Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100592.D
Acq On : 15 Nov 2017 17:05
Operator : SJ/JU
Sample : I6448-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 16 03:34:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	134150	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	516306	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	218987	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	328039	20.00	ng		0.00
75) Chrysene-d12	14.04	240	276594	20.00	ng		-0.01
86) Perylene-d12	15.52	264	264692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	887310	106.03	ng		0.01
7) Phenol-d6	6.51	99	1079749	104.63	ng		0.00
23) Nitrobenzene-d5	7.45	82	677787	86.79	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	210731	94.44	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1148109	79.83	ng		0.00
78) Terphenyl-d14	12.99	244	748890	62.21	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	59012	5.45	ng		98
19) n-Nitroso-di-n-propylamine	7.45	70	90631	12.66	ng	#	80
25) Isophorone	7.45	82	677530	41.29	ng	#	64
47) 2-Nitroaniline	9.63	65	953	3.01	ng	#	1
49) Dimethylphthalate	9.63	163	111098	6.64	ng		99
56) 2,4-Dinitrotoluene	9.92	165	28692	6.87	ng	#	23
62) Azobenzene	10.63	77	51870	3.29	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.71	198	437	8.79	ng	#	17
66) 4-Bromophenyl-phenylether	10.71	248	13045	3.71	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
Data File : BF100592.D
Acq On : 15 Nov 2017 17:05
Operator : SJ/JU
Sample : I6448-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 16 03:34:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
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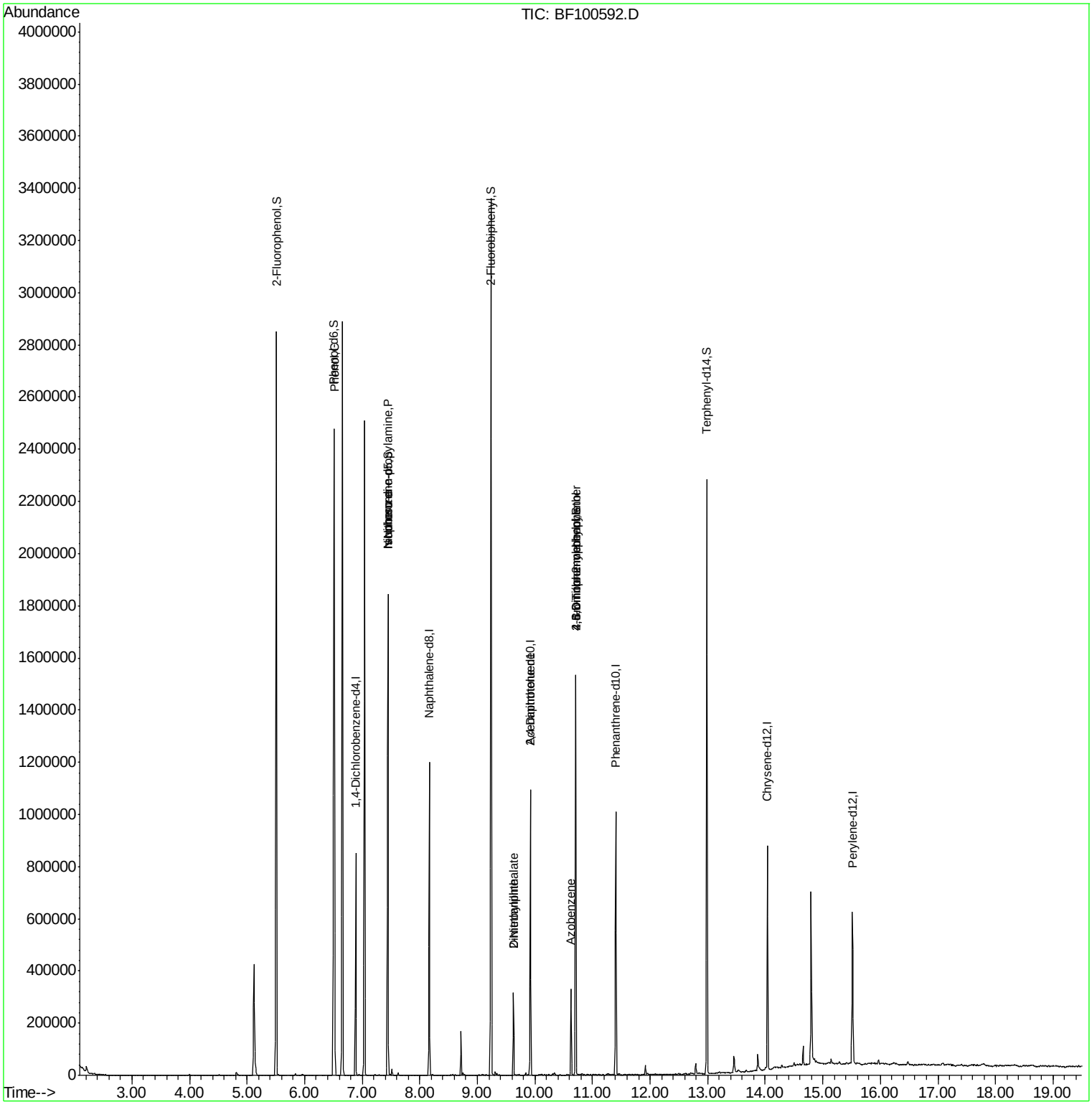
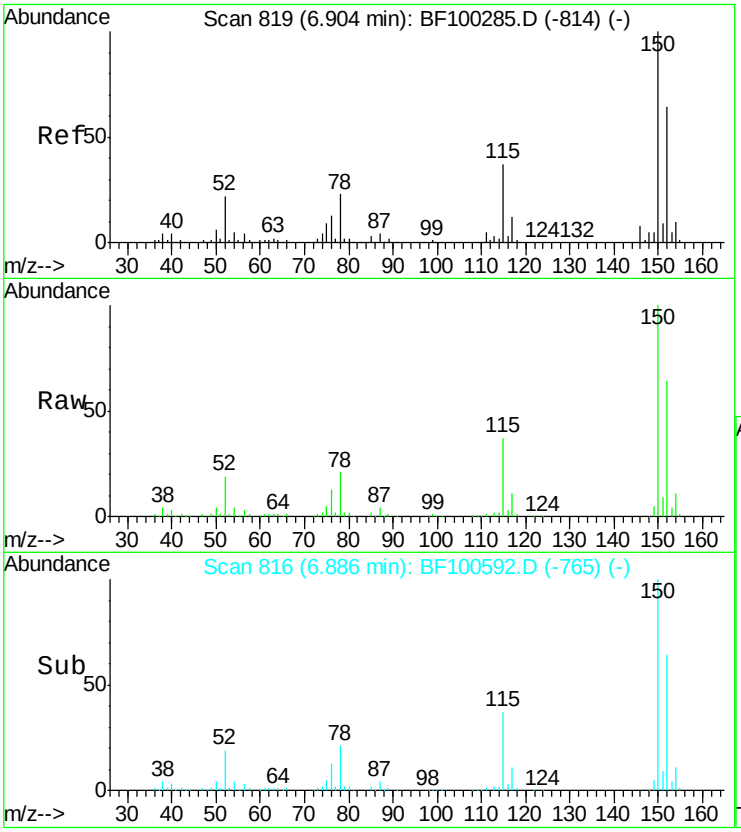


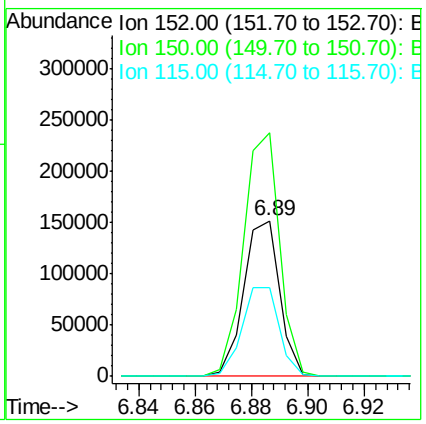


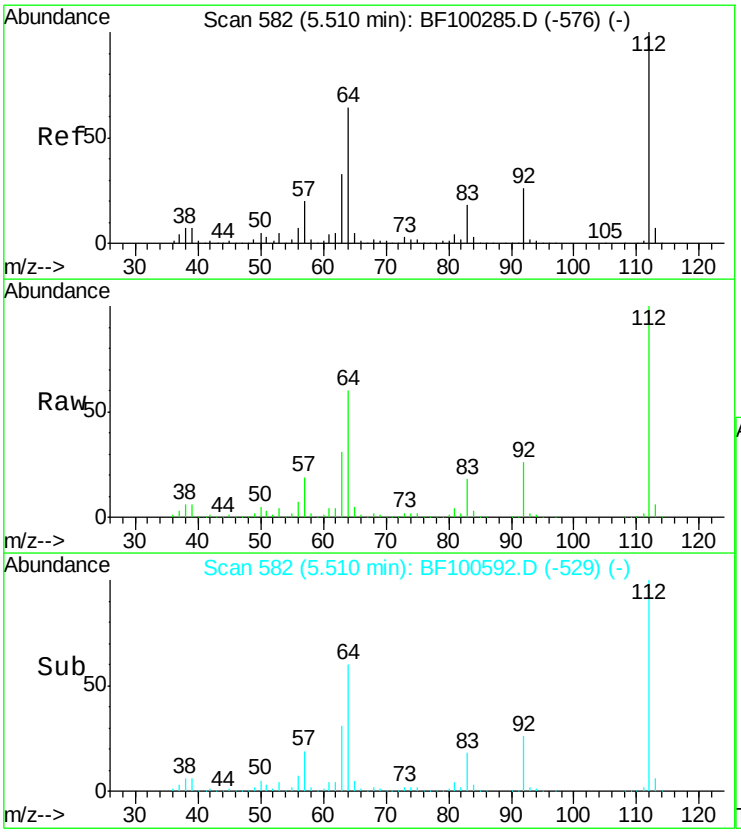
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134150

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	57.3	50.1	75.1

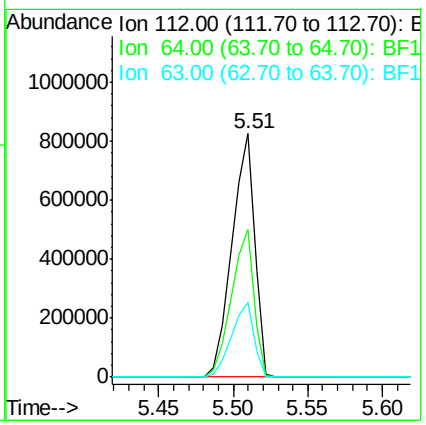


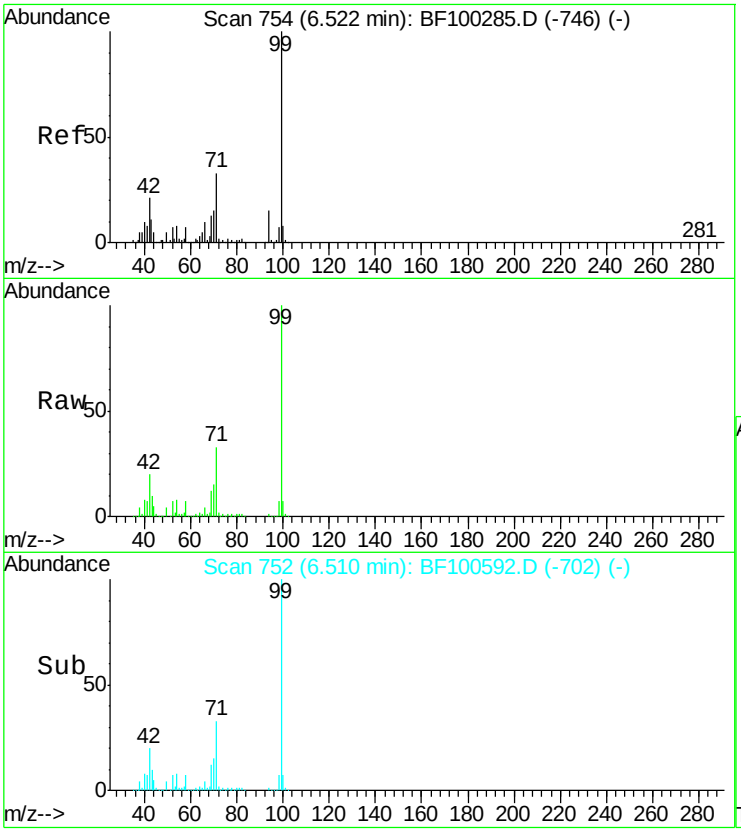


#5
2-Fluorophenol
Concen: 106.03 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:112 Resp: 887310

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	30.6	23.7	35.5



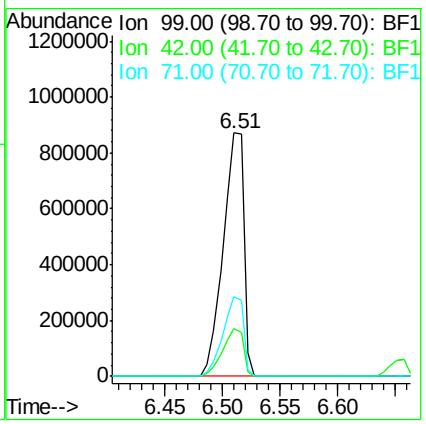


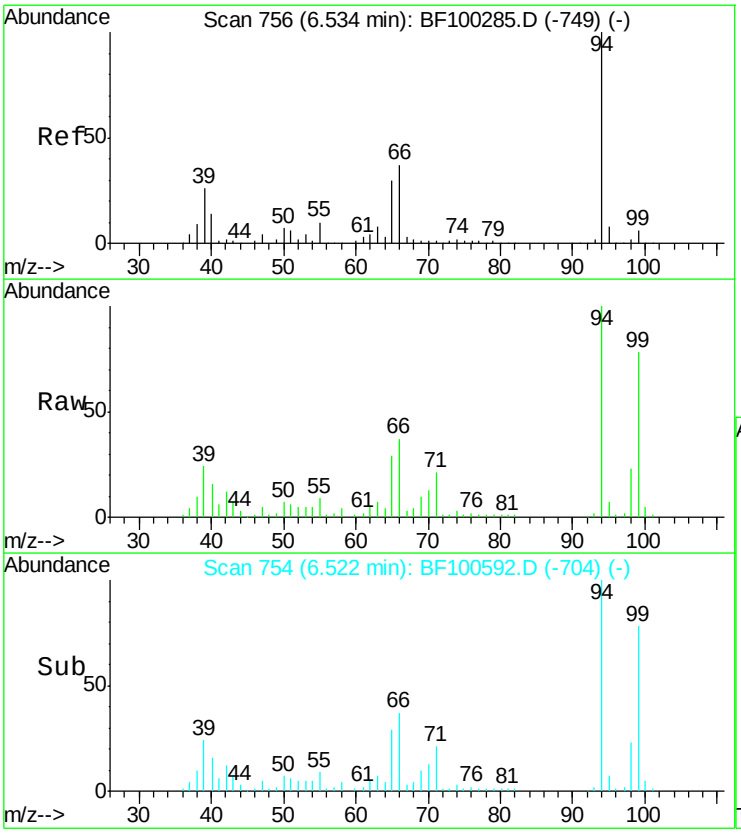
#7
Phenol-d6
Concen: 104.63 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1079749

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.8	25.4	38.0

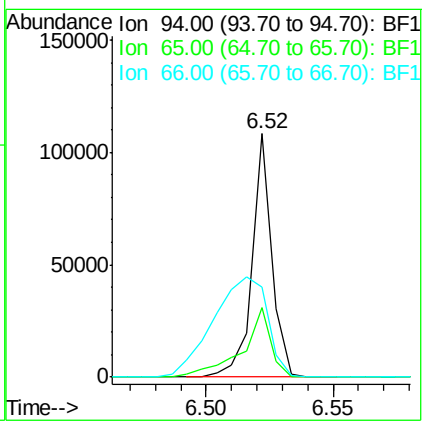


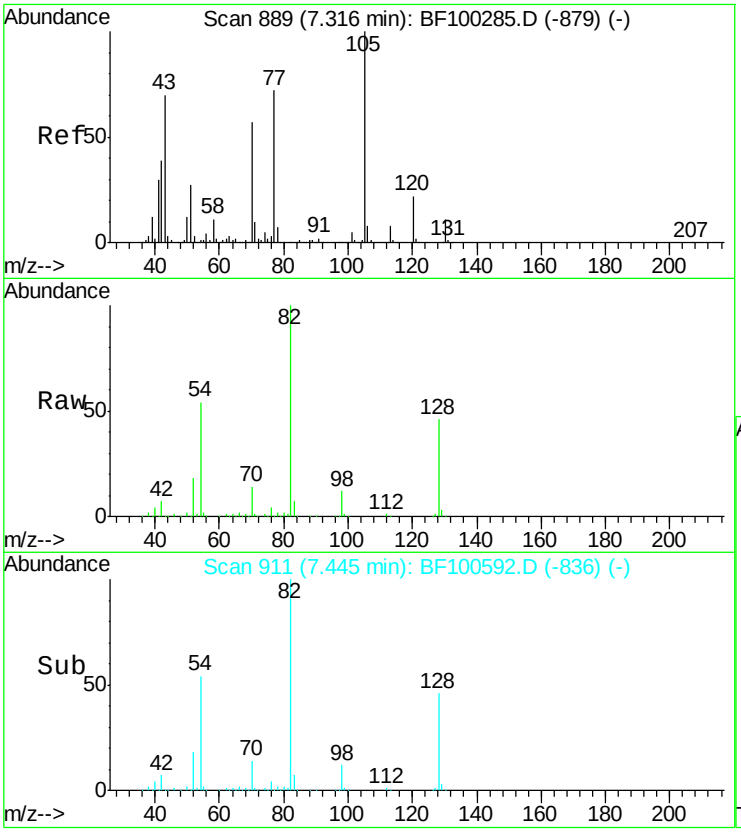


#10
Phenol
Concen: 5.45 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion: 94 Resp: 59012

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	37.2	16.2	56.2



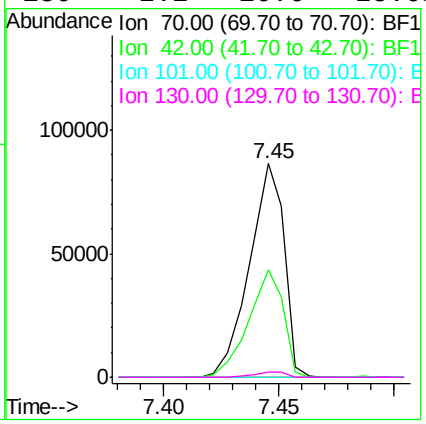


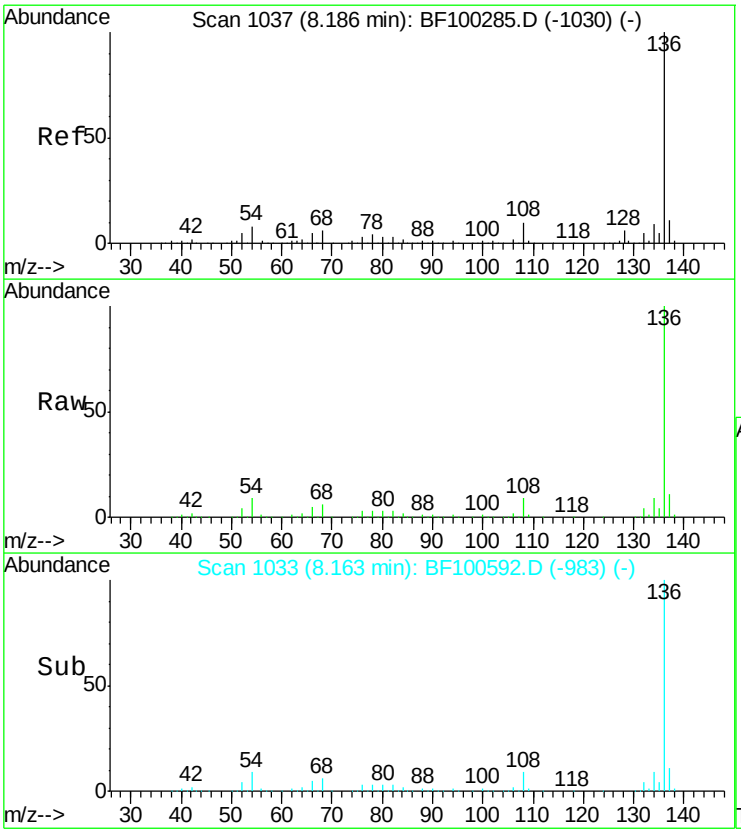
#19
n-Nitroso-di-n-propylamine
Concen: 12.66 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 90631

Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

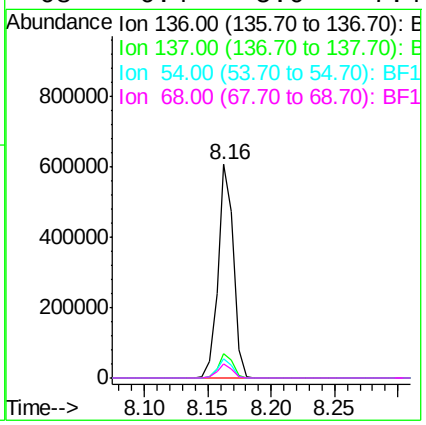


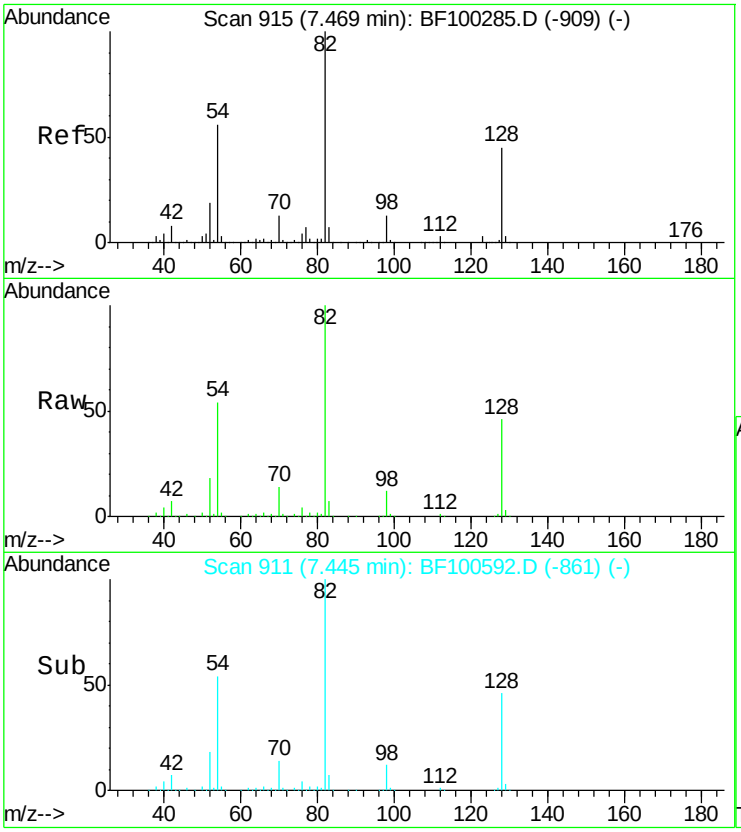


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:136 Resp: 516306

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4



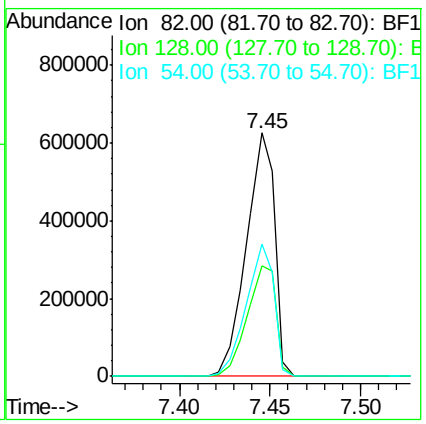


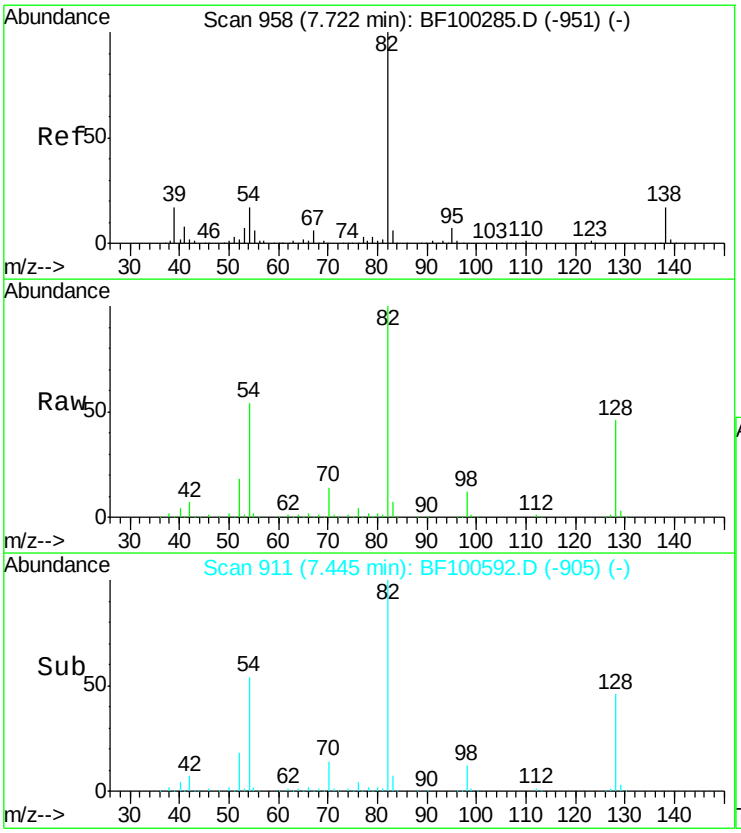
#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 677787

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

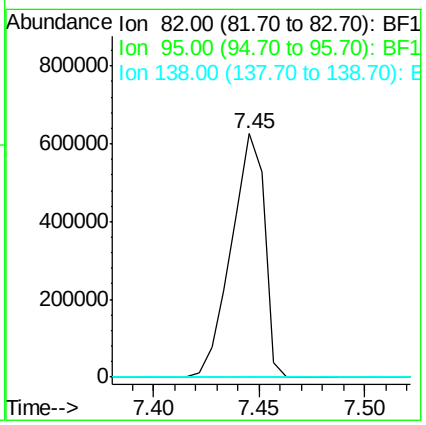


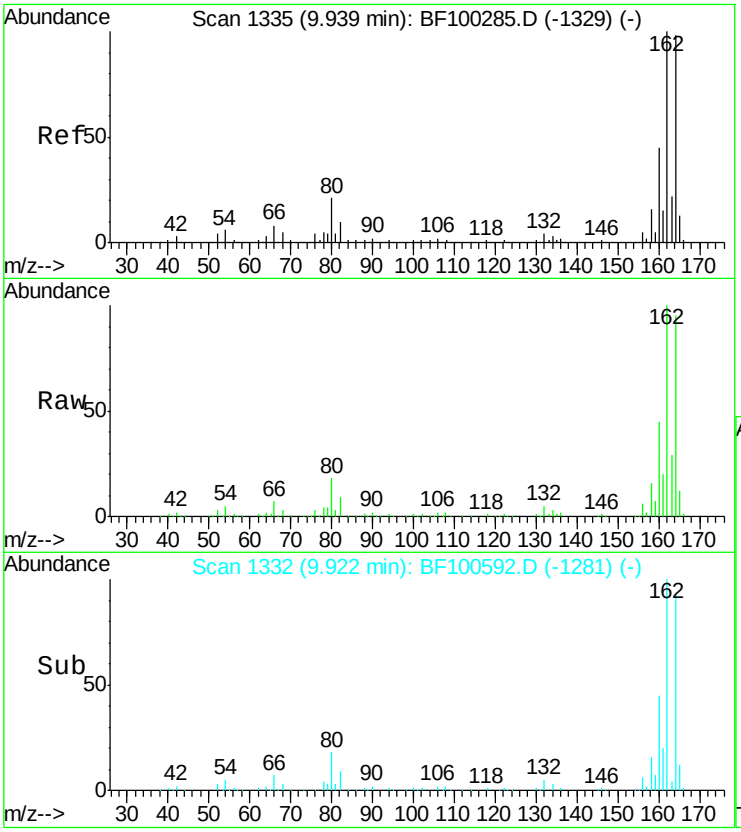


#25
Isophorone
Concen: 41.29 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion: 82 Resp: 677530

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



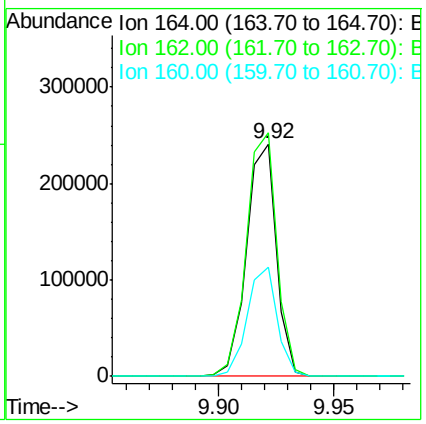


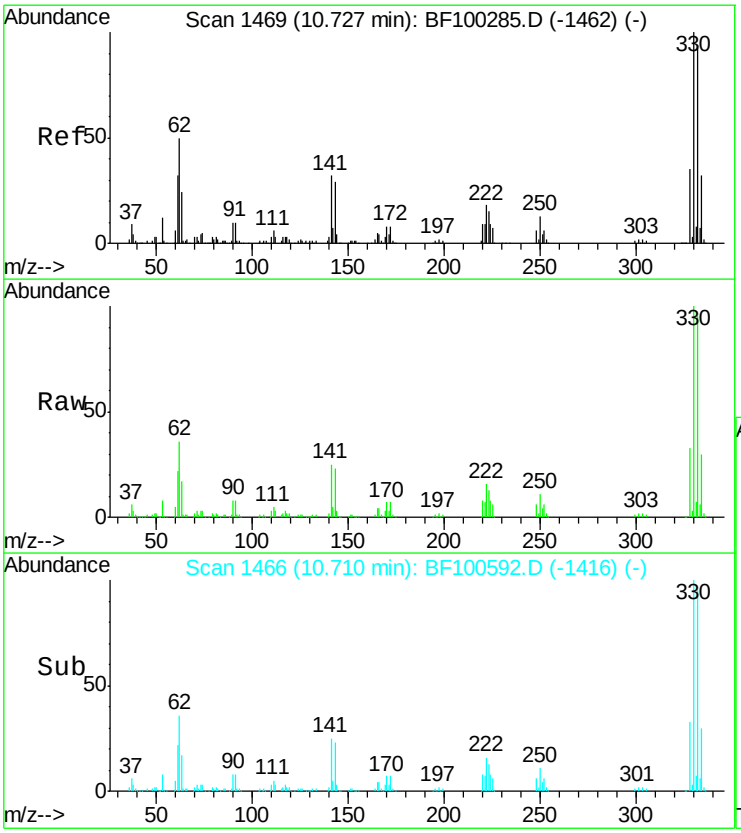
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 218987

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.2	38.3	57.5

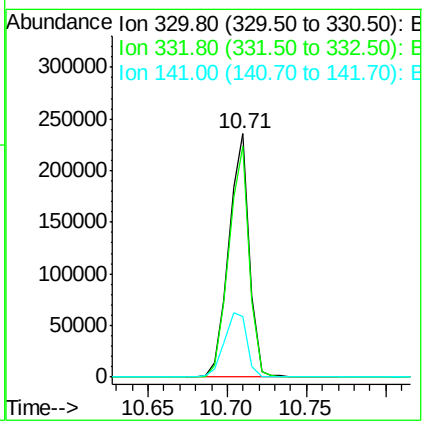


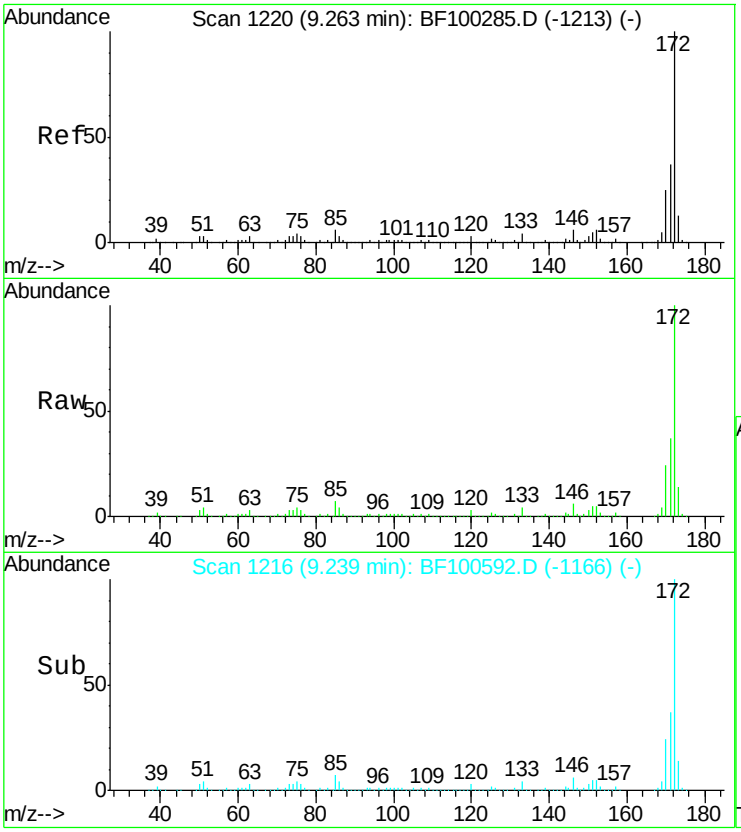


#41
2,4,6-Tribromophenol
Concen: 94.44 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:330 Resp: 210731

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	29.3	29.9	44.9#



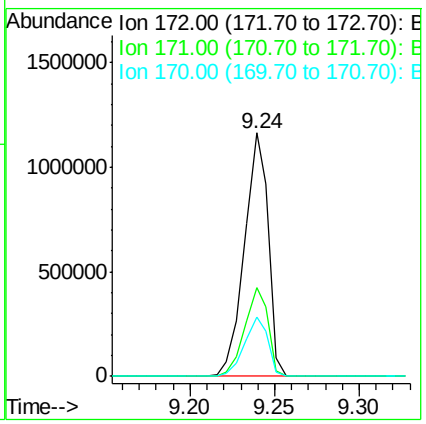


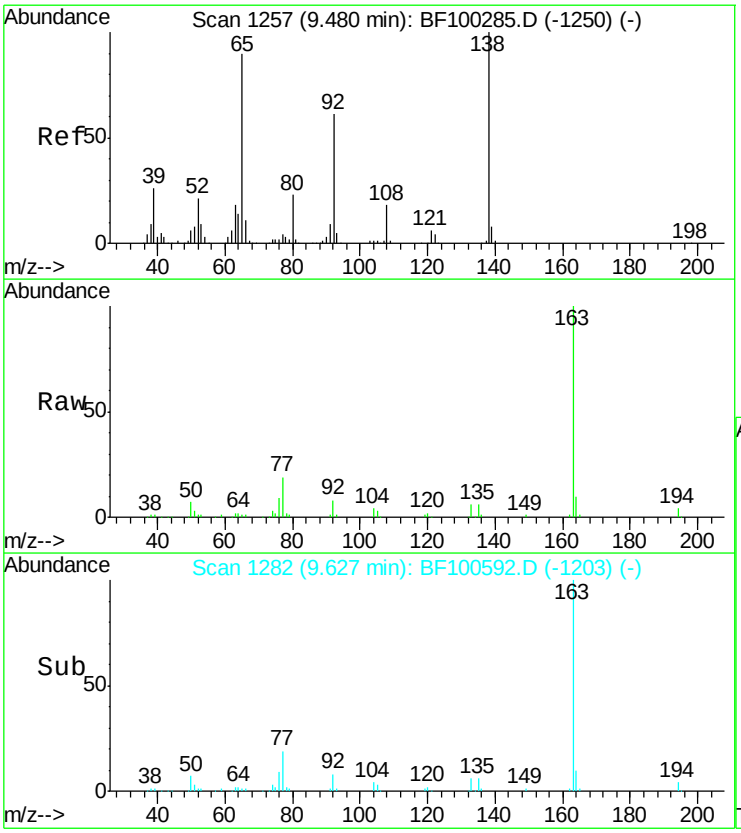
#44
2-Fluorobiphenyl
Concen: 79.83 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1148109

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

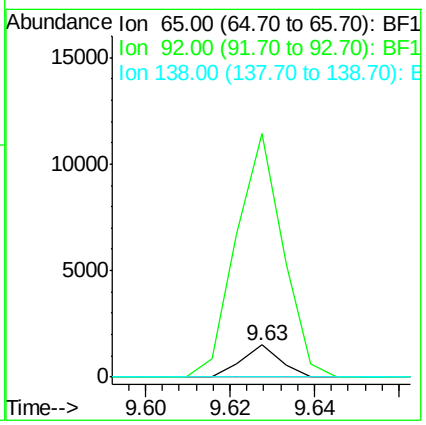


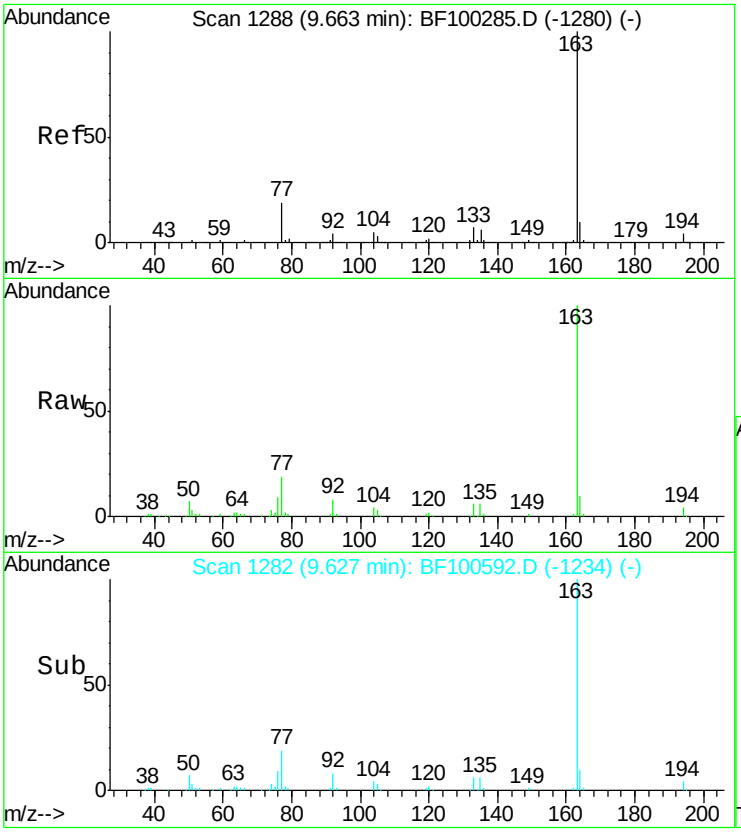


#47
2-Nitroaniline
Concen: 3.01 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion: 65 Resp: 953

Ion	Ratio	Lower	Upper
65	100		
92	764.7	55.8	83.6#
138	0.0	91.2	136.8#

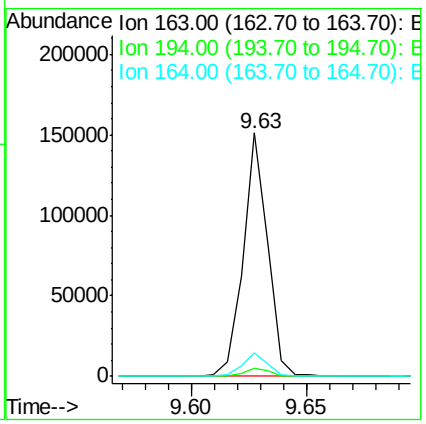




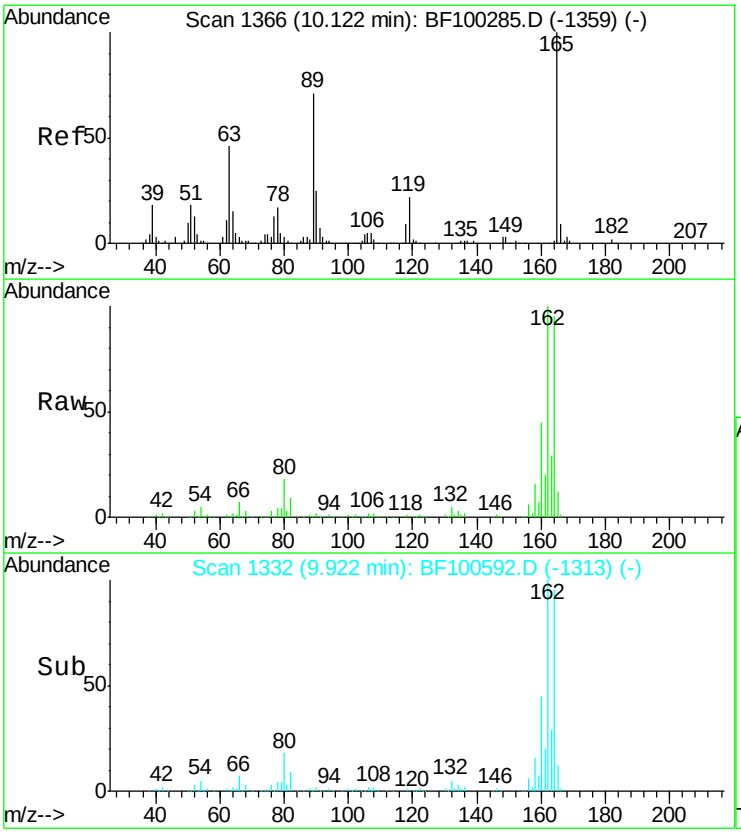
#49
Dimethylphthalate
Concen: 6.64 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:163 Resp: 111098

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2



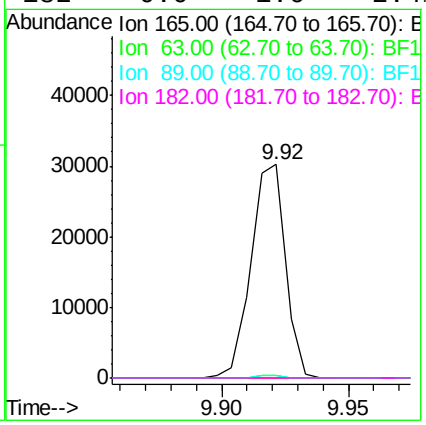
Instrument :
BNA_F
ClientSampleId :

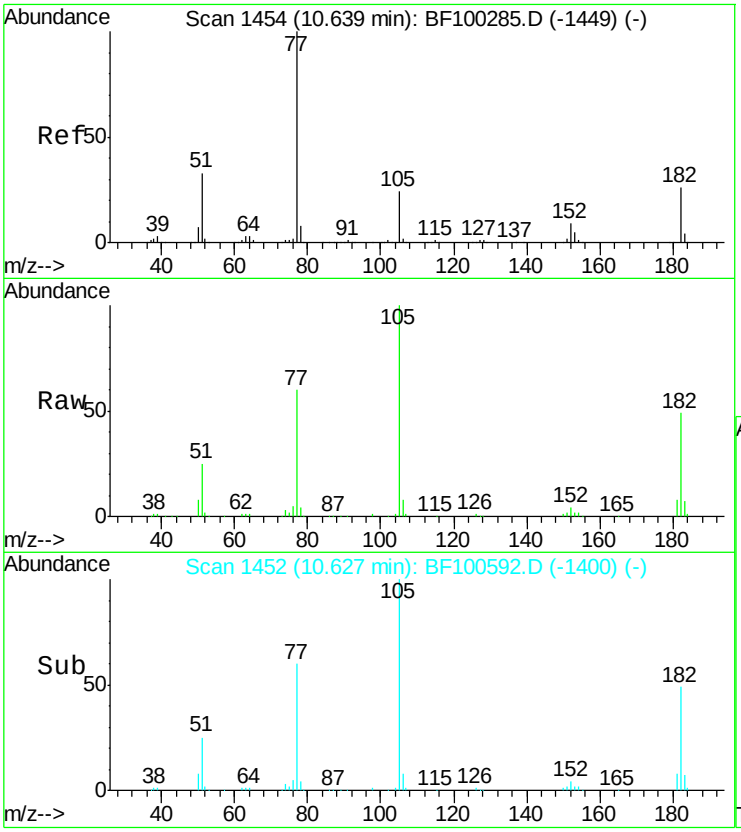


#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:165 Resp: 28692

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#



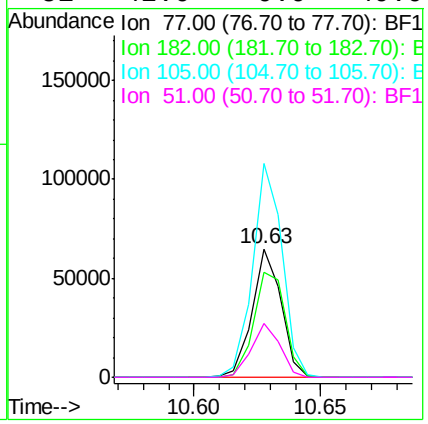


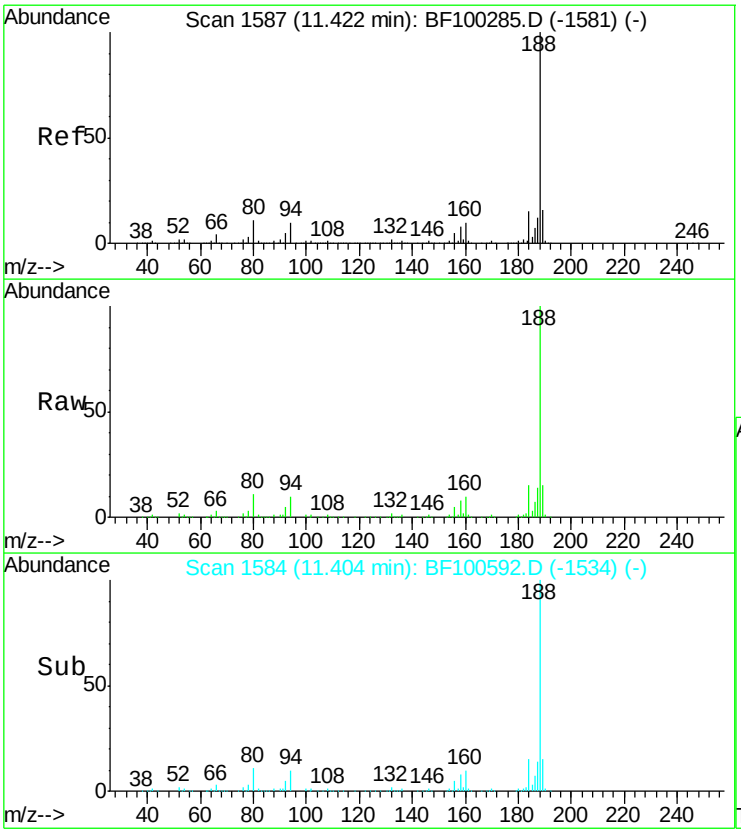
#62
Azobenzene
Concen: 3.29 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 51870

Ion	Ratio	Lower	Upper
77	100		
182	81.5	1.7	41.7#
105	166.0	3.0	43.0#
51	42.0	9.9	49.9

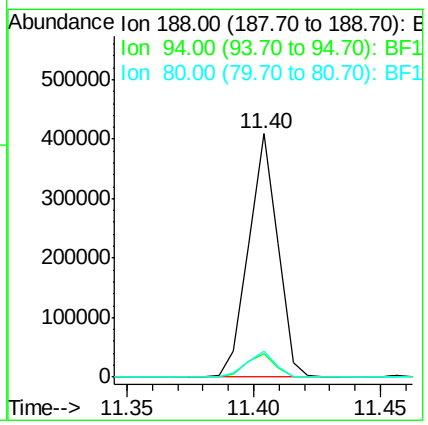


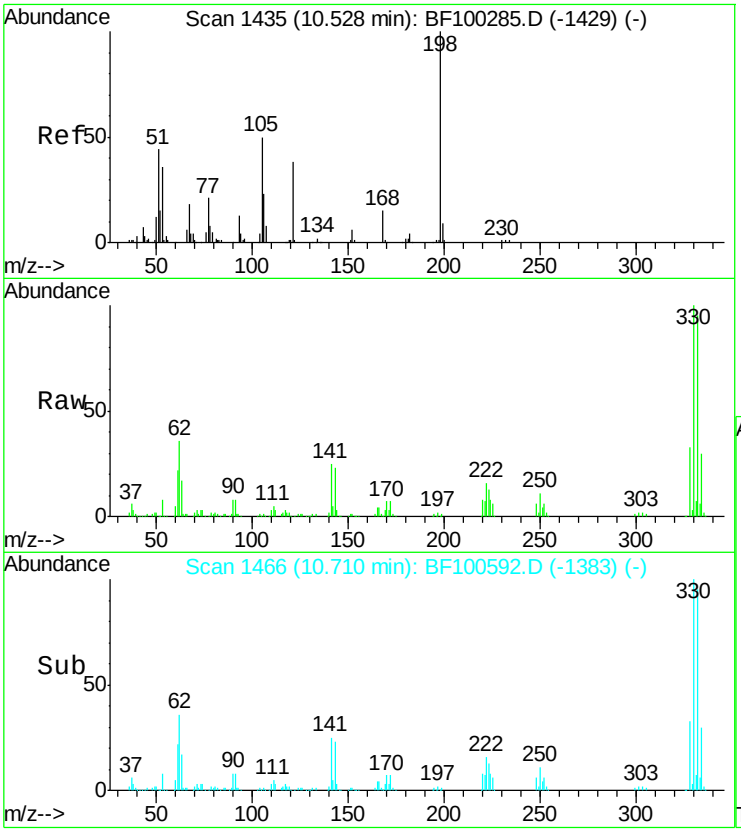


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:188 Resp: 328039

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8



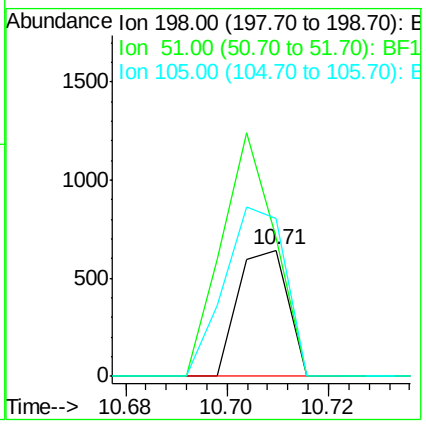


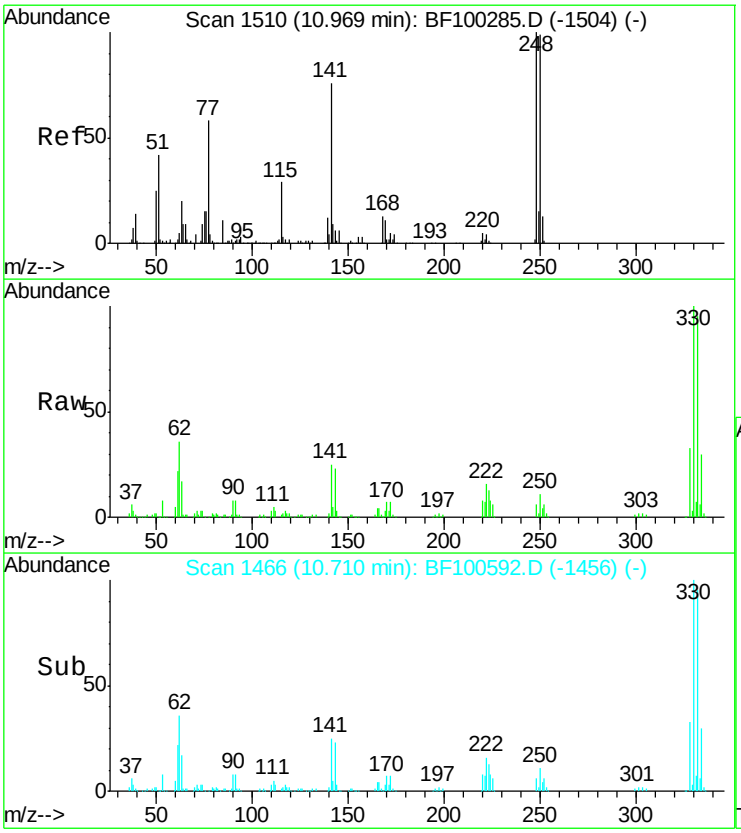
#64
4,6-Dinitro-2-methylphenol
Concen: 8.79 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 437

Ion	Ratio	Lower	Upper
198	100		
51	110.1	37.7	77.7#
105	125.5	36.3	76.3#

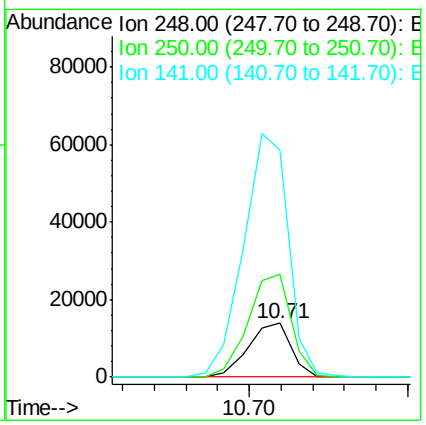


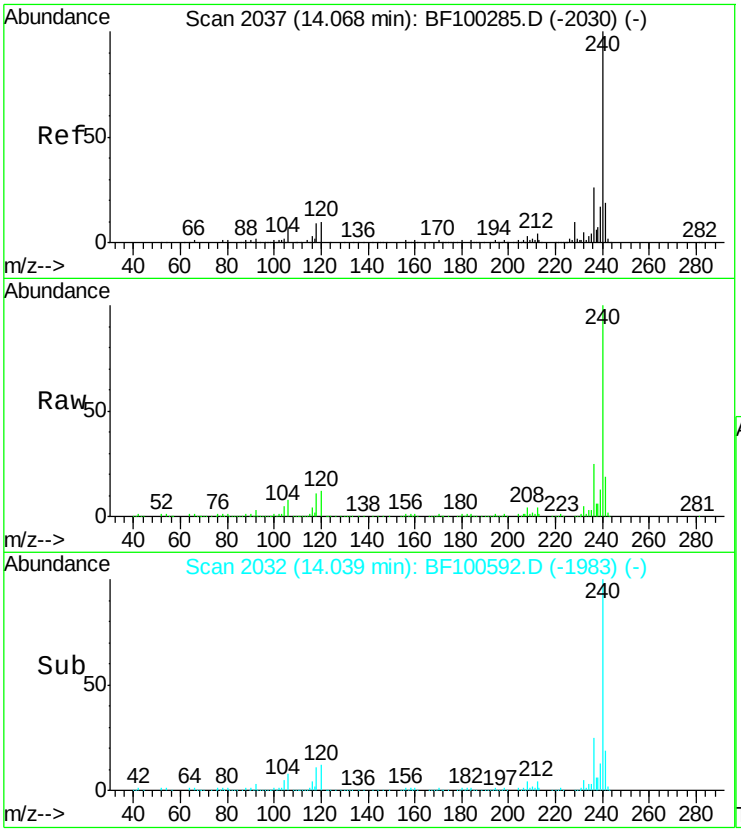


#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:248 Resp: 13045

Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.9	115.3#
141	421.6	74.4	111.6#



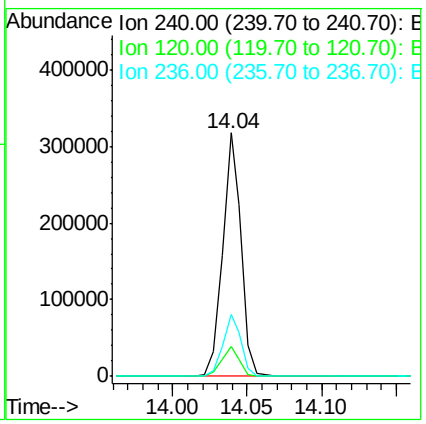


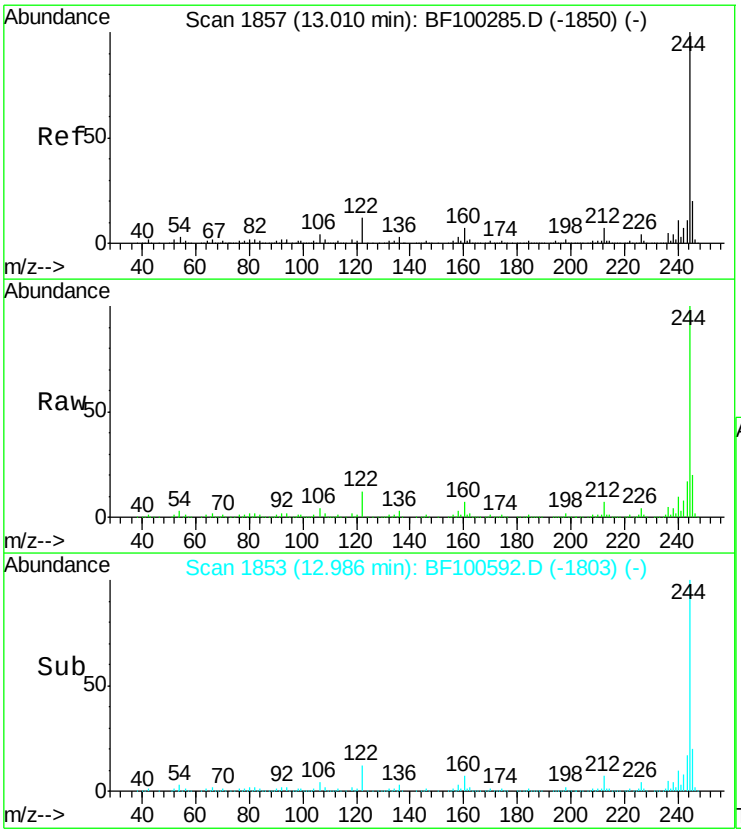
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 276594

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.2	20.7	31.1

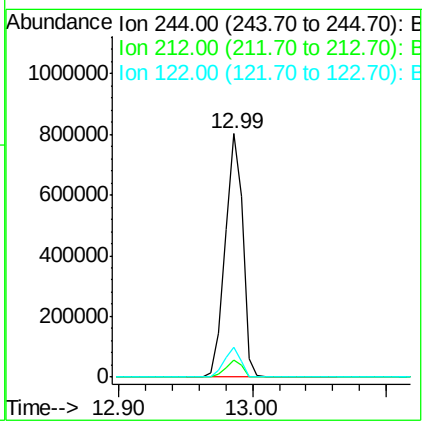


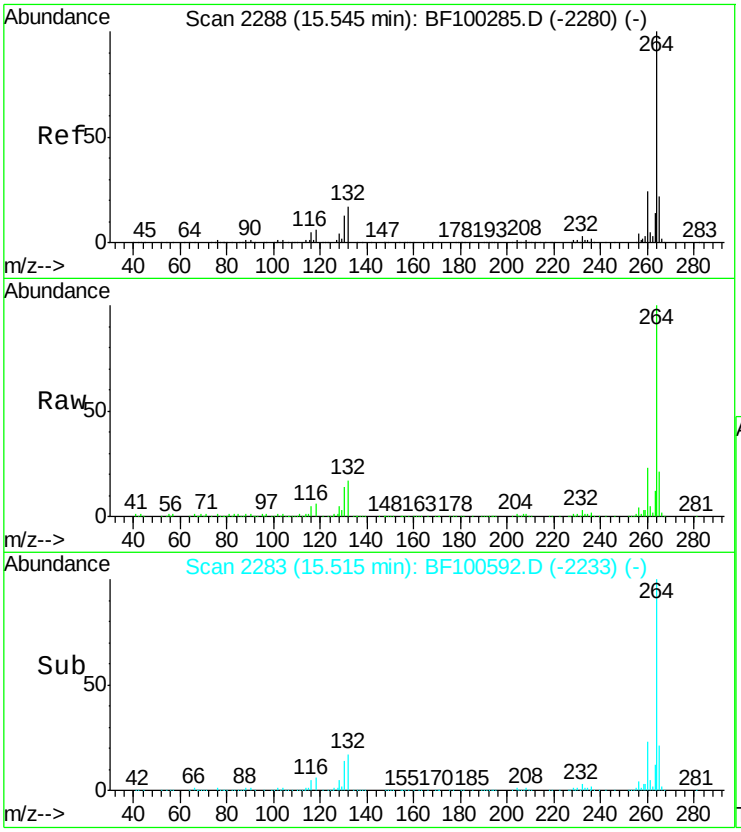


#78
Terphenyl-d14
Concen: 62.21 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Tgt Ion:244 Resp: 748890

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100592.D
Acq: 15 Nov 2017 17:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 264692

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3