Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100910.D
Acq On : 28 Nov 2017 00:13
Operator : SJ/JU
Sample : PB104527TB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 28 02:19:44 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	61272	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	241907	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	114863	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	211431	20.00	ng		0.00
75) Chrysene-d12	14.02	240	146333	20.00	ng		0.00
86) Perylene-d12	15.49	264	122082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	467871	122.40	ng		0.01
7) Phenol-d6	6.49	99	557656	118.31	ng		0.00
23) Nitrobenzene-d5	7.42	82	348617	95.28	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	148473	126.85	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	735141	97.46	ng		0.00
78) Terphenyl-d14	12.97	244	648642	101.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	10015	2.975	ng		84
19) n-Nitroso-di-n-propylamine	7.42	70	44272	13.544	ng	#	80
25) Isophorone	7.42	82	348609	45.338	ng	#	64
47) 2-Nitroaniline	9.21	65	854	3.162	ng	#	1
50) 2,6-Dinitrotoluene	9.89	165	14845	8.551	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	14845	6.779	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.69	198	122	8.664	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	8939	3.944	ng	#	1

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

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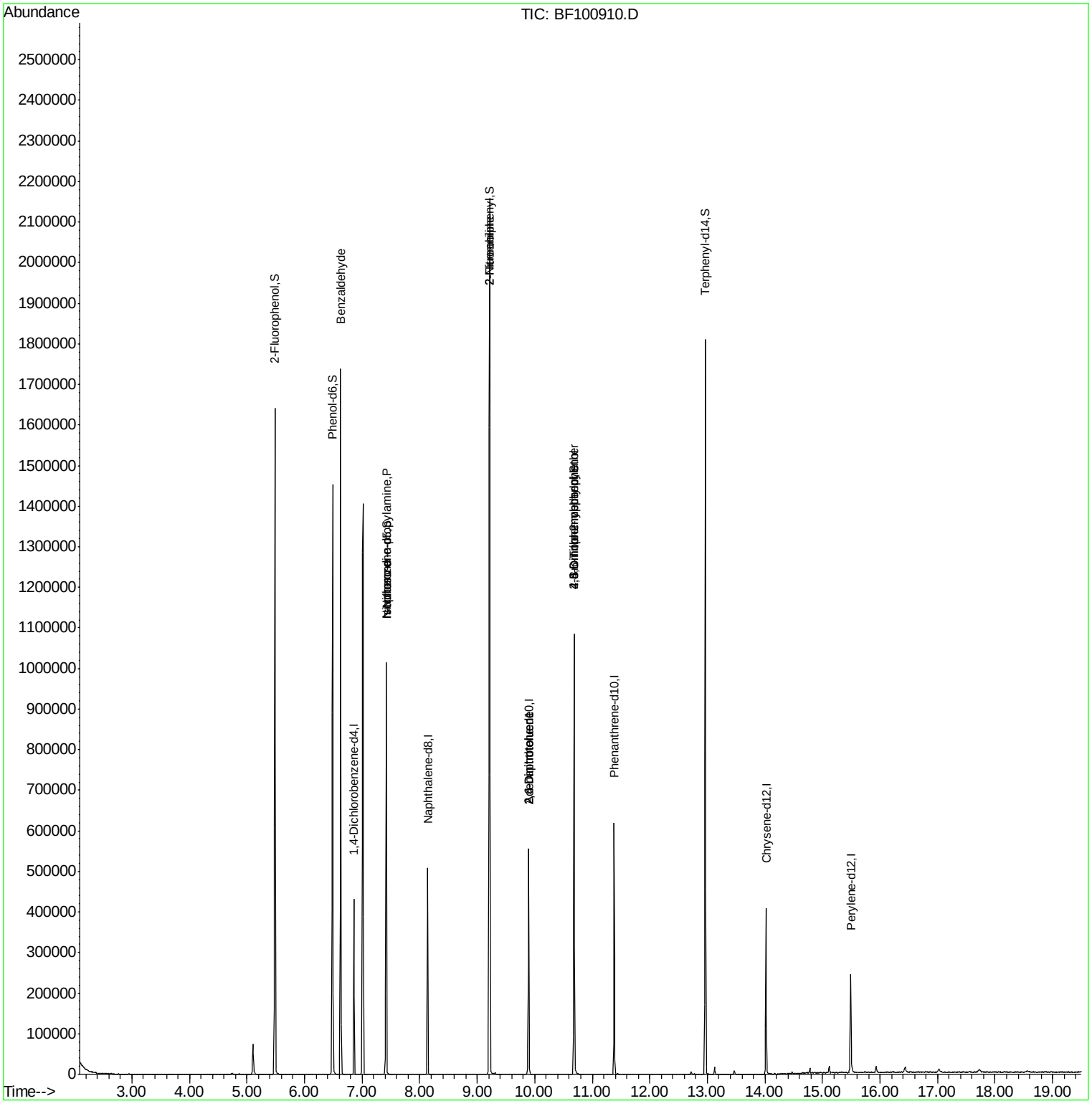
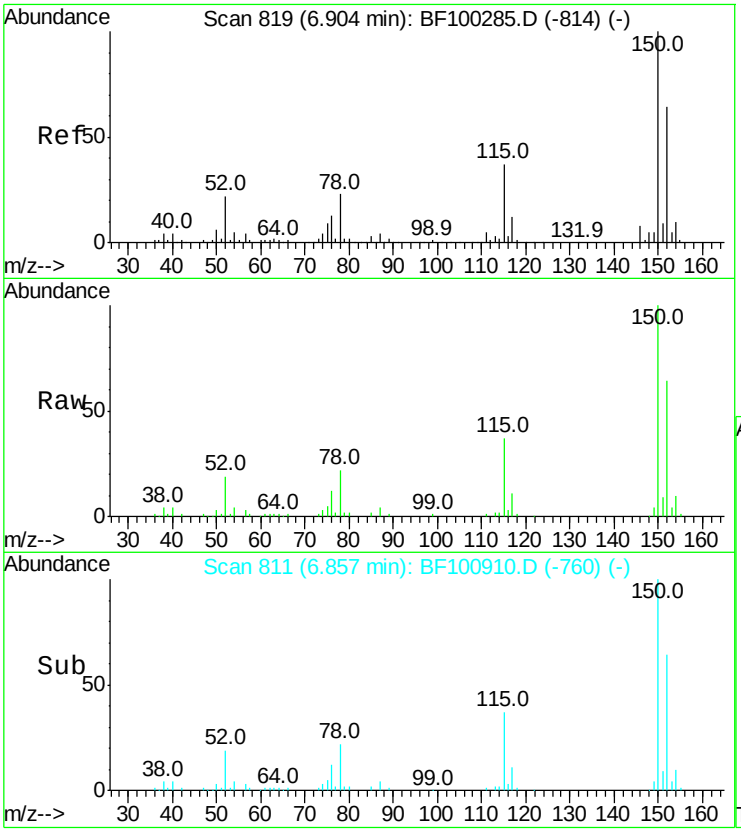


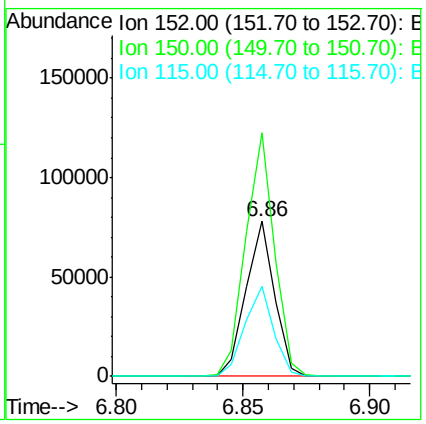


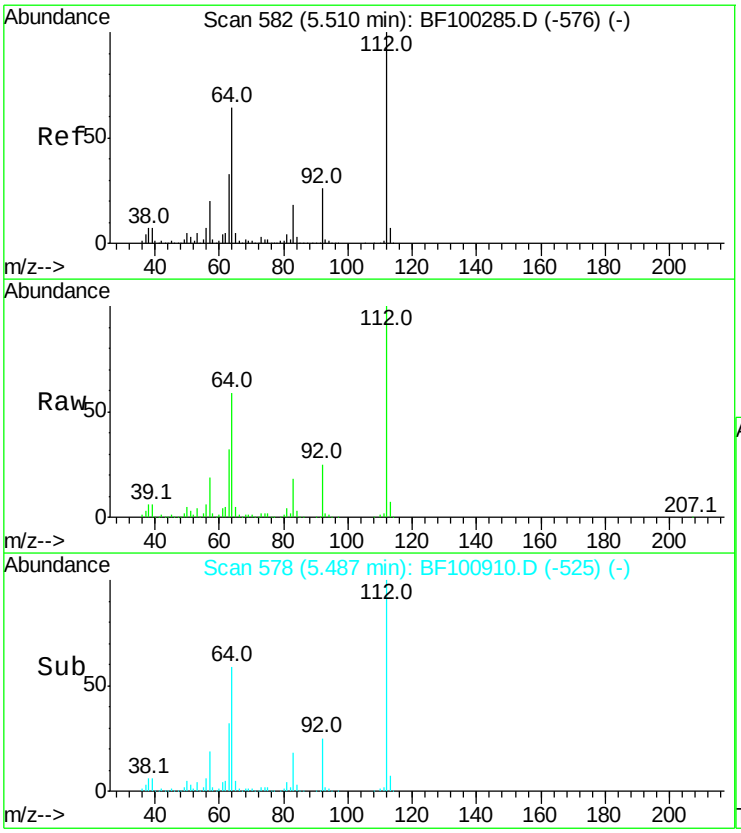
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61272

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	57.8	50.1	75.1

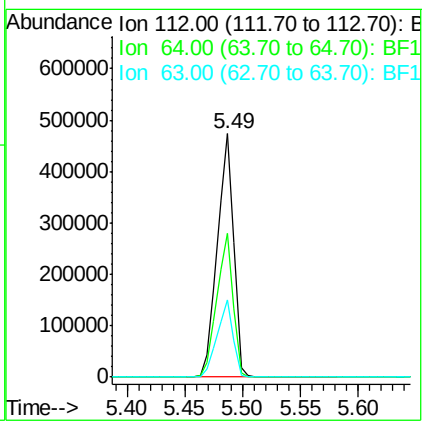


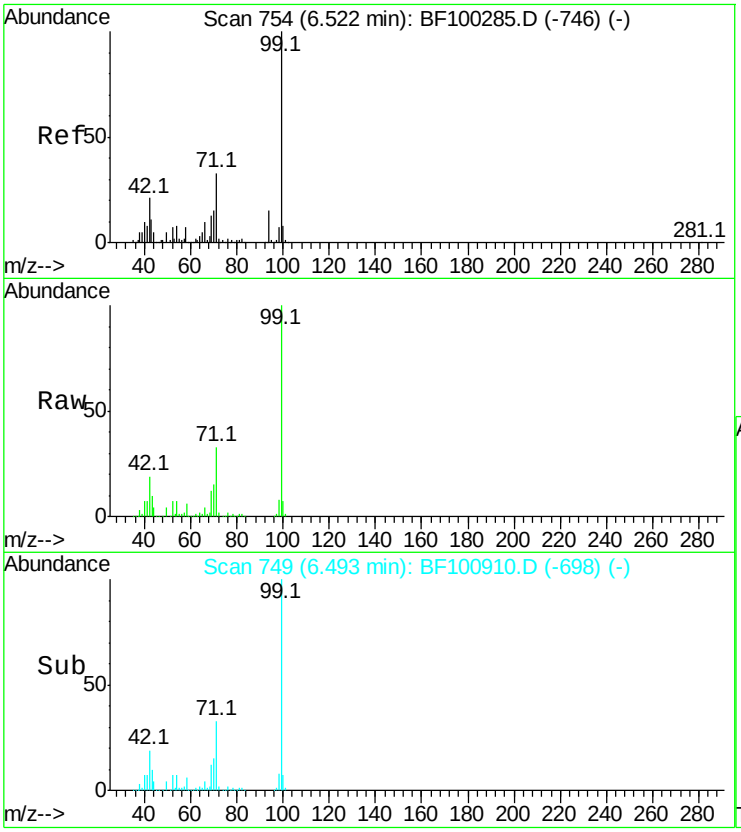


#5
2-Fluorophenol
Concen: 122.404 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:112 Resp: 467871

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.5	23.7	35.5



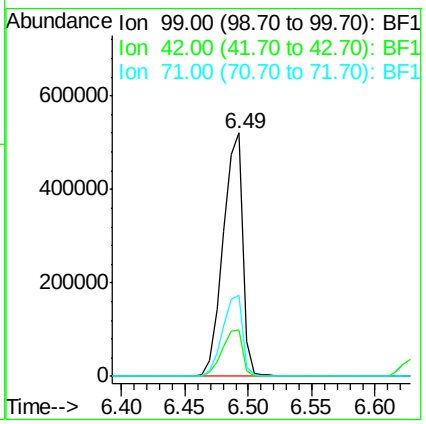


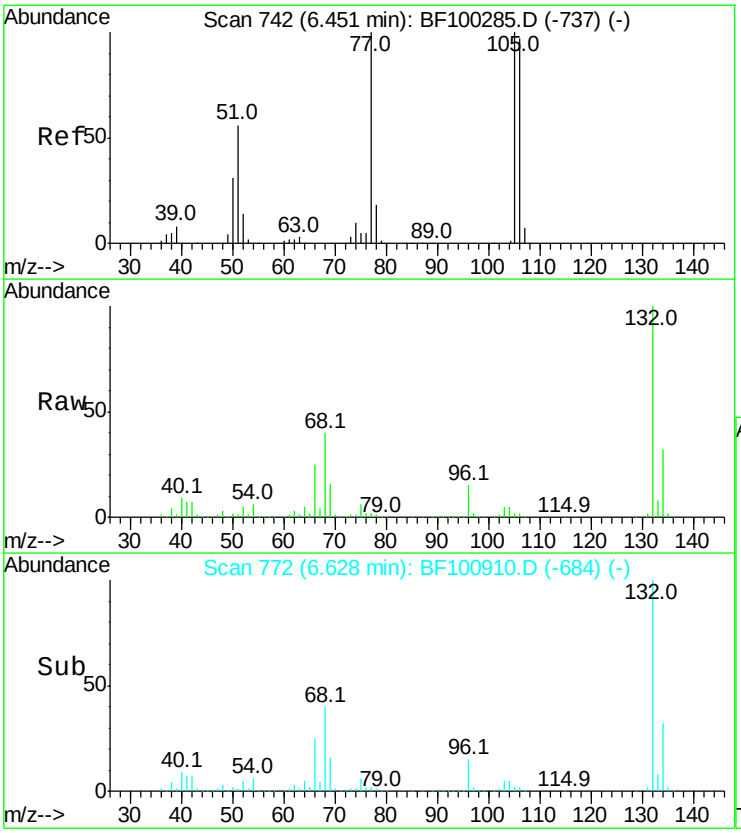
#7
Phenol-d6
Concen: 118.311 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 557656

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.1	25.4	38.0

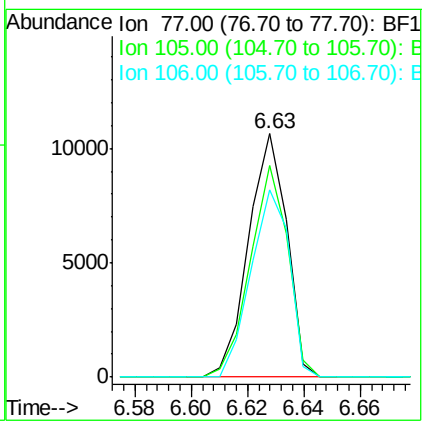


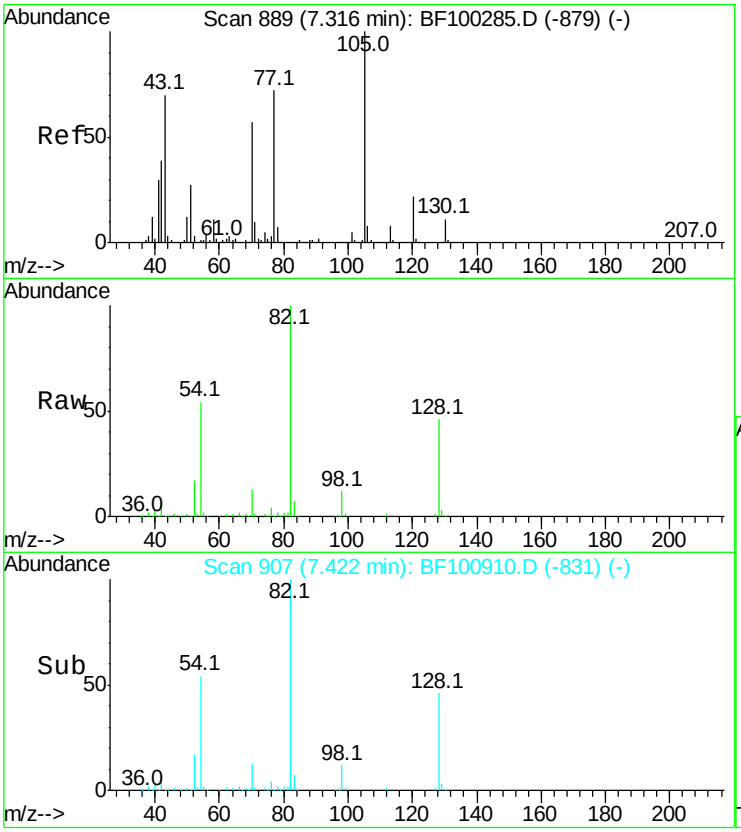


#9
Benzaldehyde
Concen: 2.975 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion: 77 Resp: 10015

Ion	Ratio	Lower	Upper
77	100		
105	86.8	81.1	121.1
106	76.9	74.5	114.5



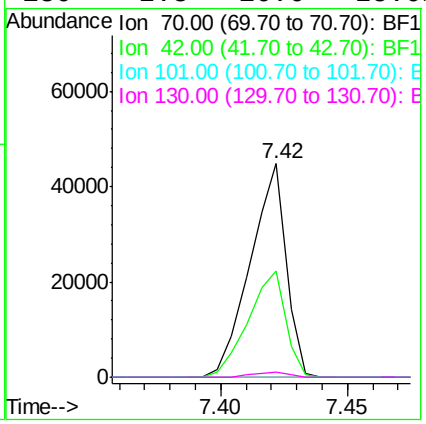


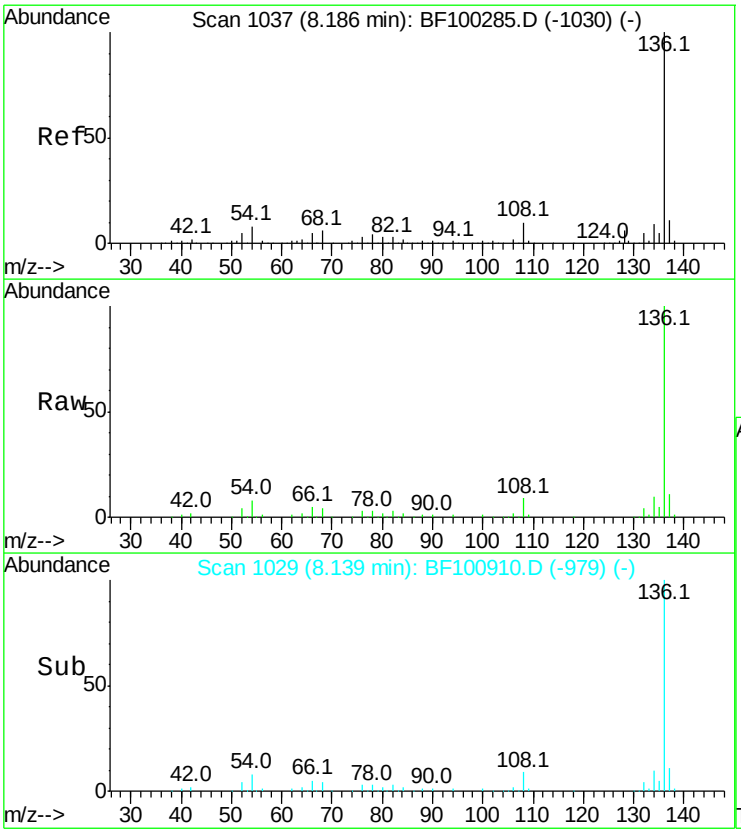
#19
n-Nitroso-di-n-propylamine
Concen: 13.544 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44272

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

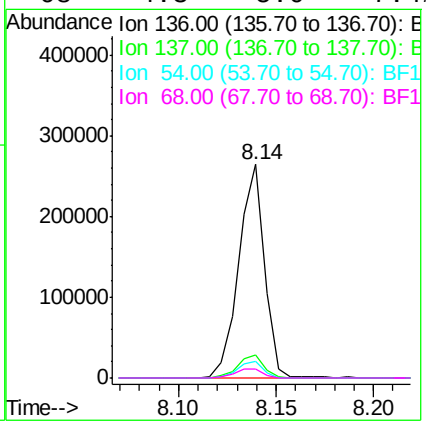


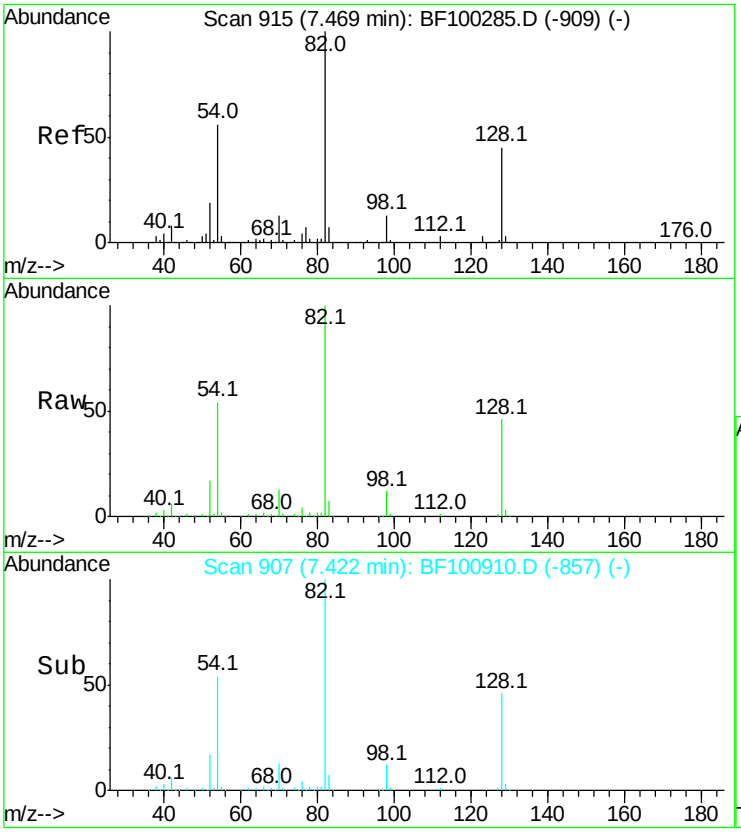


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:136 Resp: 241907

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	4.3	5.0	7.4#



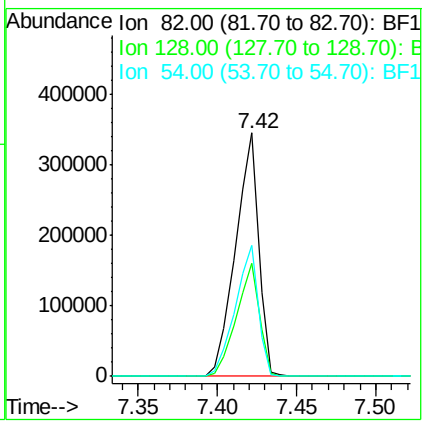


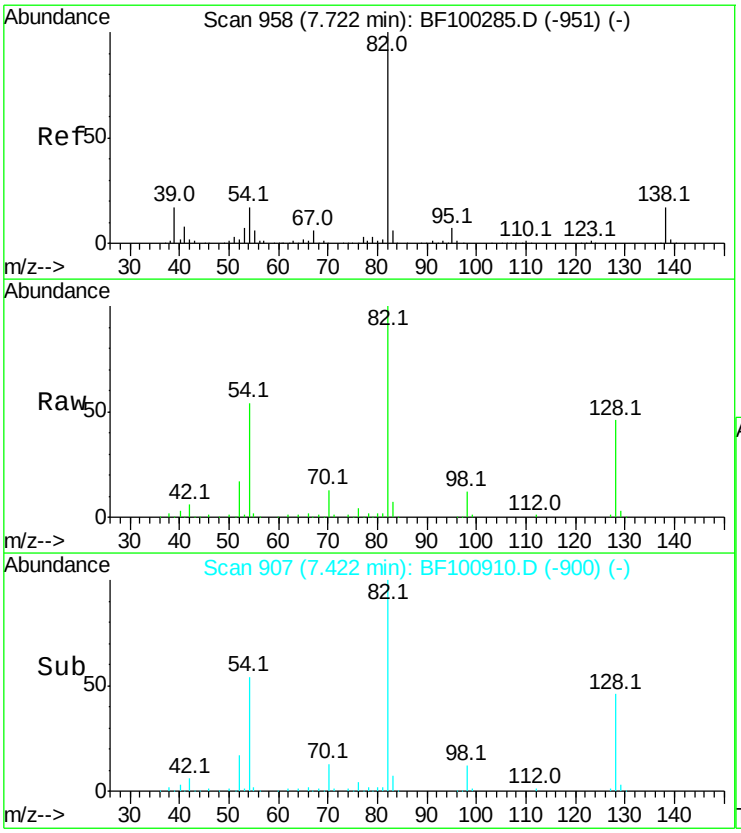
#23
Nitrobenzene-d5
Concen: 95.277 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 348617

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	54.0	41.4	62.2

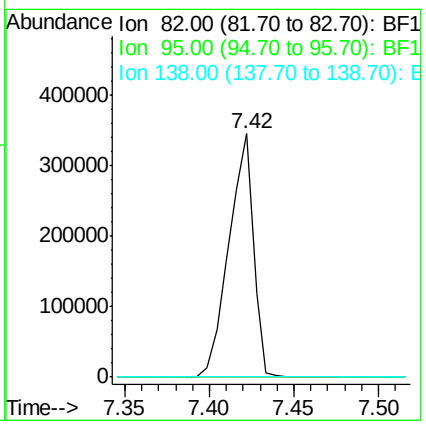


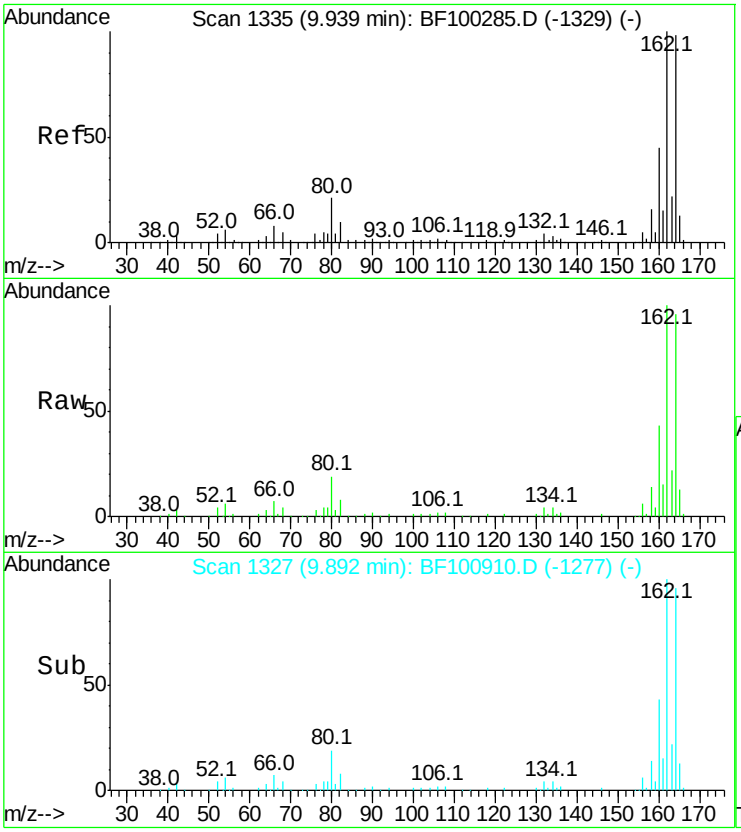


#25
Isophorone
Concen: 45.338 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion: 82 Resp: 348609

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



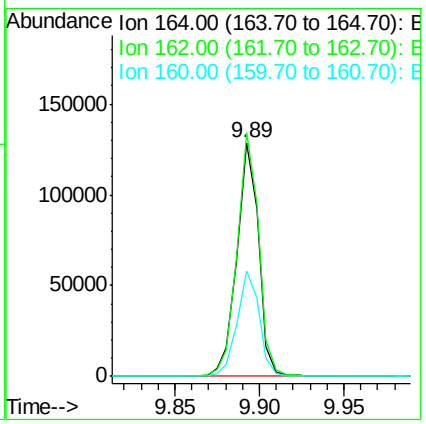


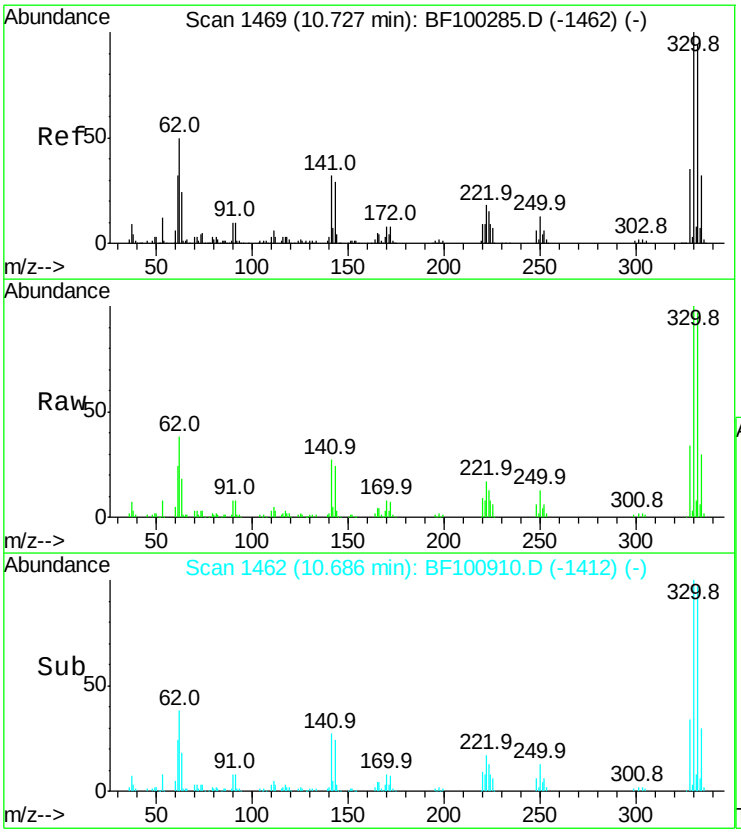
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 114863

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.0	38.3	57.5

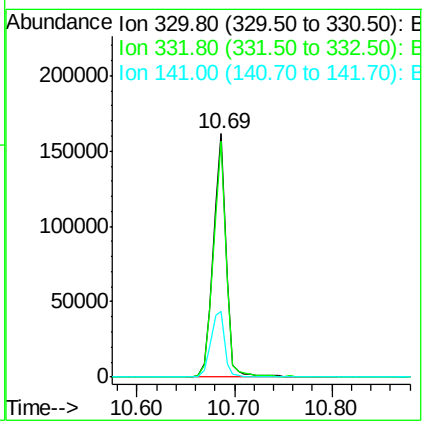


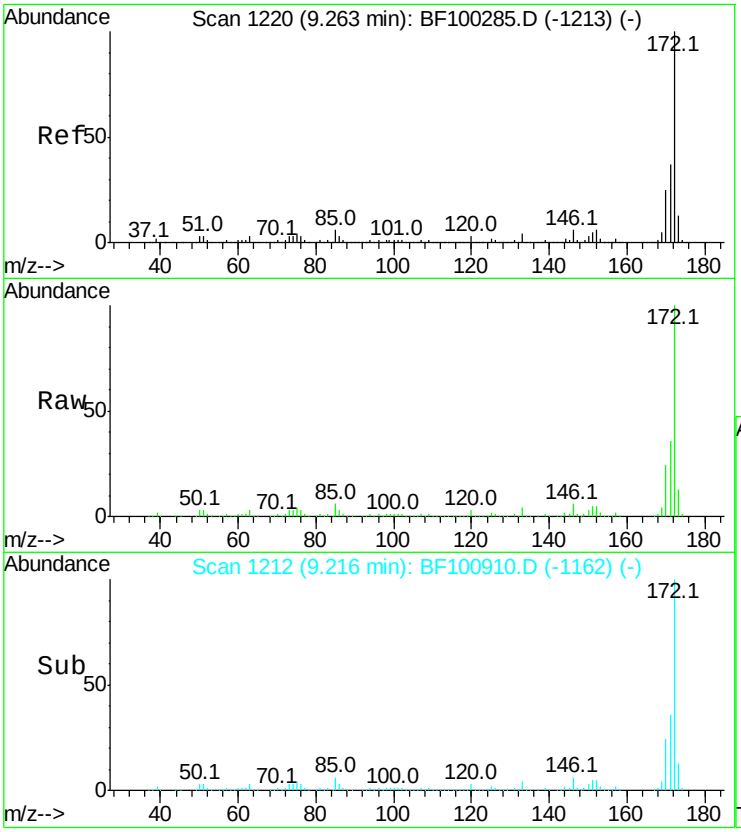


#41
2,4,6-Tribromophenol
Concen: 126.851 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:330 Resp: 148473

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.4	29.9	44.9#



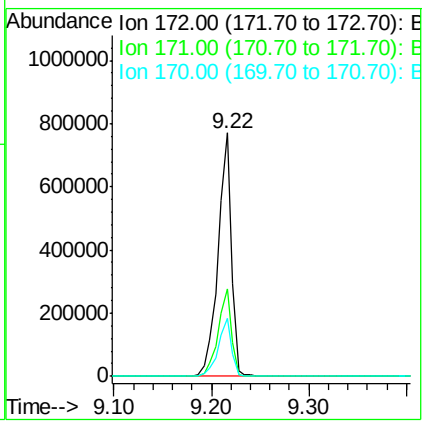


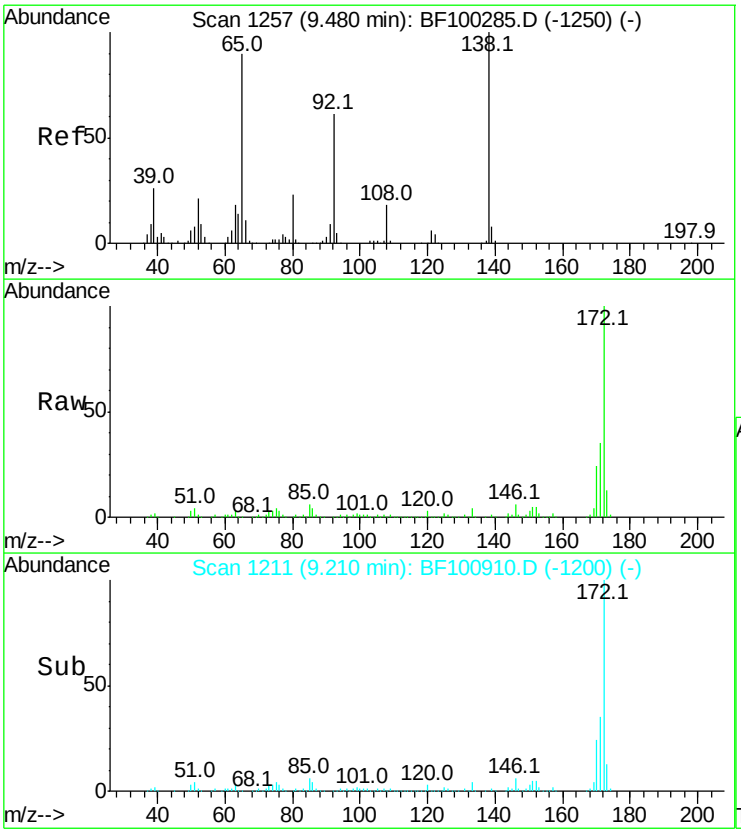
#44
2-Fluorobiphenyl
Concen: 97.456 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 735141

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

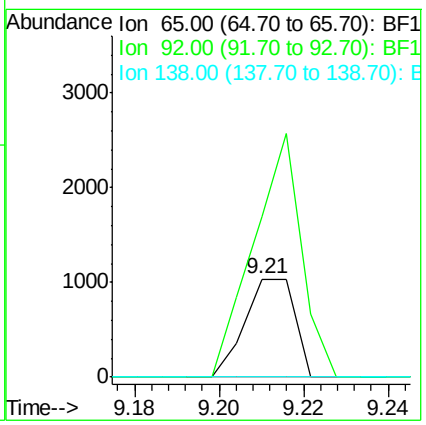


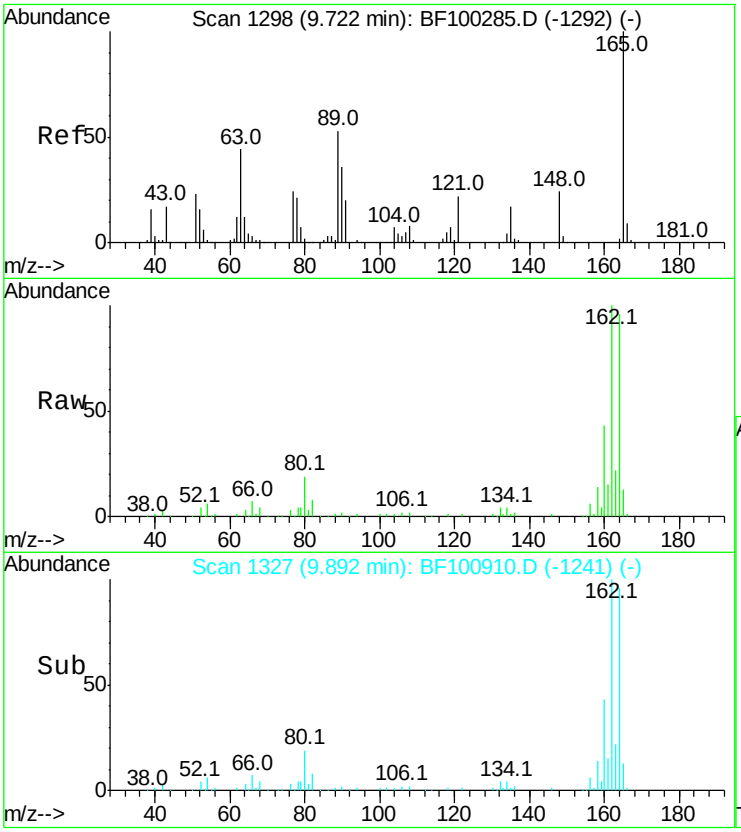


#47
2-Nitroaniline
Concen: 3.162 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.24 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion: 65 Resp: 854

Ion	Ratio	Lower	Upper
65	100		
92	163.3	55.8	83.6#
138	0.0	91.2	136.8#



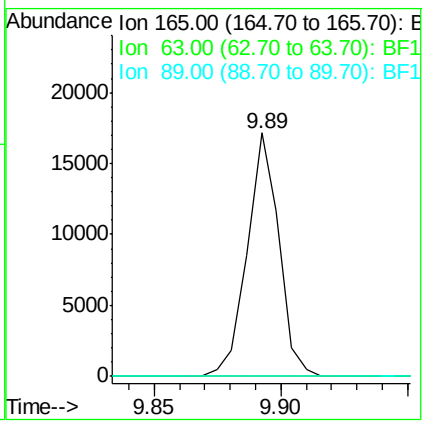


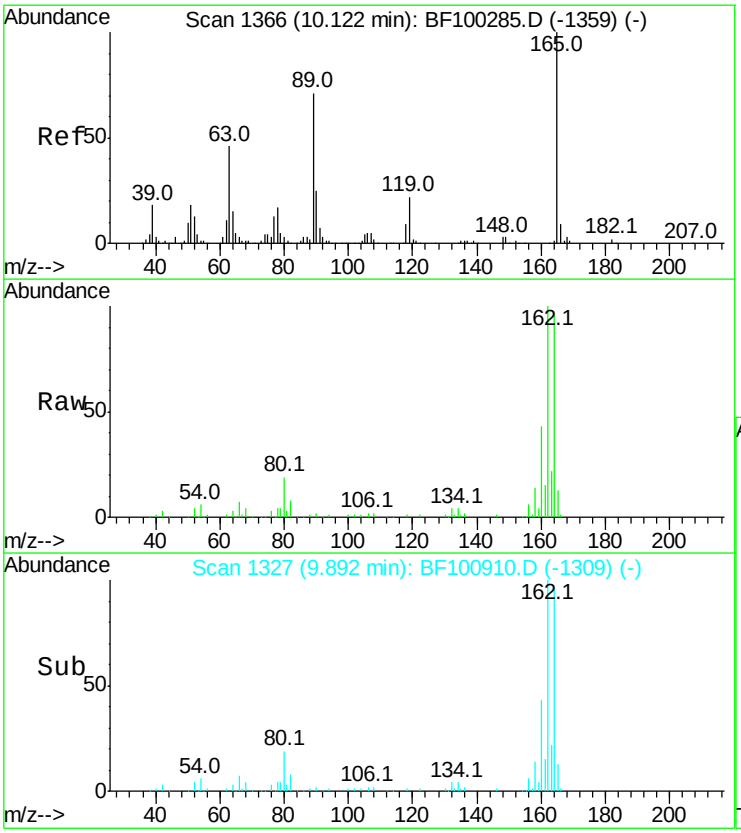
#50
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14845

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

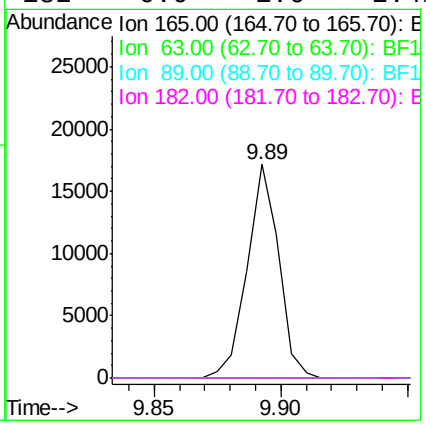


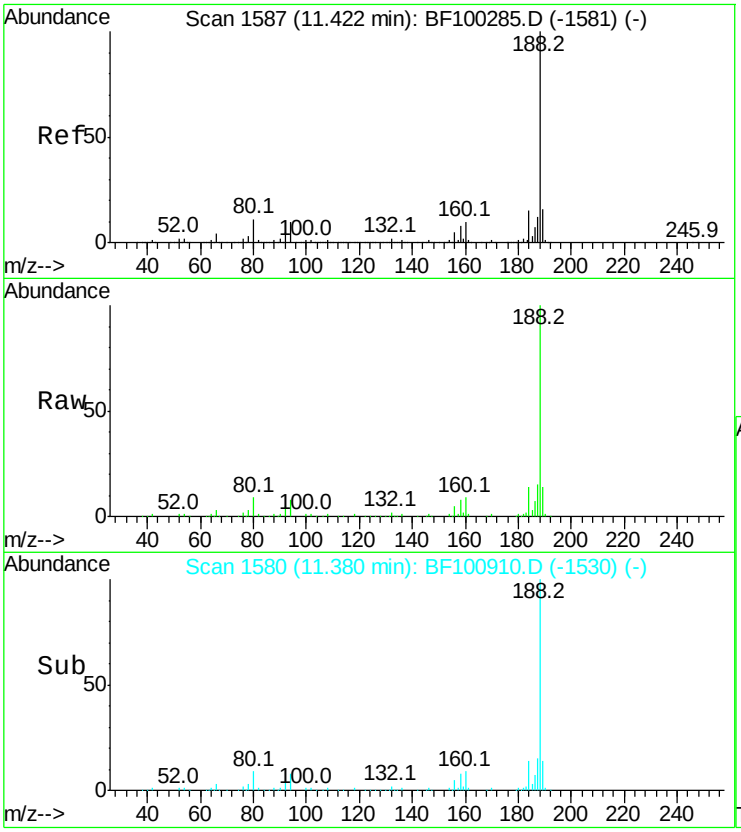


#56
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:165 Resp: 14845

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#



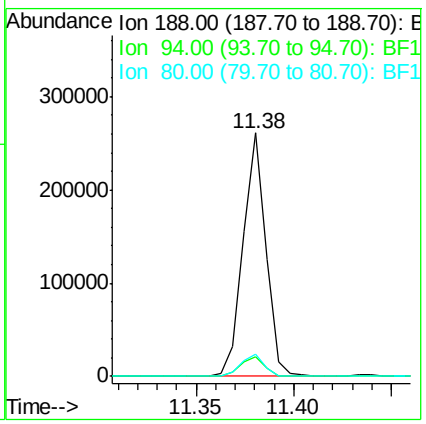


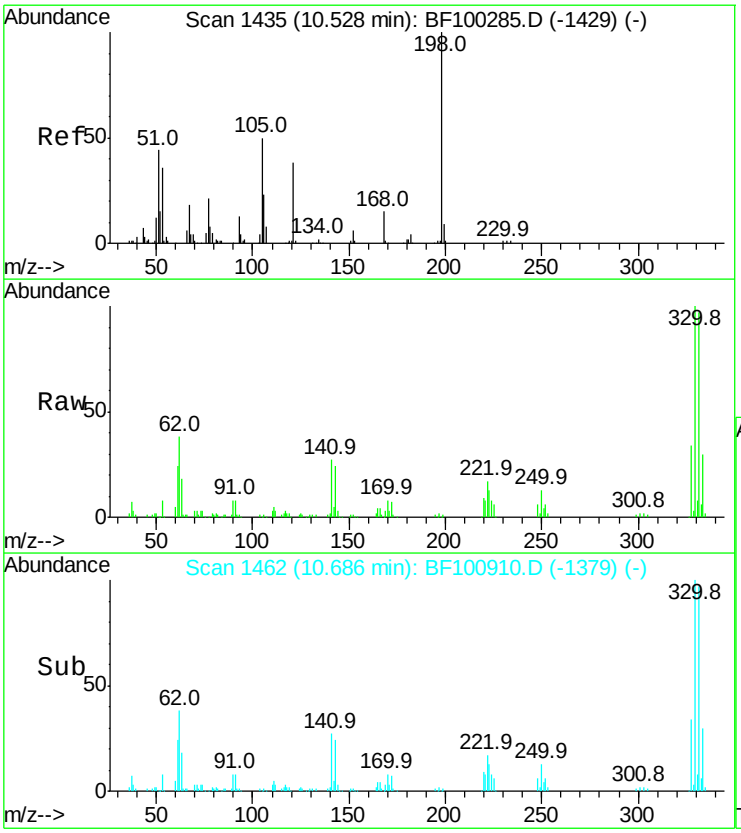
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 211431

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.0	9.2	13.8#

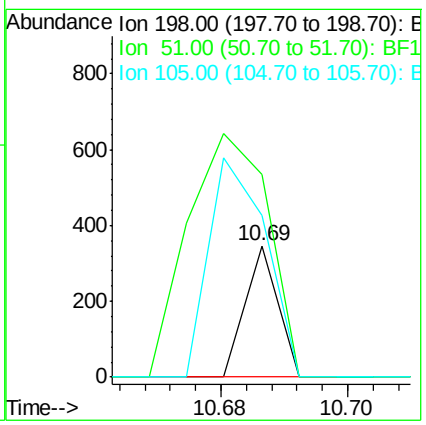


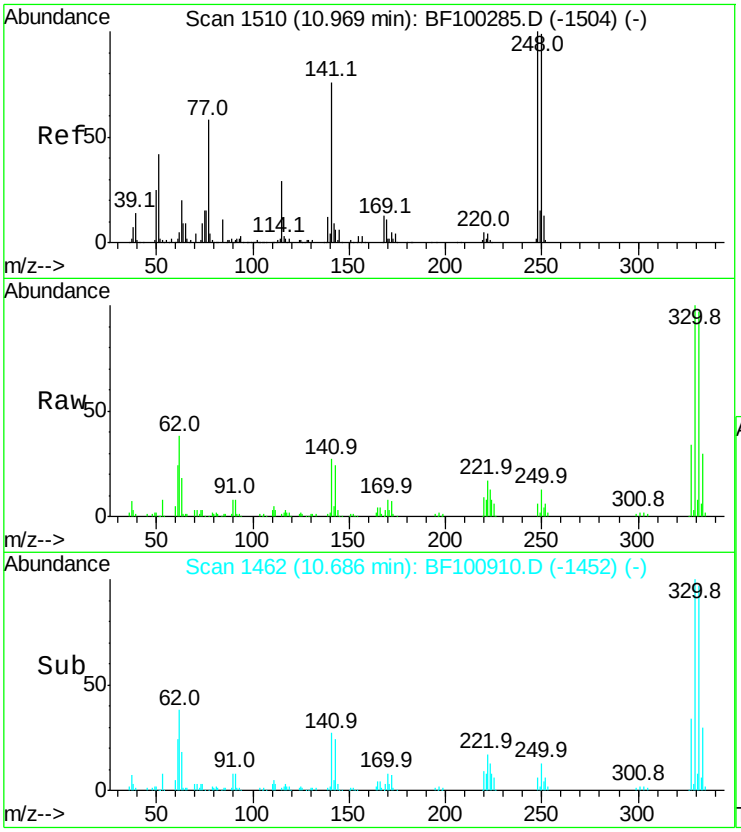


#64
4,6-Dinitro-2-methylphenol
Concen: 8.664 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:198 Resp: 122

Ion	Ratio	Lower	Upper
198	100		
51	154.2	37.7	77.7#
105	122.5	36.3	76.3#



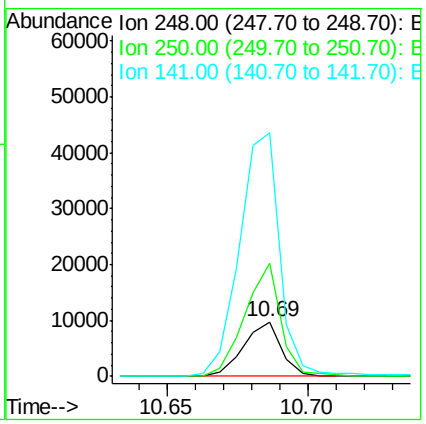


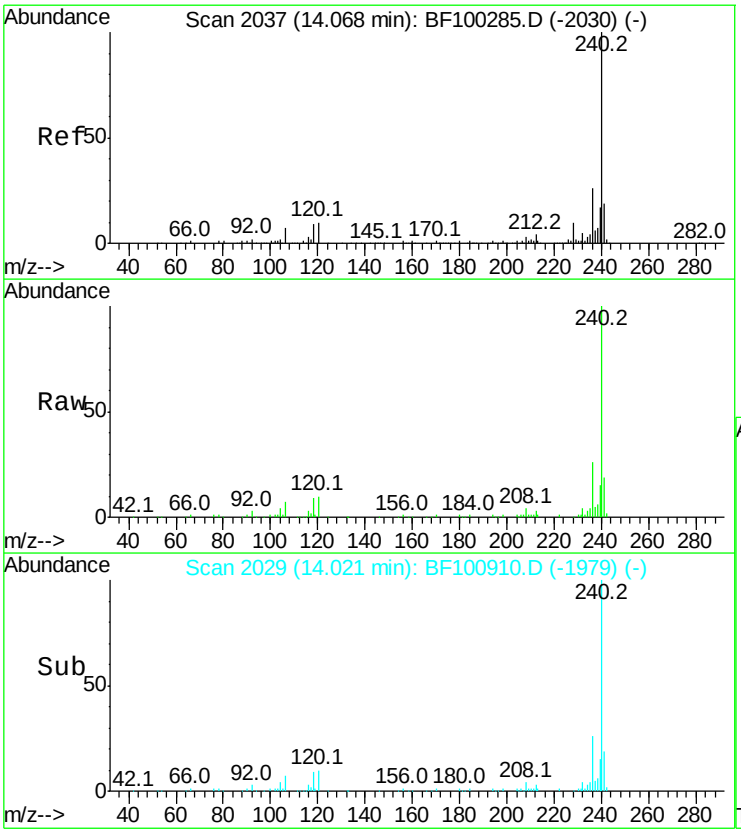
#66
4-Bromophenyl-phenylether
Concen: 3.944 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8939

Ion	Ratio	Lower	Upper
248	100		
250	207.1	76.9	115.3#
141	445.7	74.4	111.6#

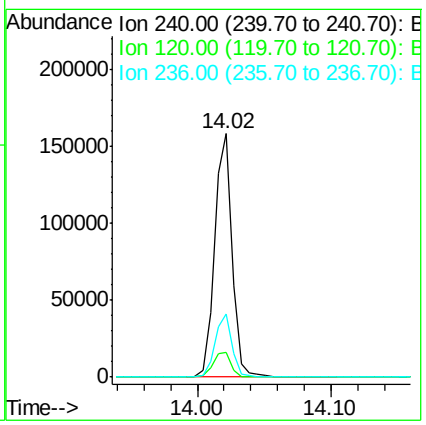


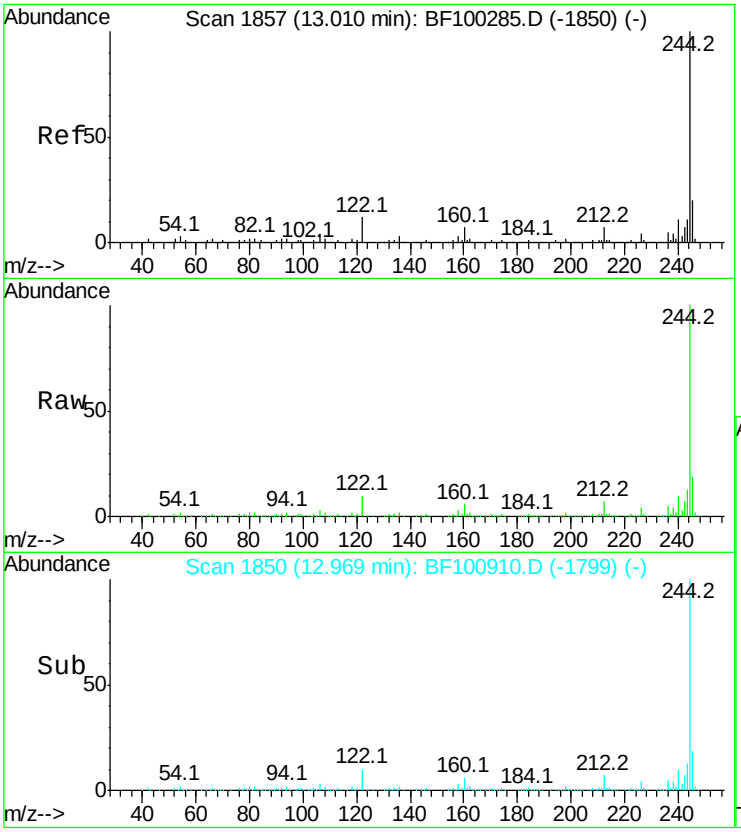


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:240 Resp: 146333

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.1	20.7	31.1



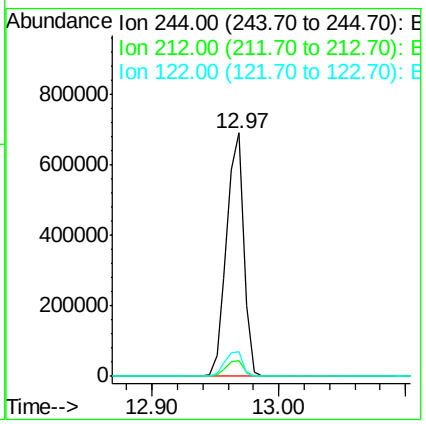


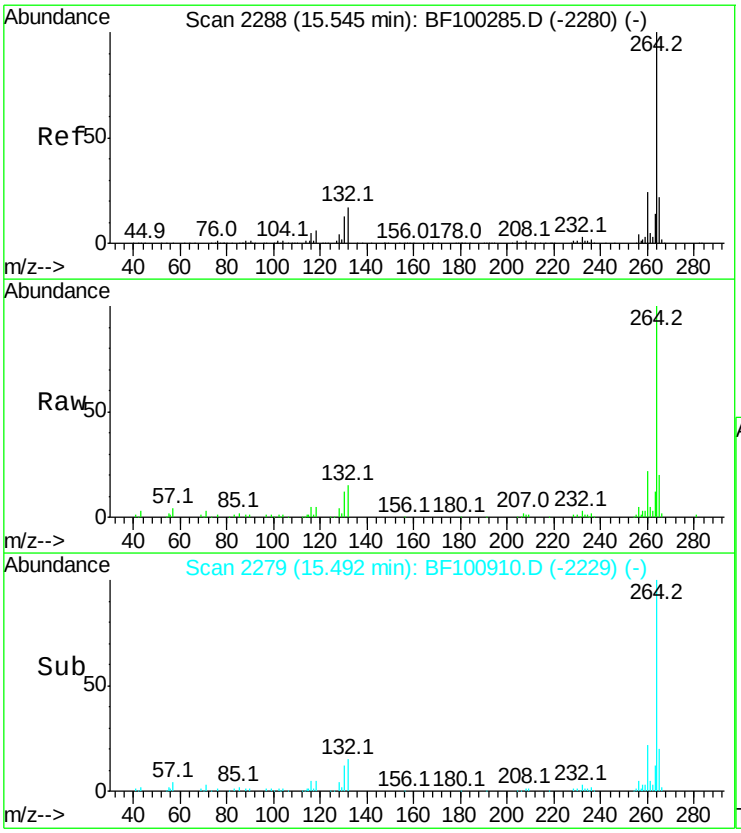
#78
Terphenyl-d14
Concen: 101.849 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF100910.D
Acq: 28 Nov 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 648642

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	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: BF100910.D
Acq: 28 Nov 2017 00:13

Tgt Ion:264 Resp: 122082

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.0	17.5	26.3