Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100901.D
Acq On : 27 Nov 2017 19:21
Operator : SJ/JU
Sample : I6289-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 27 22:00:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	65674	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	255952	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	115356	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	189486	20.00	ng		0.00
75) Chrysene-d12	14.02	240	141469	20.00	ng		0.00
86) Perylene-d12	15.49	264	123773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	539922	131.79	ng		0.02
7) Phenol-d6	6.50	99	553899	109.64	ng		0.00
23) Nitrobenzene-d5	7.43	82	466304	120.45	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	183890	156.44	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	948601	125.22	ng		0.00
78) Terphenyl-d14	12.97	244	692656	112.50	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	12770	3.539	ng		85
19) n-Nitroso-di-n-propylamine	7.43	70	62854	17.940	ng	#	78
25) Isophorone	7.43	82	466299	57.317	ng	#	64
32) Benzoic acid	7.85	122	114	9.404	ng		89
47) 2-Nitroaniline	9.22	65	1286	3.350	ng	#	1
50) 2,6-Dinitrotoluene	9.89	165	14467	8.298	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	14467	6.578	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.69	198	114	8.668	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	11278	5.552	ng	#	1

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

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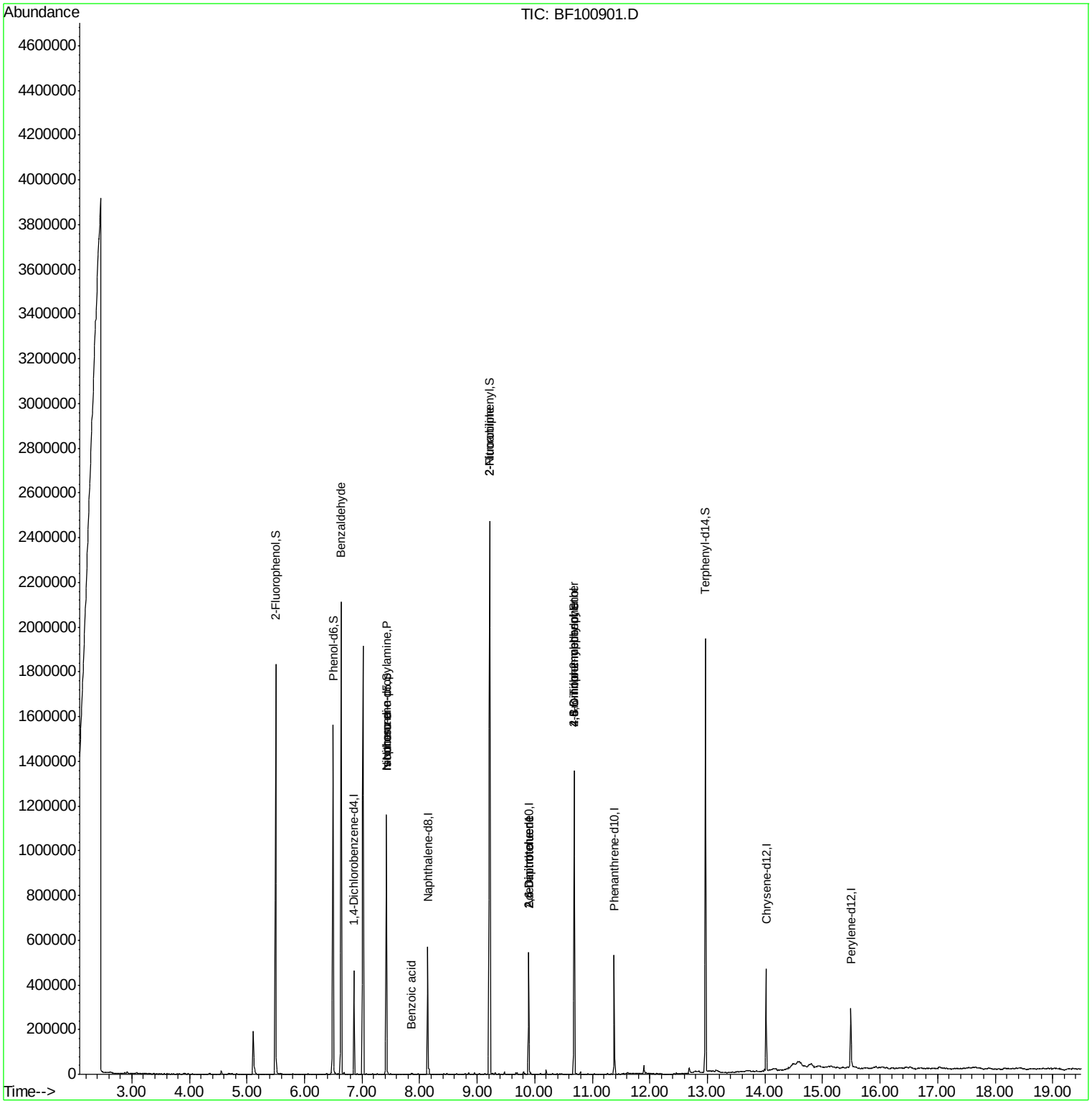
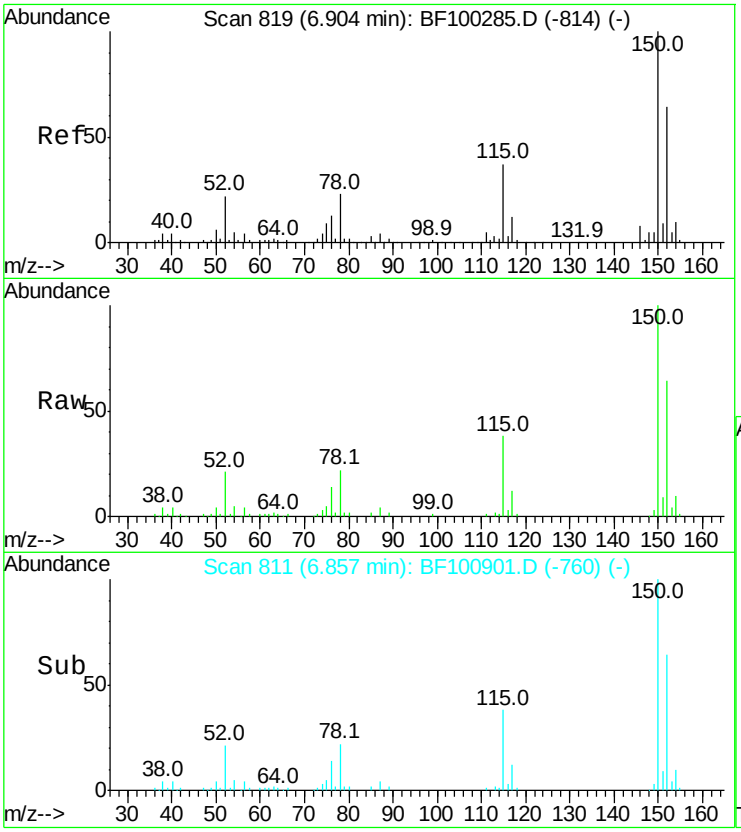


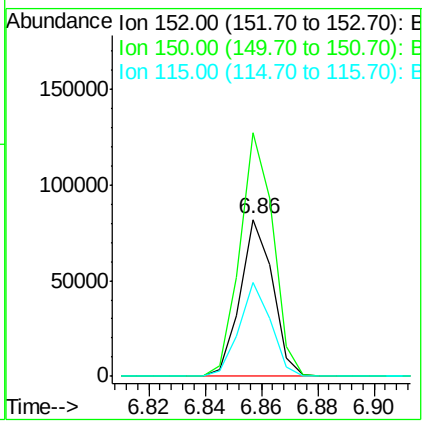


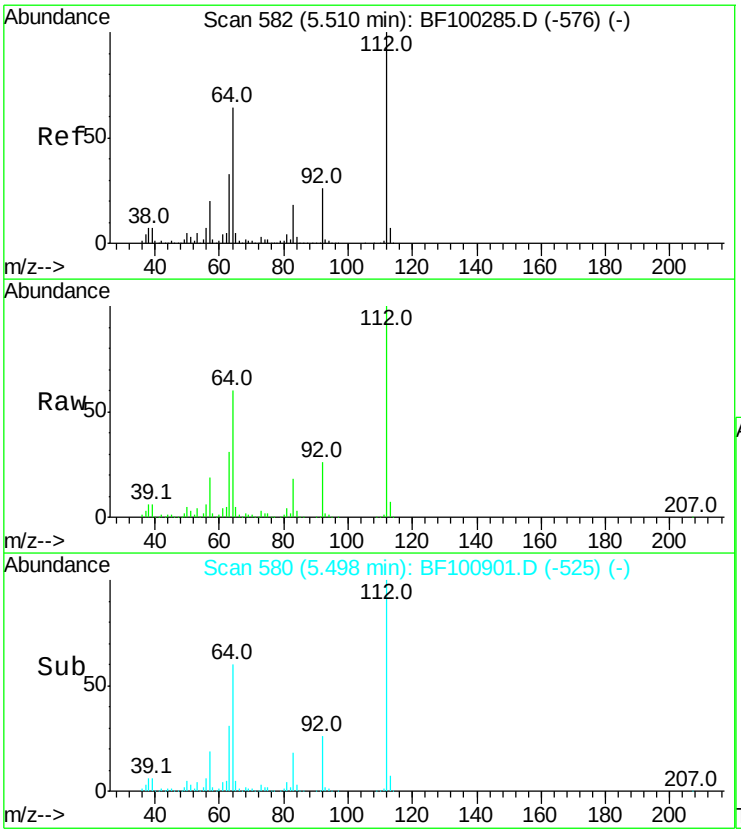
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65674

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	59.5	50.1	75.1

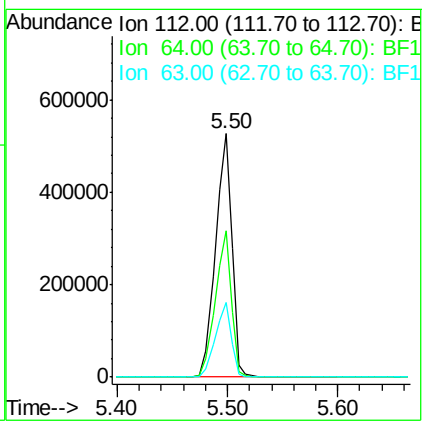


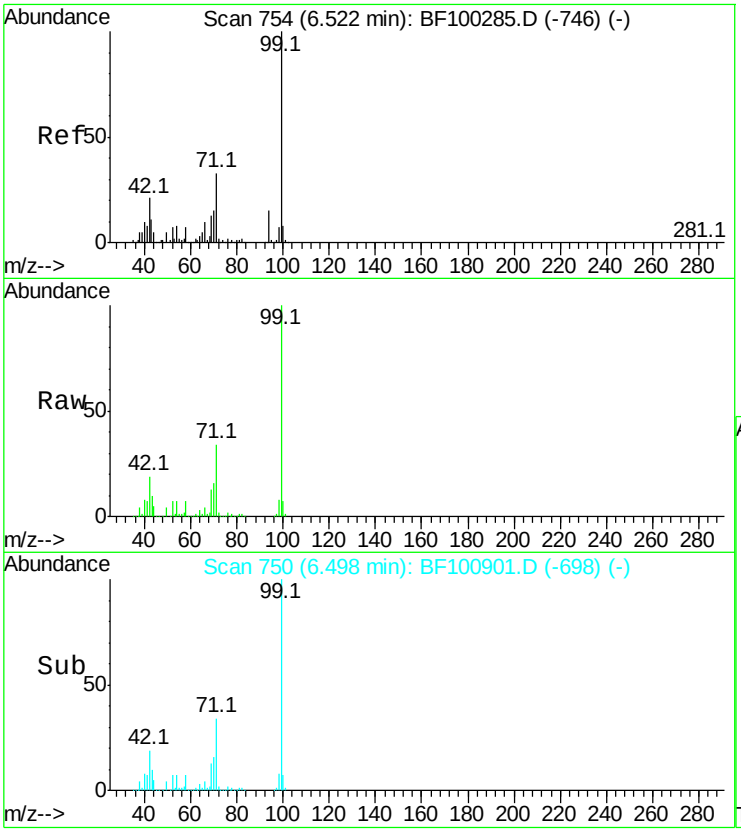


#5
2-Fluorophenol
Concen: 131.786 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:112 Resp: 539922

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	30.6	23.7	35.5



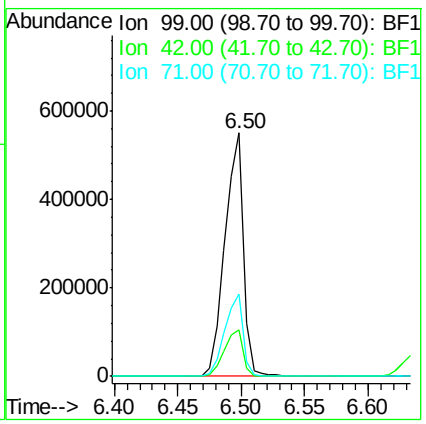


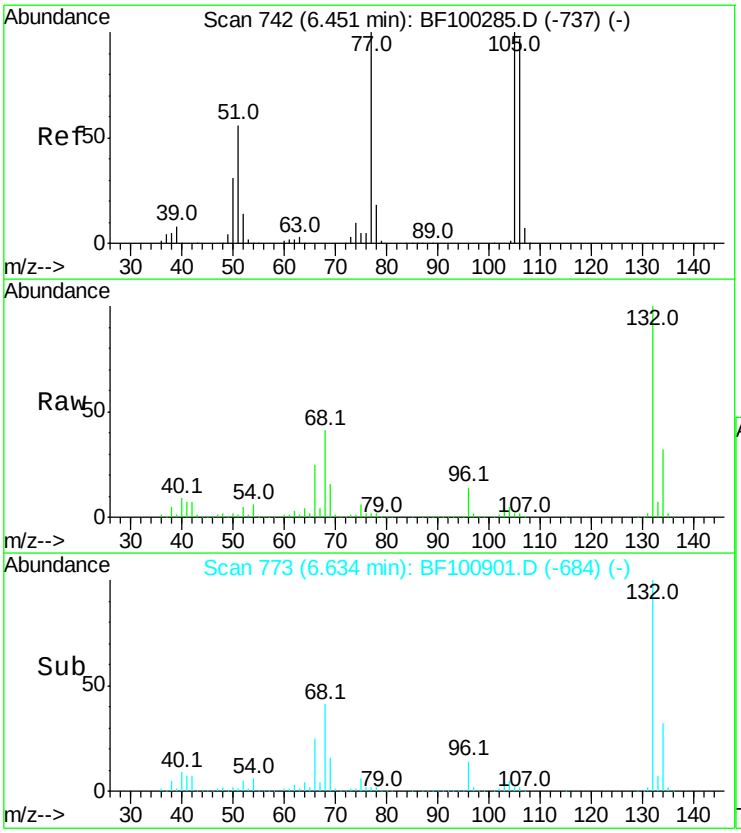
#7
Phenol-d6
Concen: 109.637 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 553899

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.8	25.4	38.0

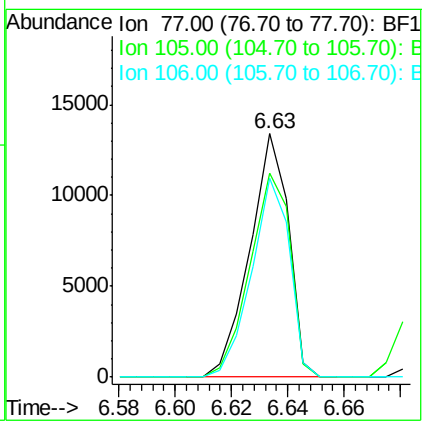


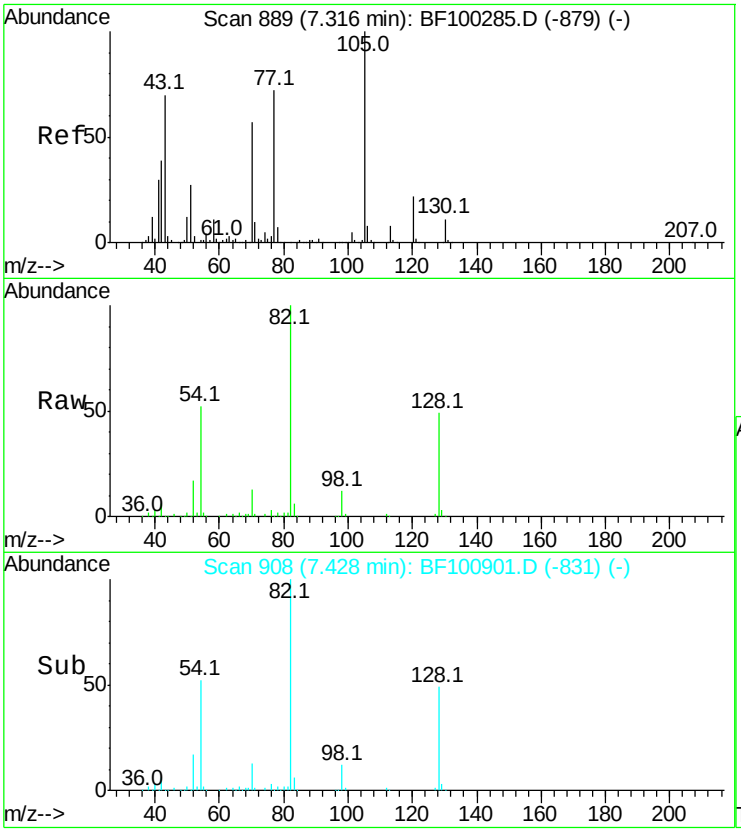


#9
Benzaldehyde
Concen: 3.539 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.22 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion: 77 Resp: 12770

Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	81.6	74.5	114.5



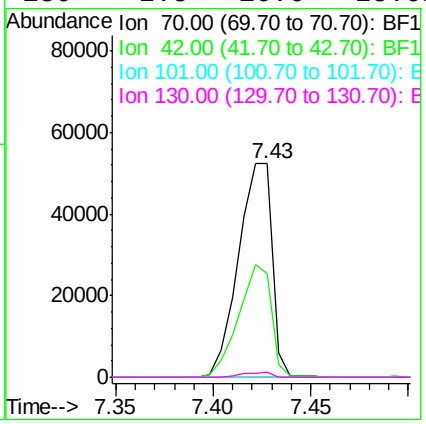


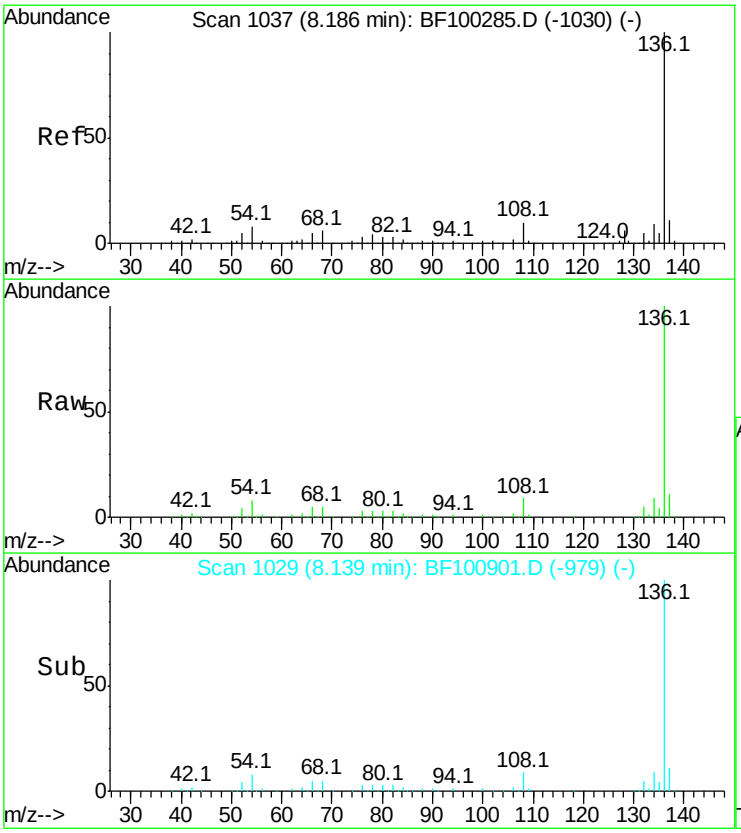
#19
n-Nitroso-di-n-propylamine
Concen: 17.940 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 62854

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

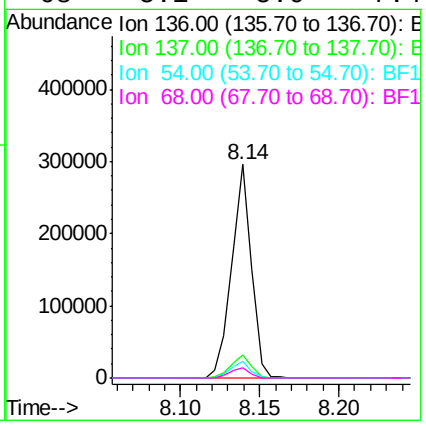


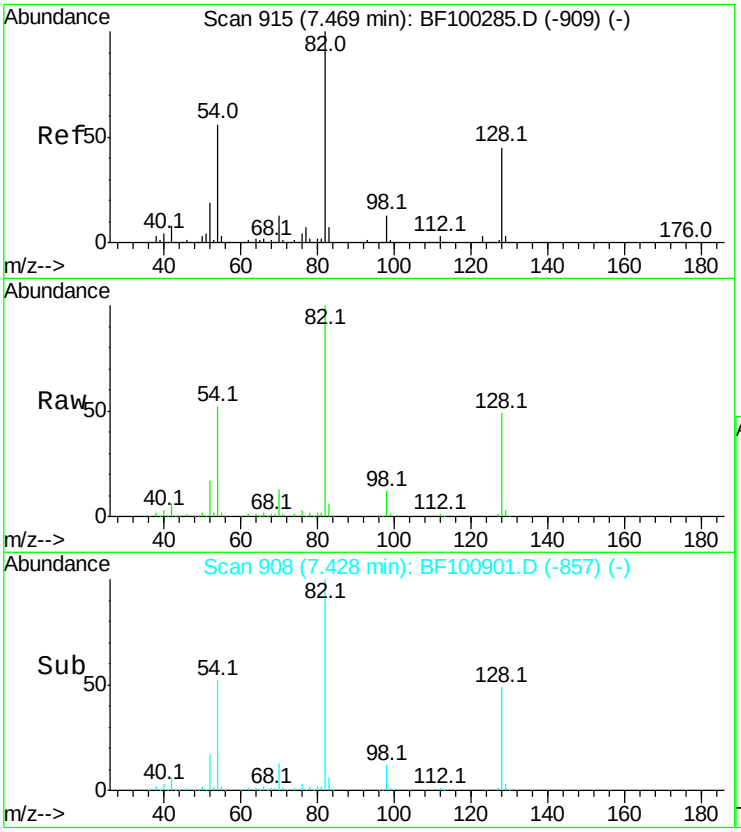


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:136 Resp: 255952

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.1	5.0	7.4



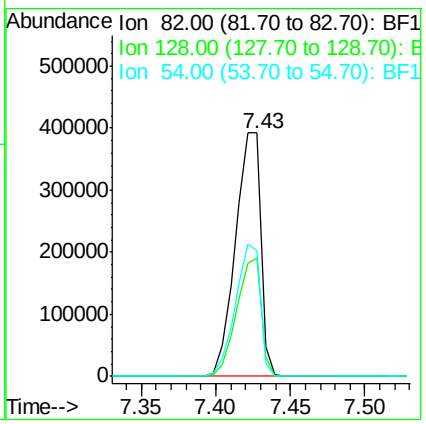


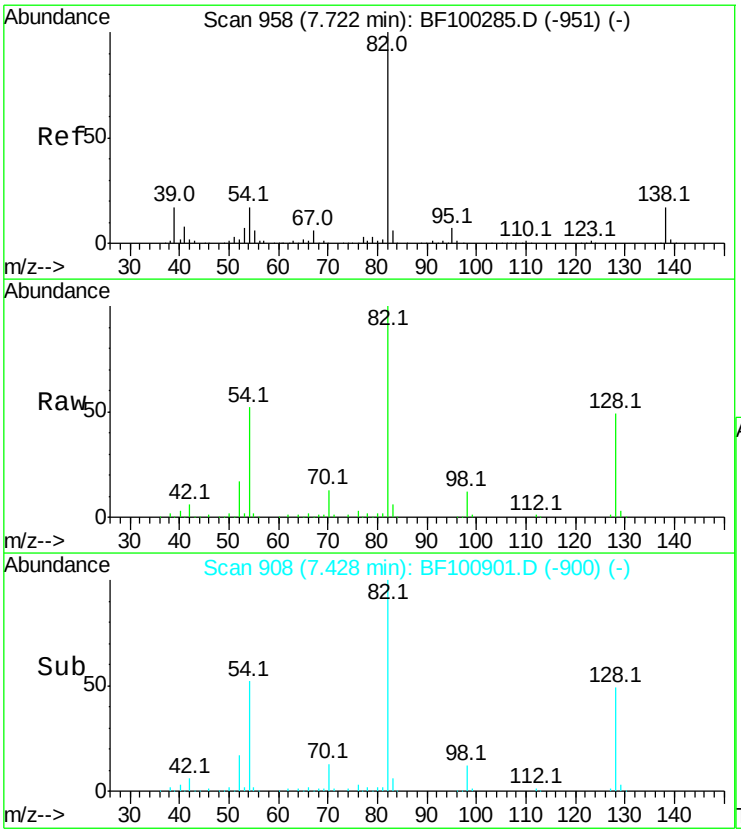
#23
Nitrobenzene-d5
Concen: 120.448 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 466304

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	51.6	41.4	62.2

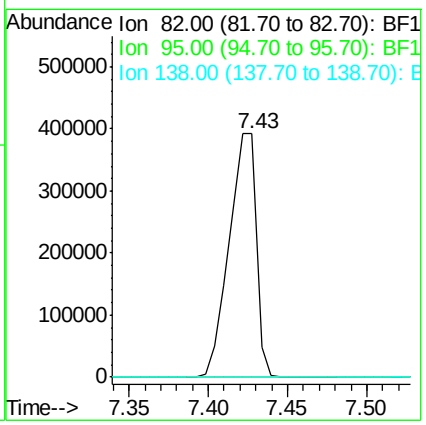


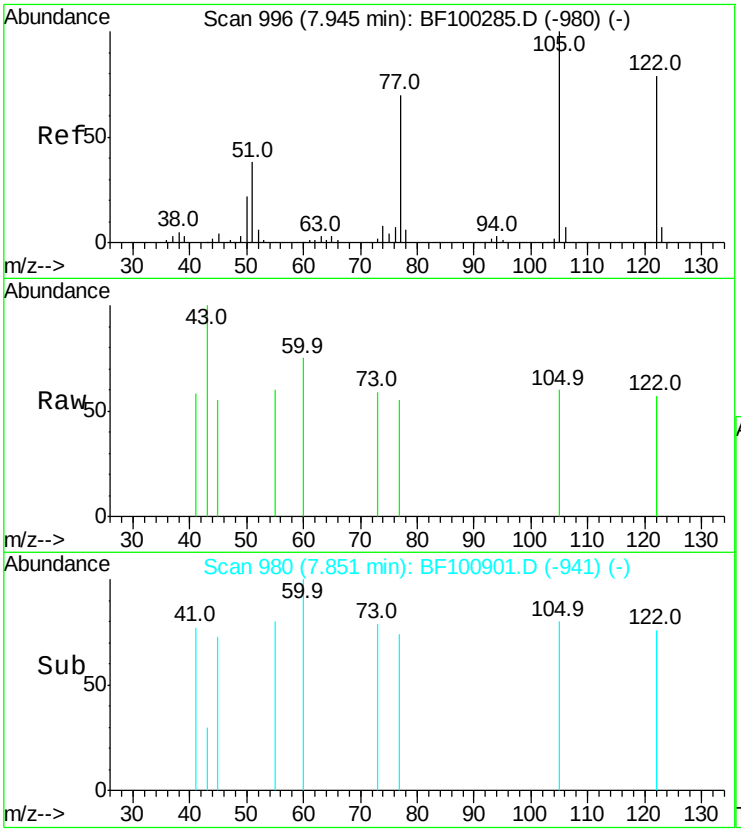


#25
Isophorone
Concen: 57.317 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion: 82 Resp: 466299

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



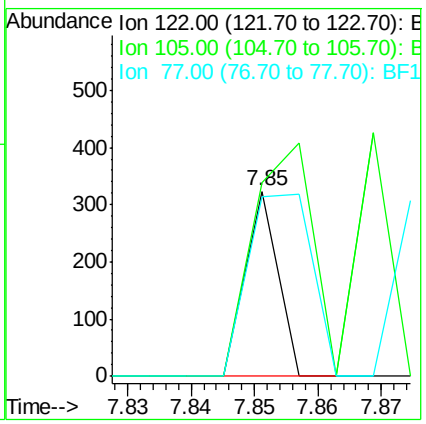


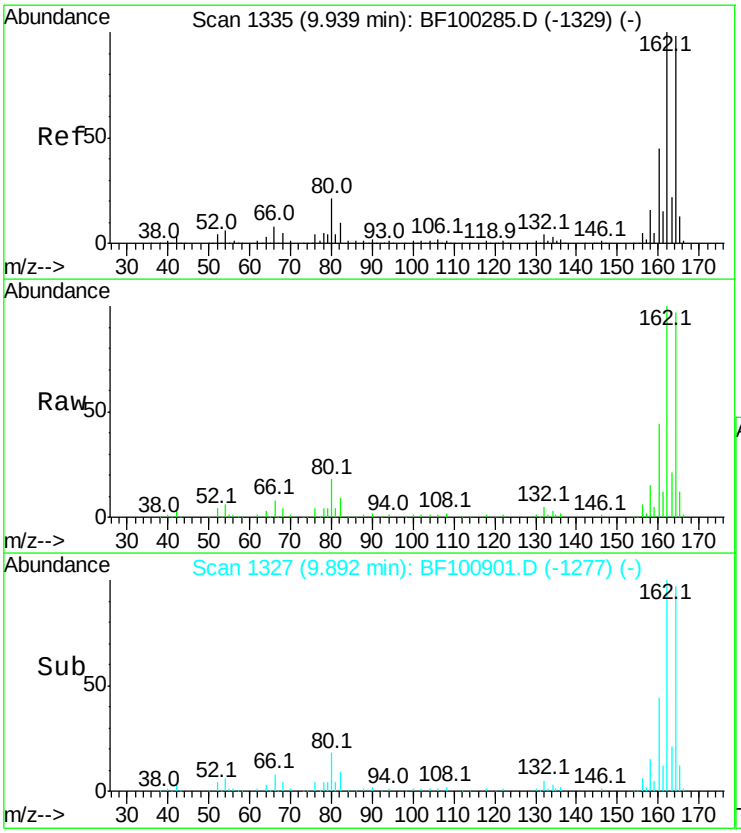
#32
Benzoic acid
Concen: 9.404 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.07 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	104.6	101.1	141.1
77	96.9	70.7	110.7

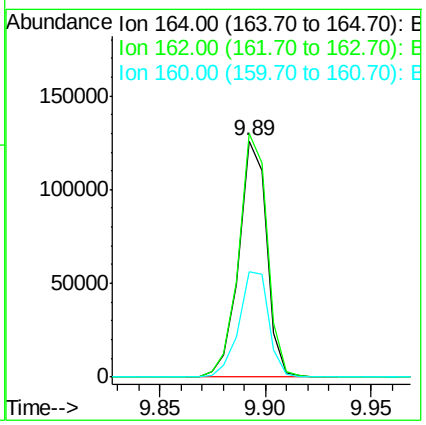


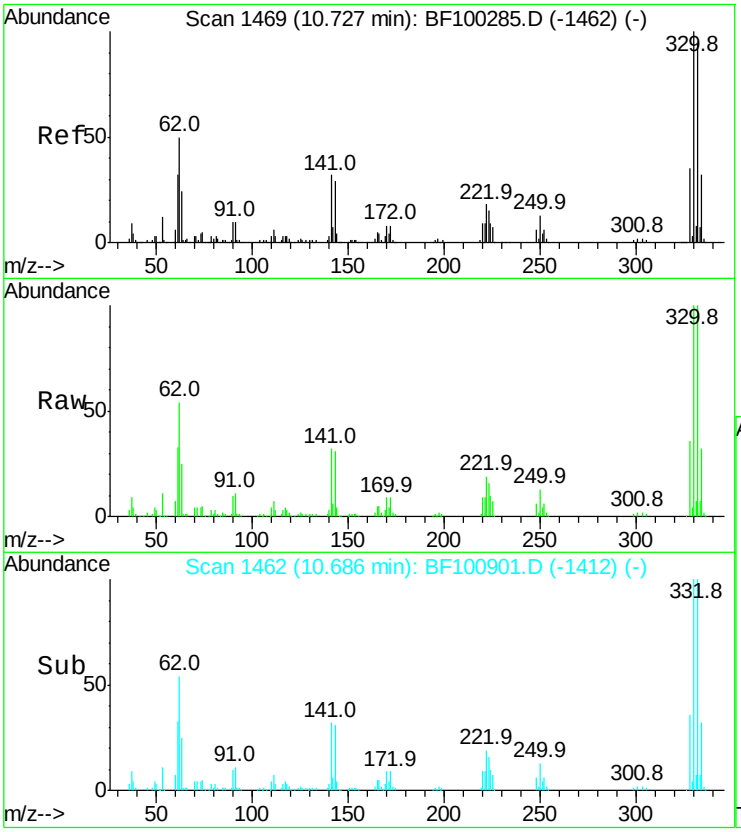


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:164 Resp: 115356

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	44.9	38.3	57.5



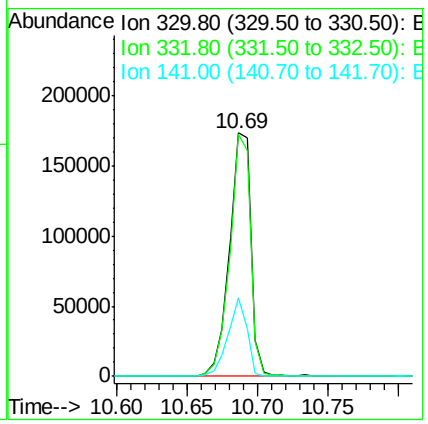


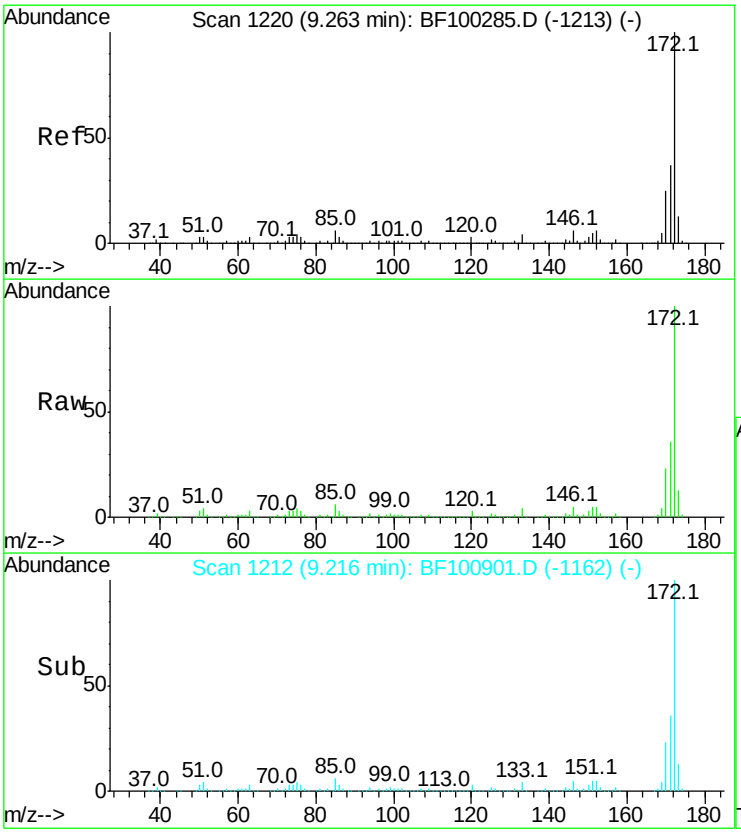
#41
2,4,6-Tribromophenol
Concen: 156.438 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 183890

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.9	29.9	44.9#

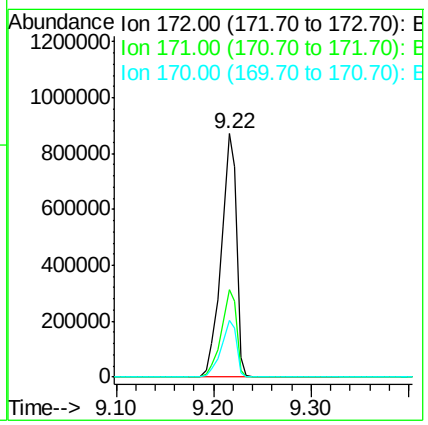


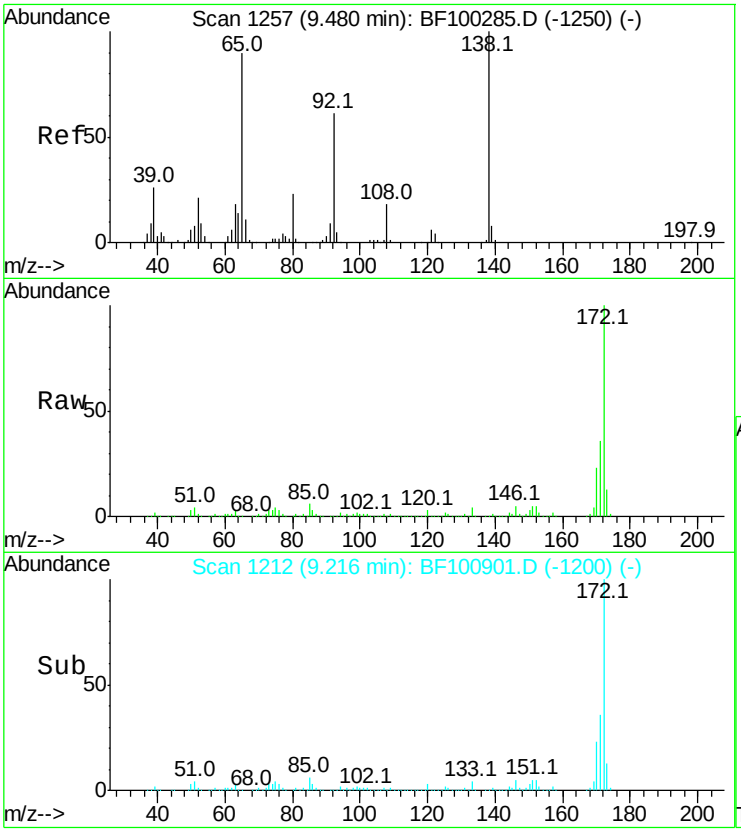


#44
2-Fluorobiphenyl
Concen: 125.216 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:172 Resp: 948601

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4



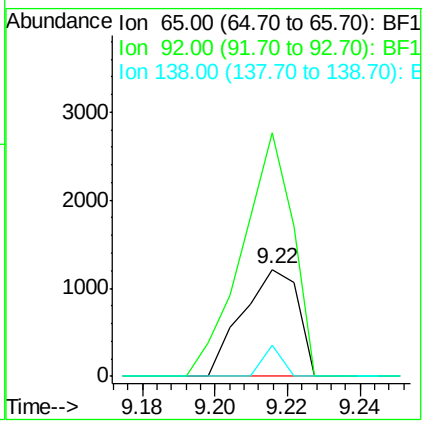


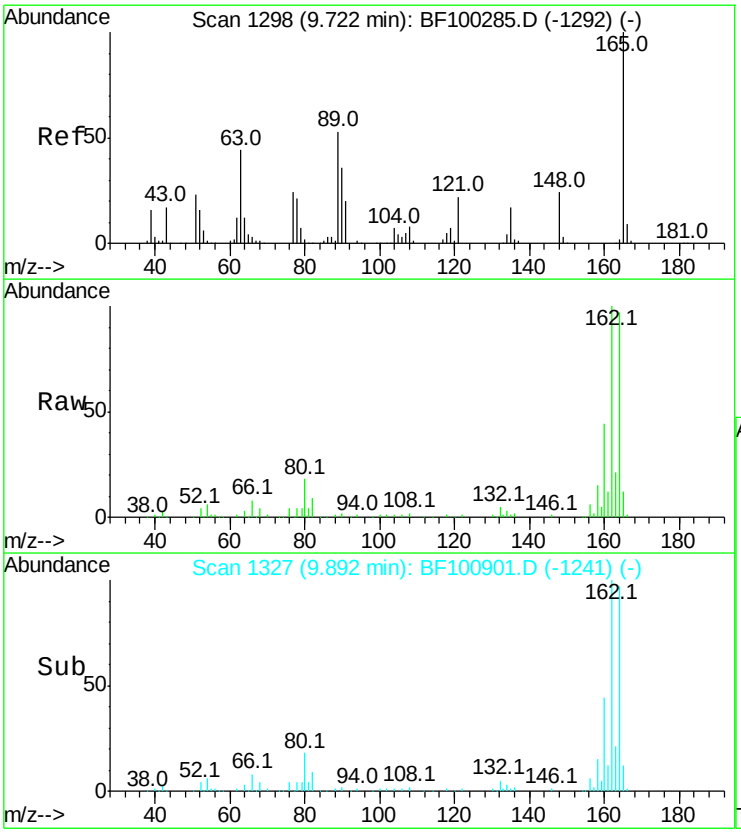
#47
2-Nitroaniline
Concen: 3.350 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.23 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1286

Ion	Ratio	Lower	Upper
65	100		
92	228.3	55.8	83.6#
138	29.6	91.2	136.8#

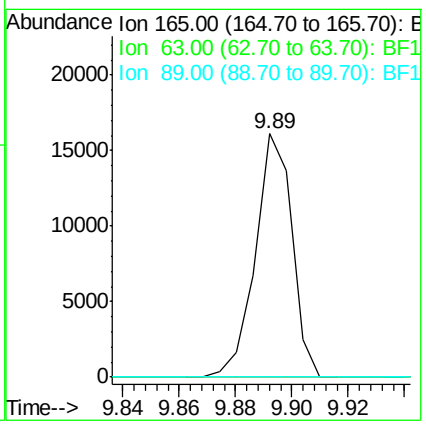


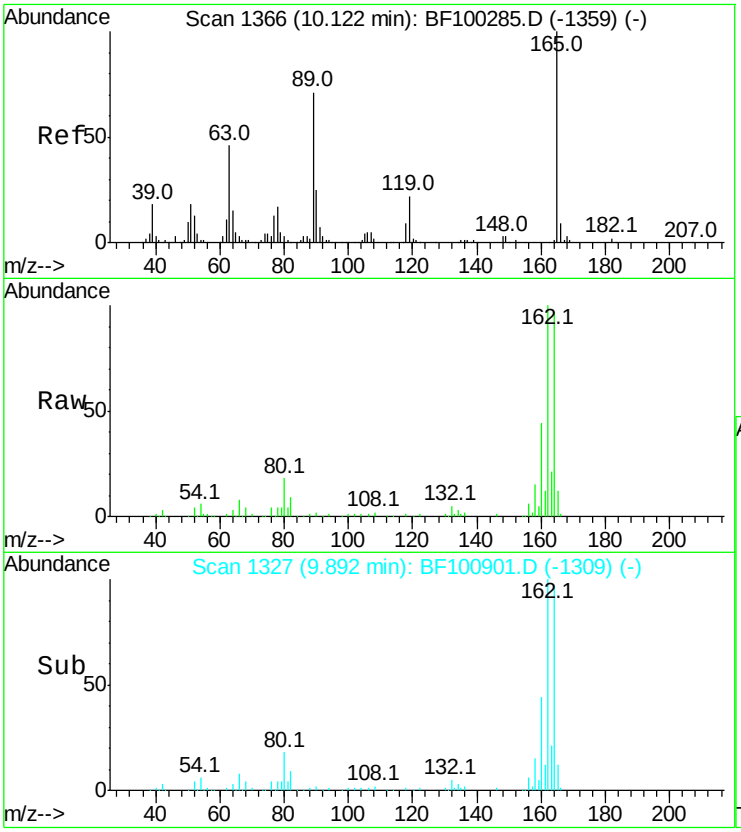


#50
2,6-Dinitrotoluene
Concen: 8.298 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:165 Resp: 14467

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



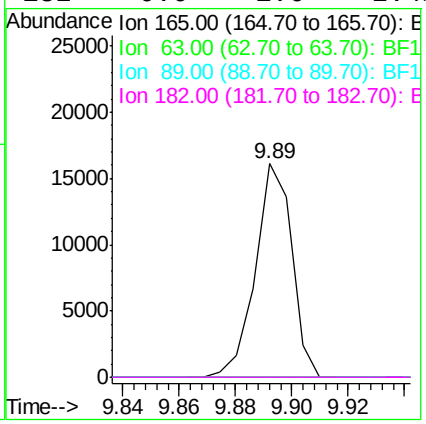


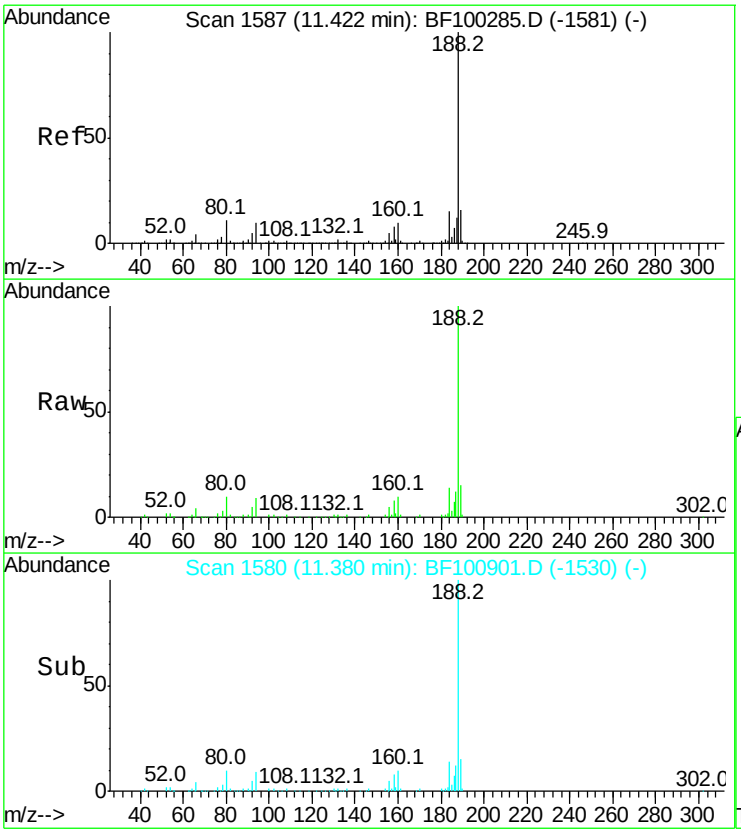
#56
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14467

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

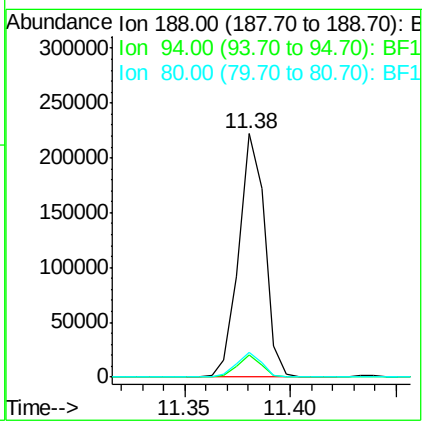


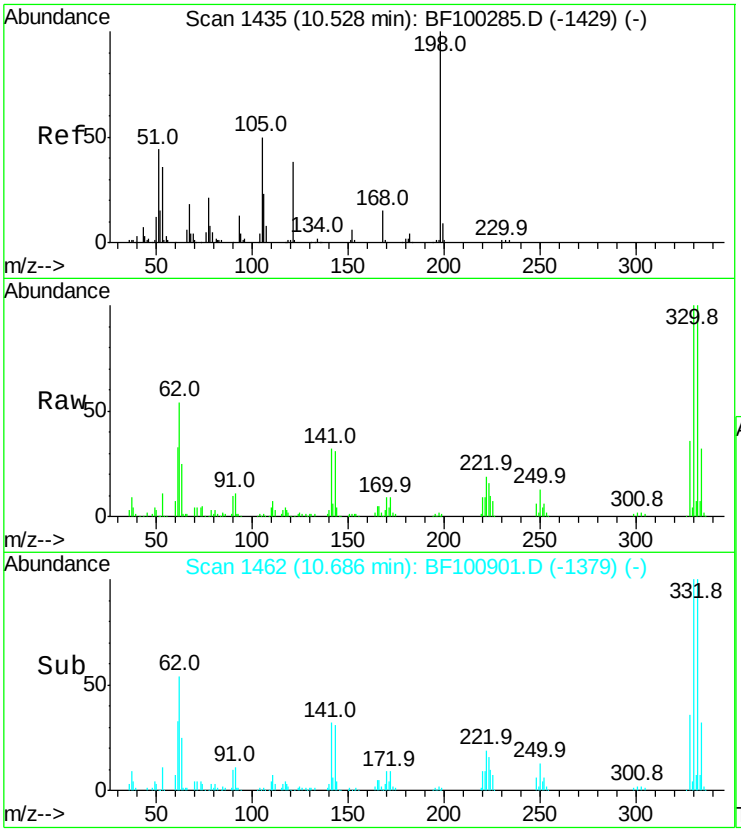


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:188 Resp: 189486

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8



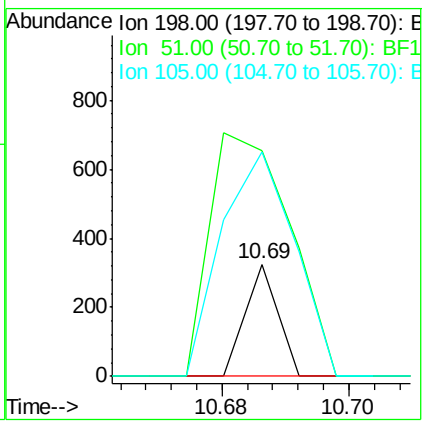


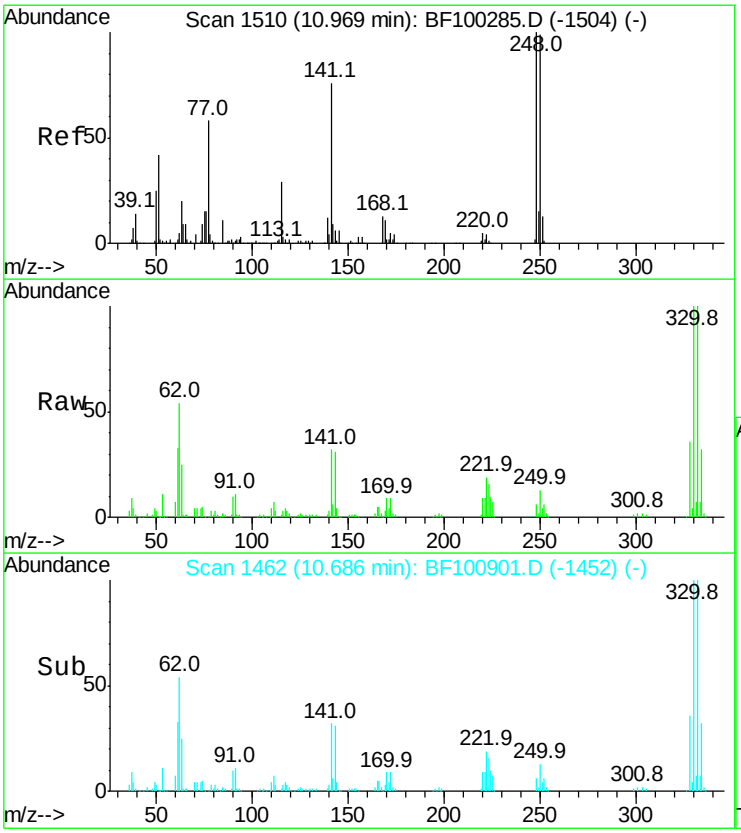
#64
4,6-Dinitro-2-methylphenol
Concen: 8.668 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 114

Ion	Ratio	Lower	Upper
198	100		
51	202.5	37.7	77.7#
105	201.2	36.3	76.3#

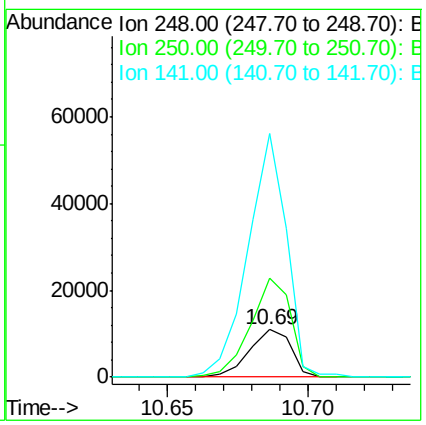


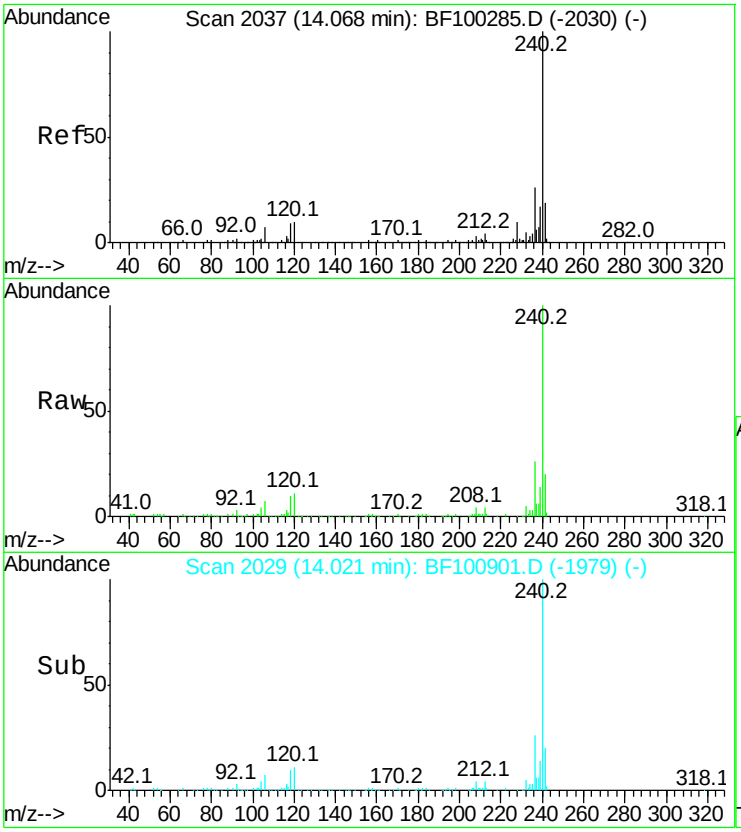


#66
4-Bromophenyl-phenylether
Concen: 5.552 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:248 Resp: 11278

Ion	Ratio	Lower	Upper
248	100		
250	209.0	76.9	115.3#
141	512.2	74.4	111.6#



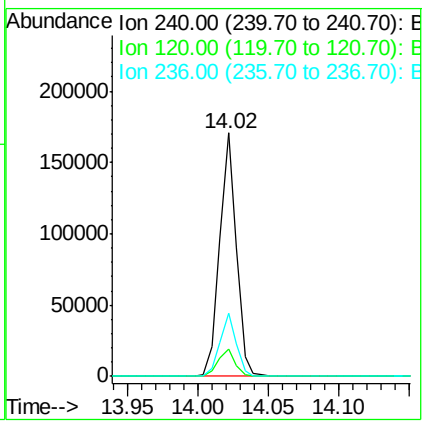


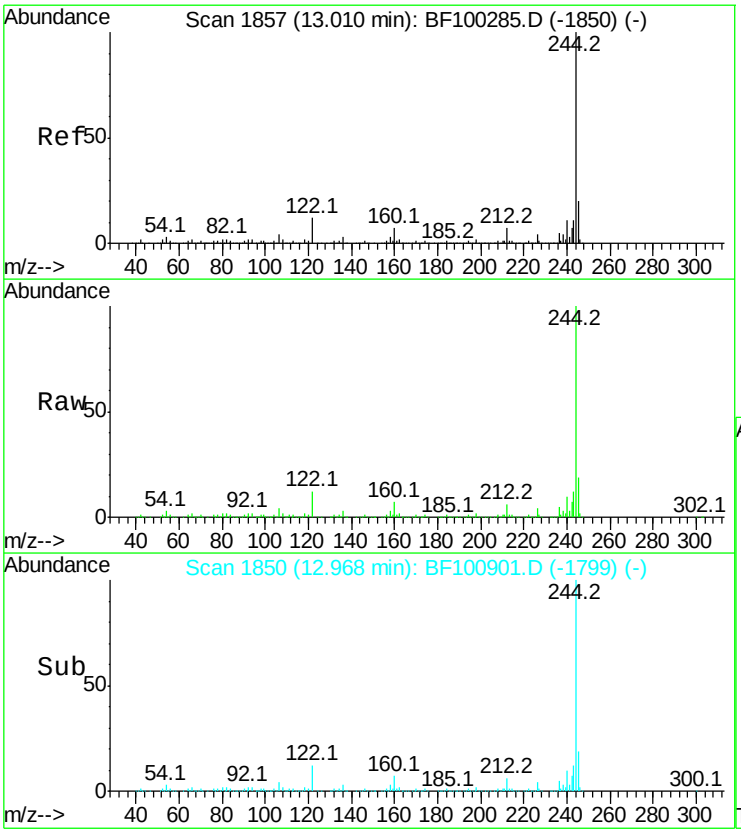
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 141469

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.0	20.7	31.1

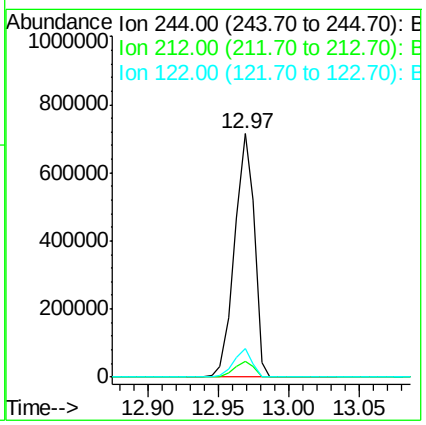


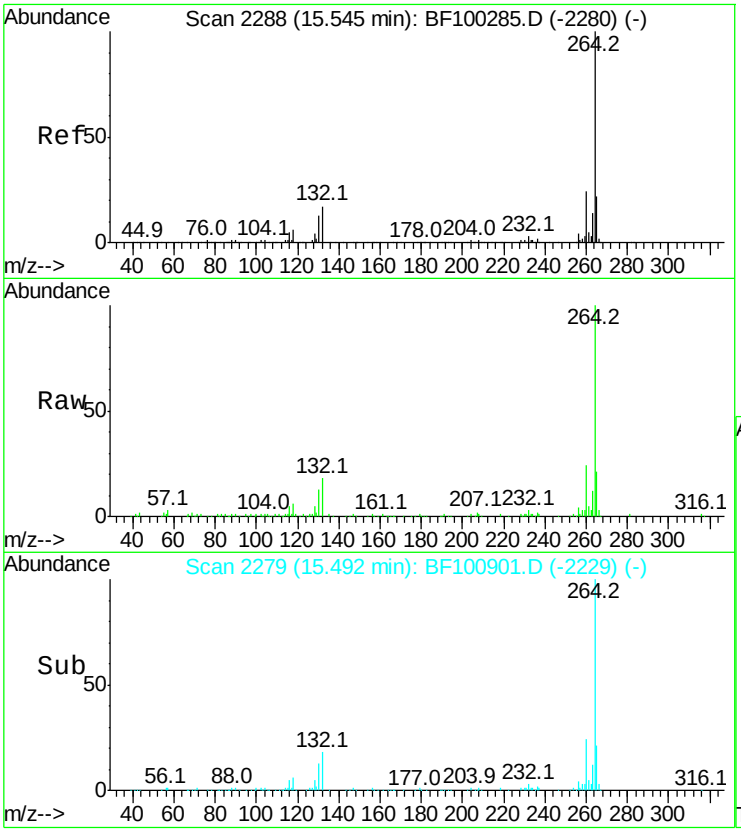


#78
Terphenyl-d14
Concen: 112.500 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Tgt Ion:244 Resp: 692656

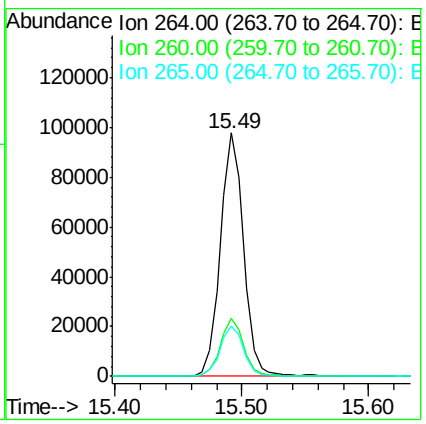
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100901.D
Acq: 27 Nov 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 123773

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3