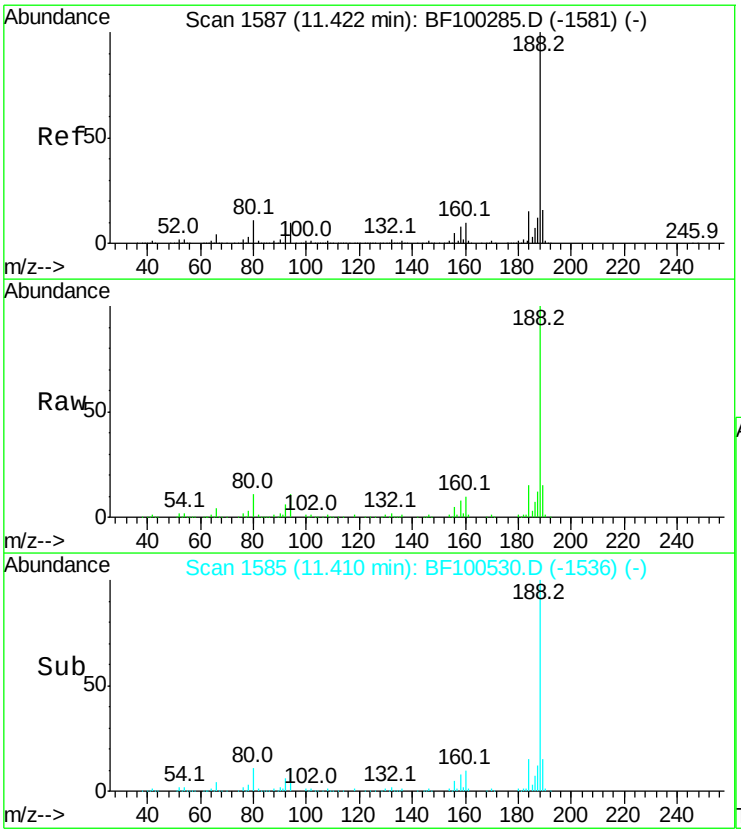
#56
2,4-Dinitrotoluene
Concen: 6.714 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25182

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

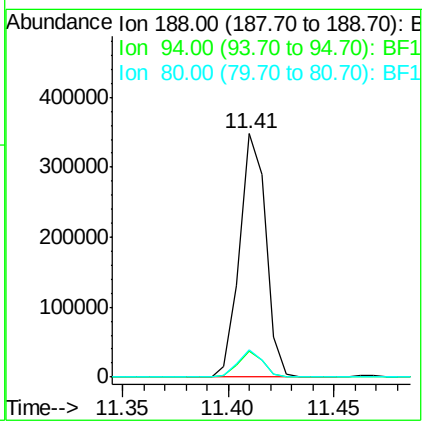


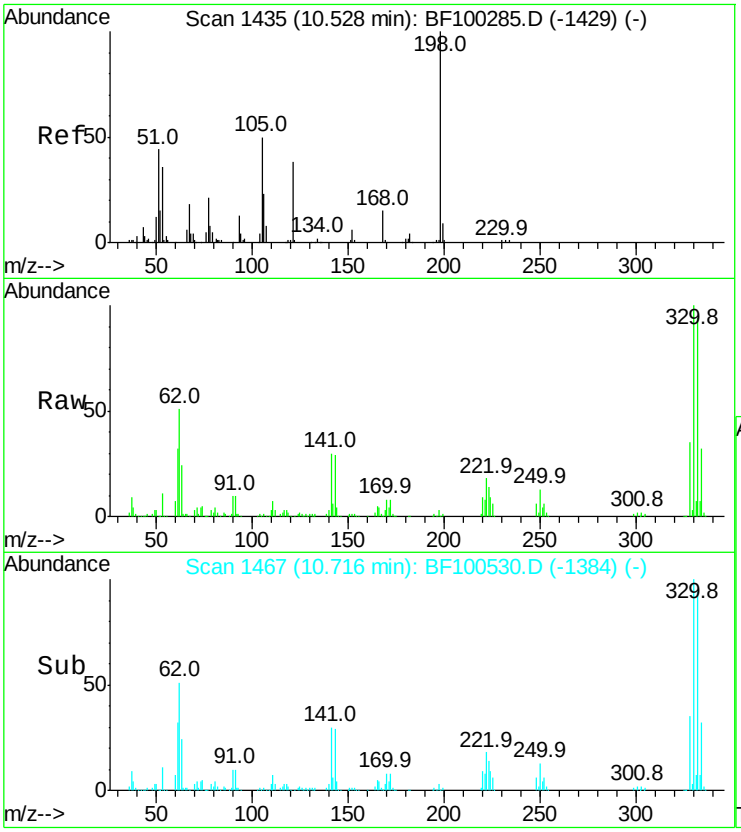


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:188 Resp: 299134

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8



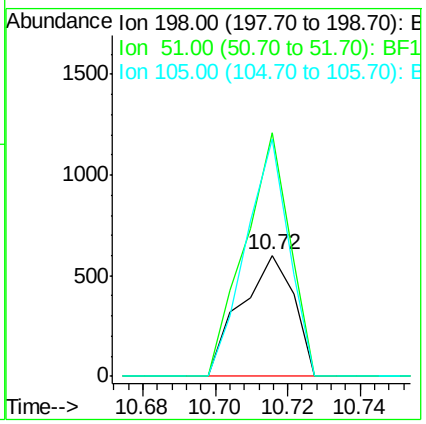


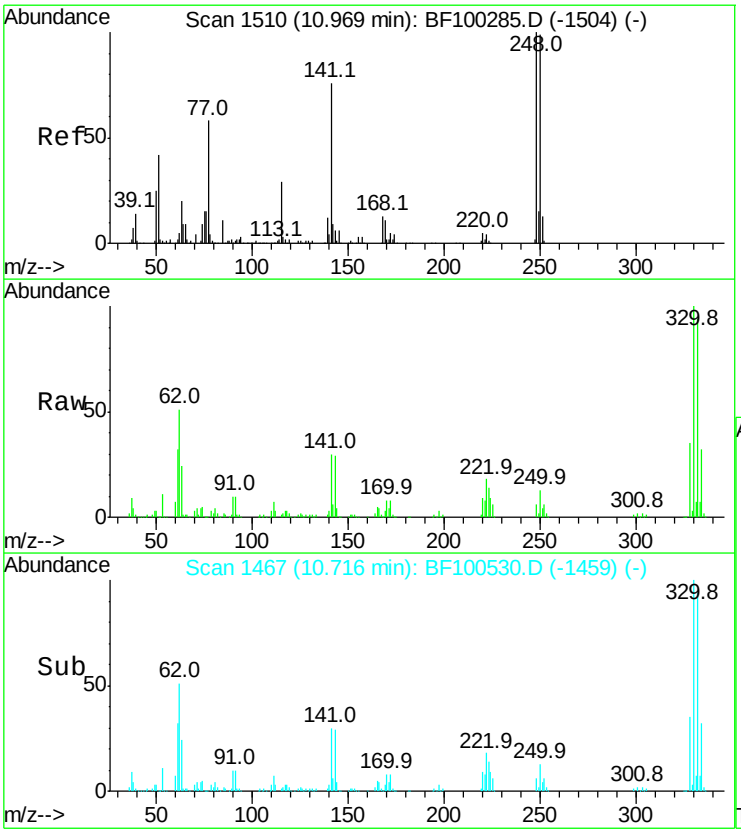
#64
4,6-Dinitro-2-methylphenol
Concen: 8.901 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 609

Ion	Ratio	Lower	Upper
198	100		
51	201.2	37.7	77.7#
105	196.5	36.3	76.3#

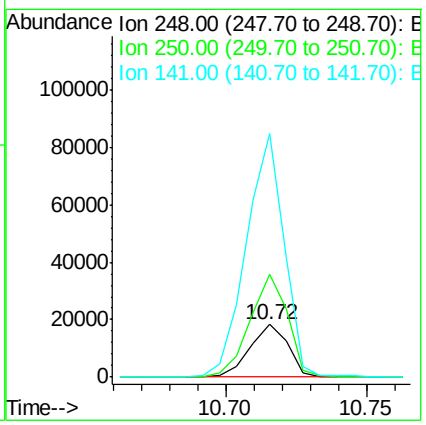


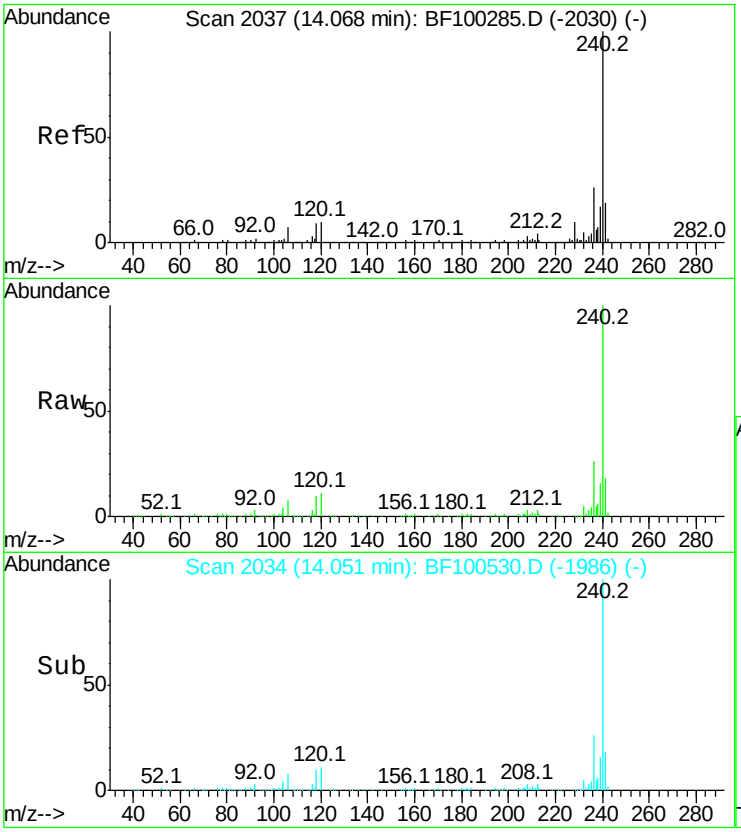


#66
4-Bromophenyl-phenylether
Concen: 5.312 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:248 Resp: 17035

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.9	115.3#
141	461.1	74.4	111.6#



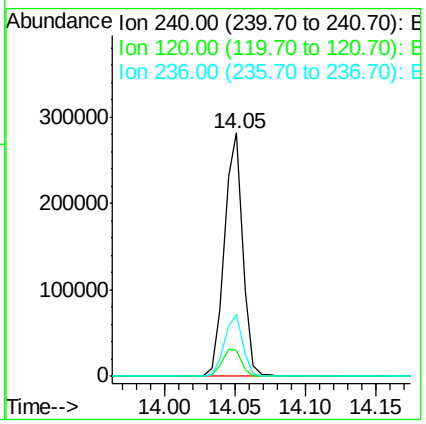


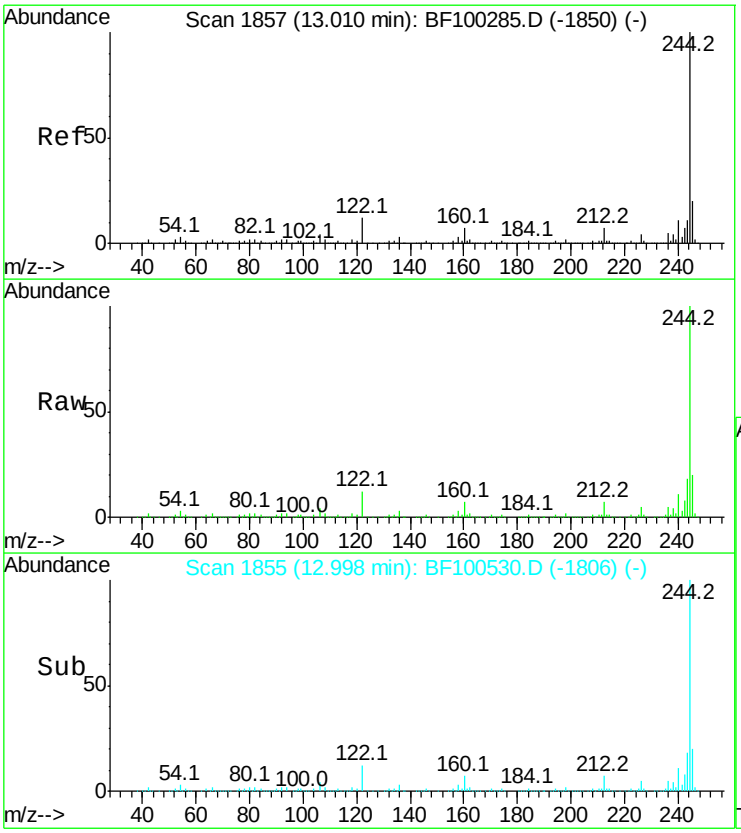
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 253202

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	20.7	31.1

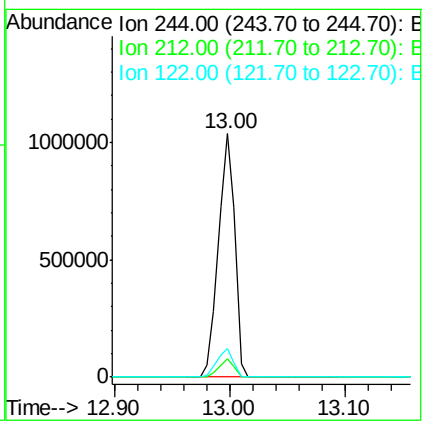


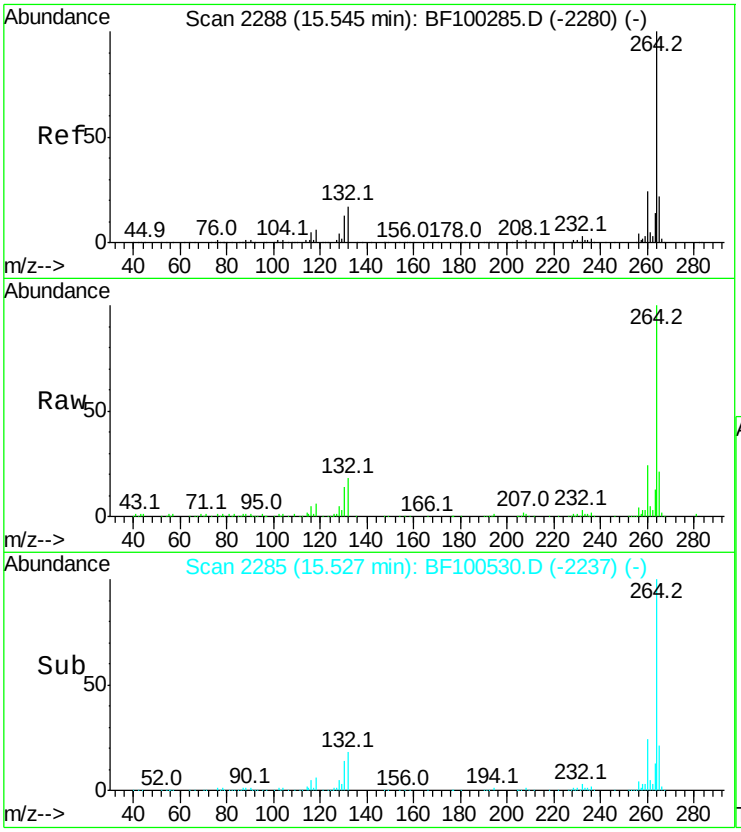


#78
Terphenyl-d14
Concen: 92.753 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Tgt Ion:244 Resp: 1022120

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100530.D
Acq: 14 Nov 2017 7:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 187654

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3