Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100765.D
Acq On : 21 Nov 2017 7:54
Operator : SJ/JU
Sample : I6538-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 11:49:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84891	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	334230	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	142070	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	234611	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	198281	20.00	ng		-0.01
86) Perylene-d12	15.50	264	154726	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	593196	112.01	ng		0.02
7) Phenol-d6	6.50	99	616404	94.39	ng		0.00
23) Nitrobenzene-d5	7.43	82	510469	100.97	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	186108	128.55	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1033438	110.76	ng		-0.01
78) Terphenyl-d14	12.98	244	771434	89.39	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	13268	2.845	ng		90
19) n-Nitroso-di-n-propylamine	7.43	70	68067	15.030	ng	#	79
25) Isophorone	7.43	82	510459	48.050	ng	#	64
31) Naphthalene	8.17	128	82077	5.098	ng		99
32) Benzoic acid	8.17	122	107	9.394	ng	#	1
47) 2-Nitroaniline	9.23	65	1415	3.290	ng	#	1
50) 2,6-Dinitrotoluene	9.91	165	18450	8.593	ng	#	25
51) Acenaphthene	9.94	154	26282	2.925	ng		98
55) 4-Nitrophenol	10.11	139	8570	4.163	ng	#	9
56) 2,4-Dinitrotoluene	9.91	165	18450	6.811	ng	#	23
57) Fluorene	10.45	166	19950	2.163	ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	160	8.681	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11079	4.405	ng	#	1
70) Phenanthrene	11.42	178	35628	2.884	ng		98
71) Anthracene	11.42	178	35628	2.843	ng		98

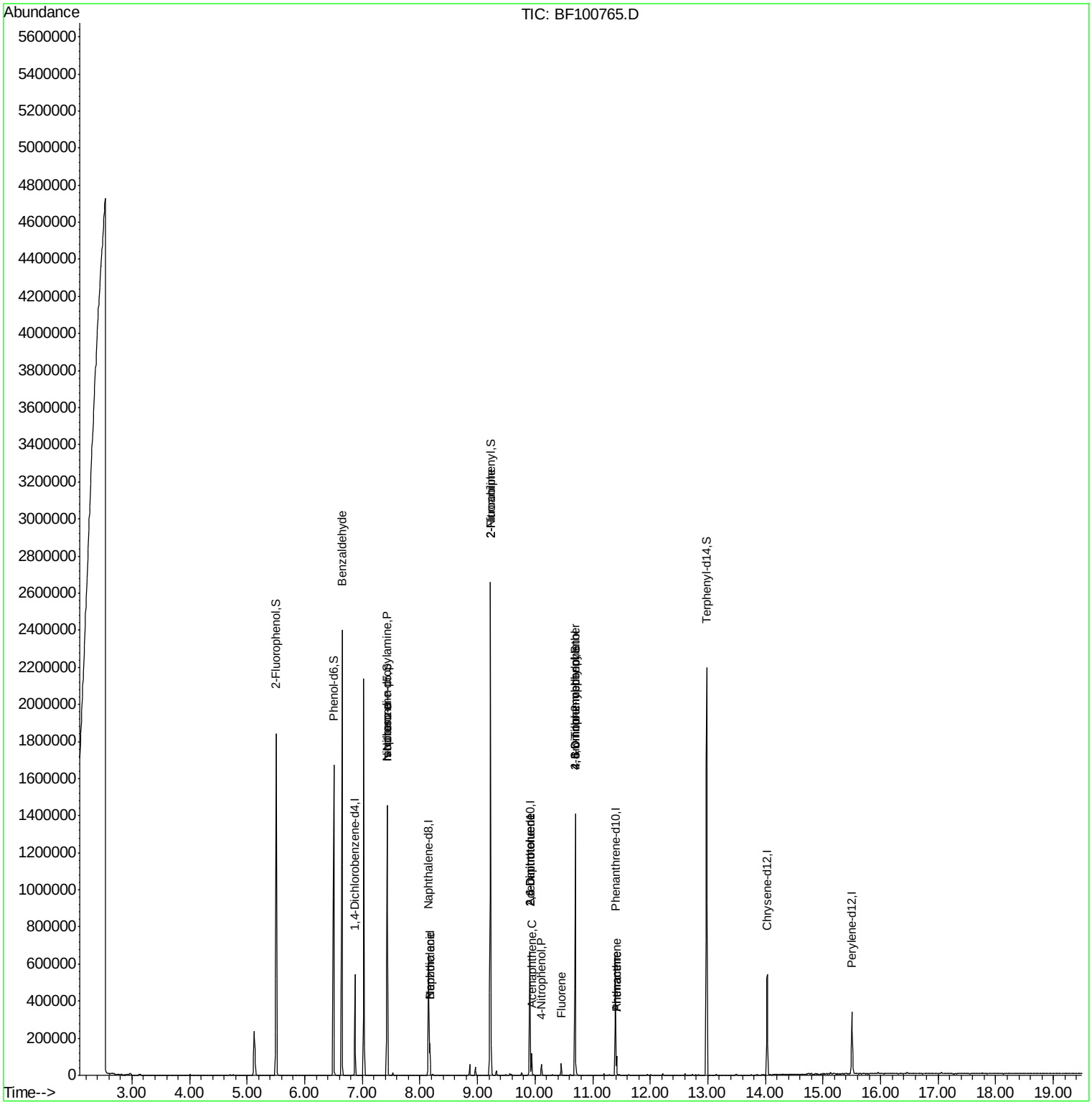
(#) = qualifier out of range (m) = manual integration (+) = signals summed

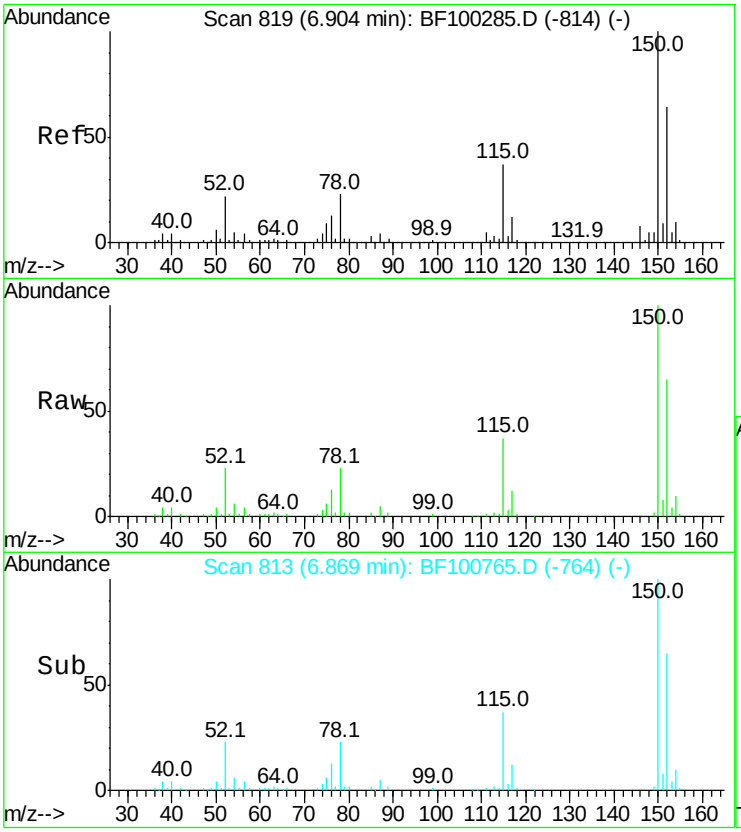
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100765.D
Acq On : 21 Nov 2017 7:54
Operator : SJ/JU
Sample : I6538-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 21 11:49:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration



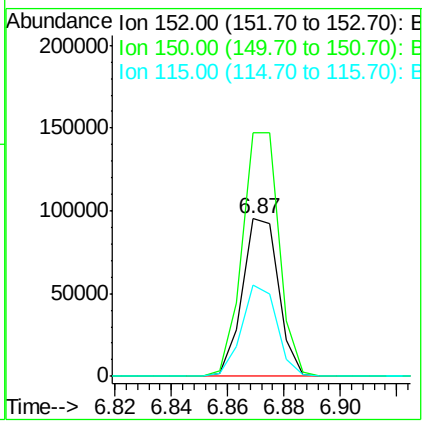


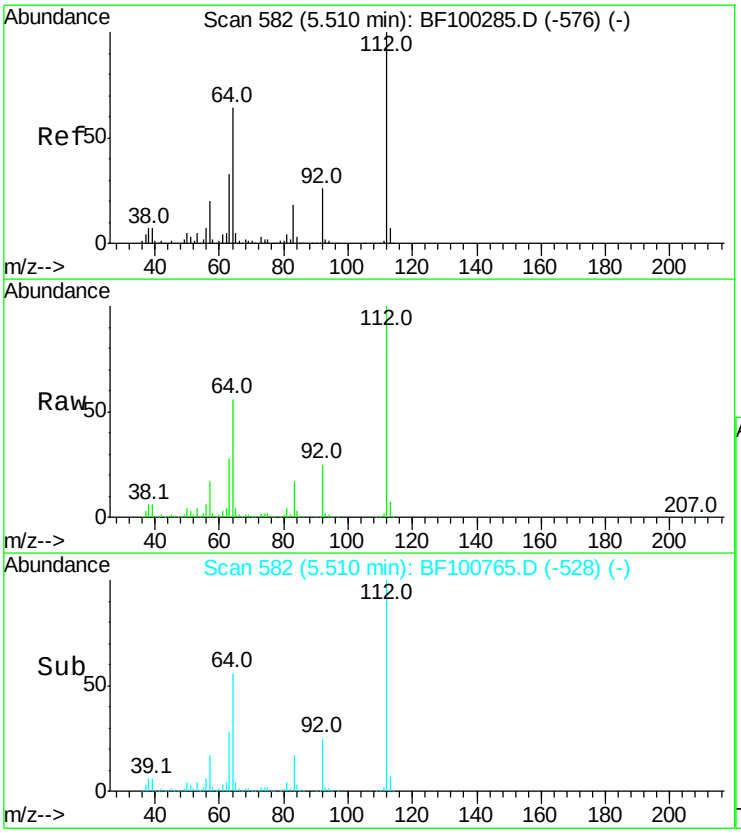
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84891

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	57.9	50.1	75.1

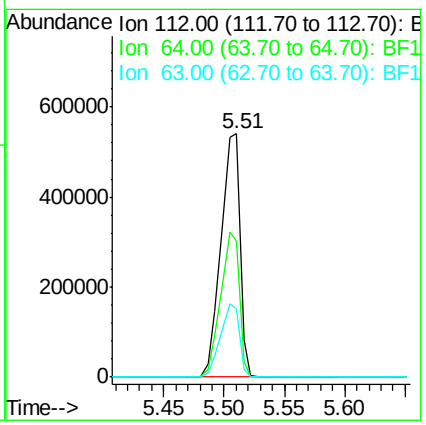


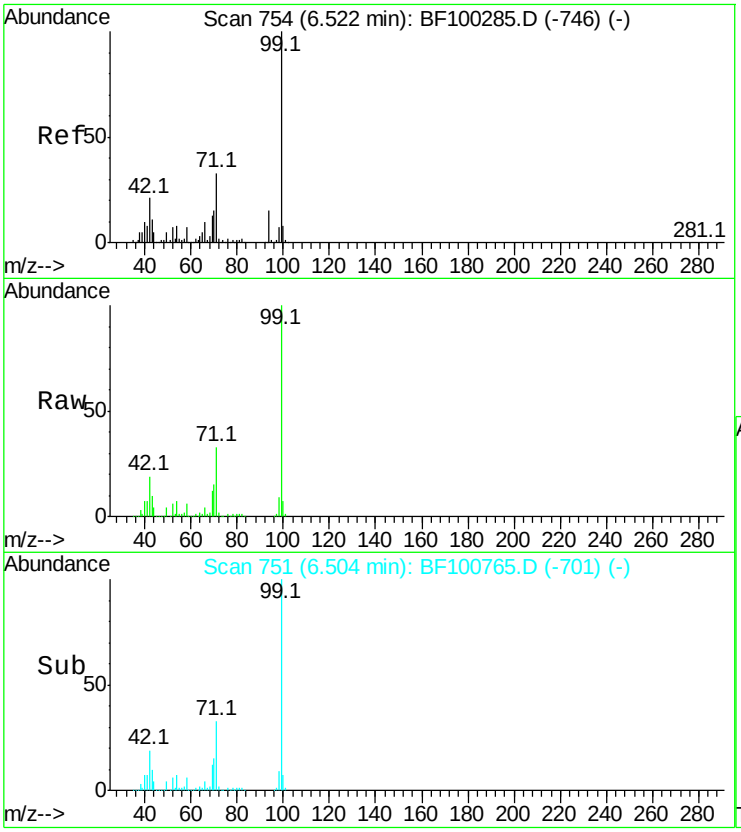


#5
2-Fluorophenol
Concen: 112.013 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:112 Resp: 593196

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	28.2	23.7	35.5



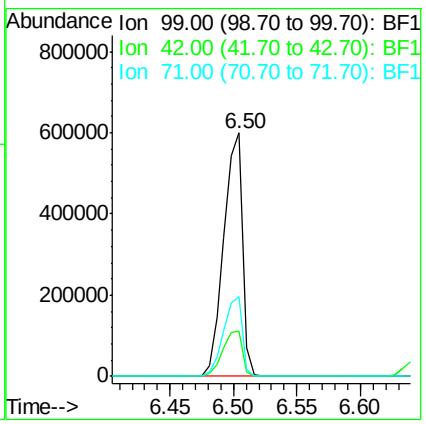


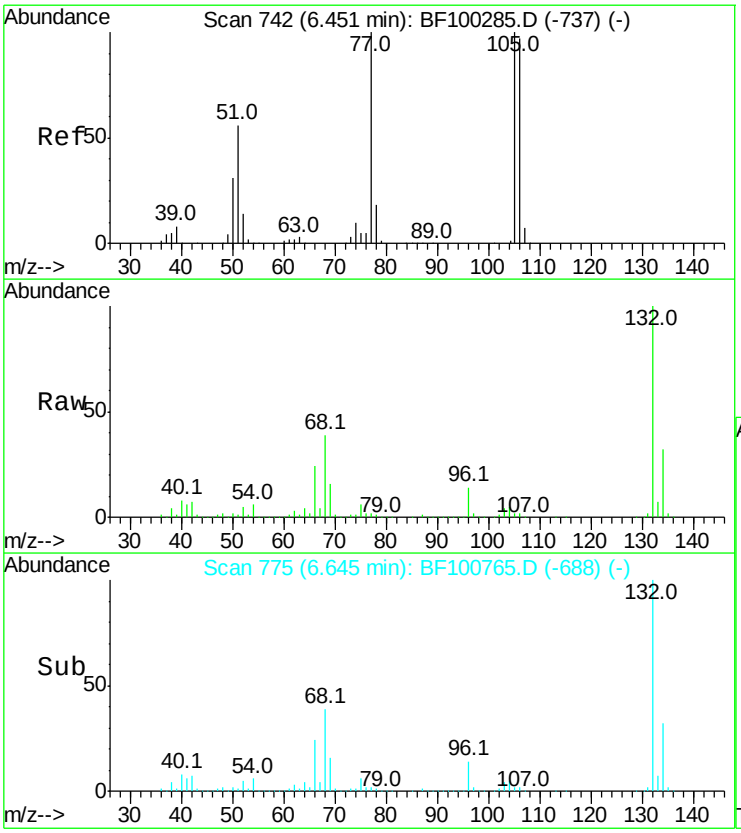
#7
Phenol-d6
Concen: 94.390 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 616404

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.5	25.4	38.0

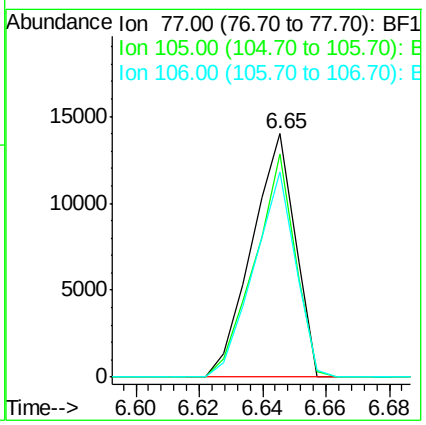


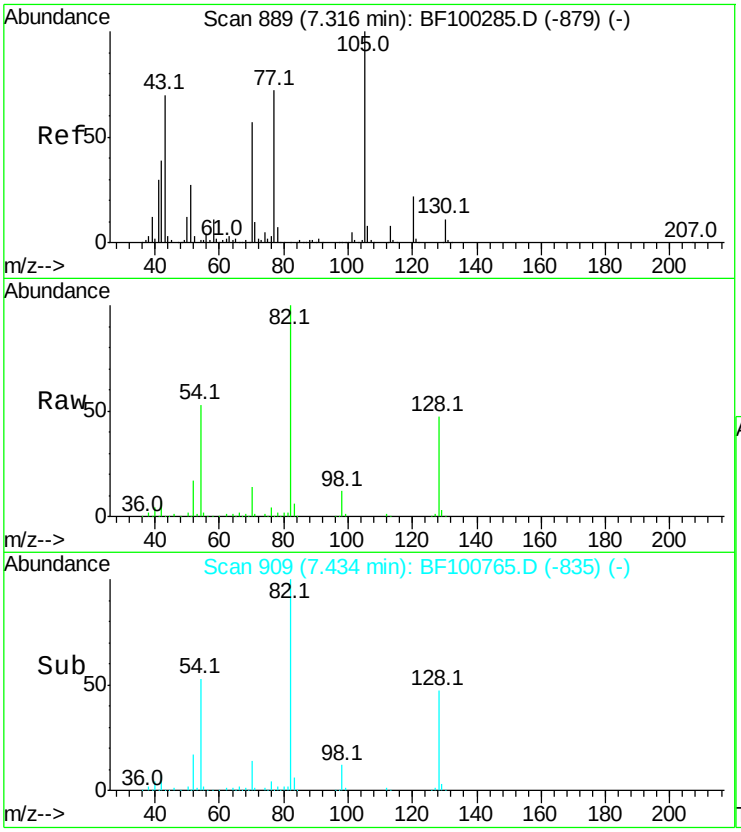


#9
Benzaldehyde
Concen: 2.845 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.21 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion: 77 Resp: 13268

Ion	Ratio	Lower	Upper
77	100		
105	91.7	81.1	121.1
106	84.4	74.5	114.5



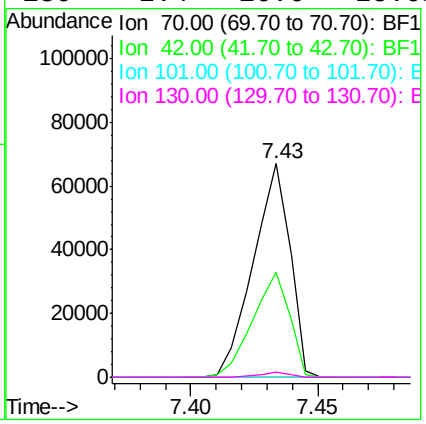


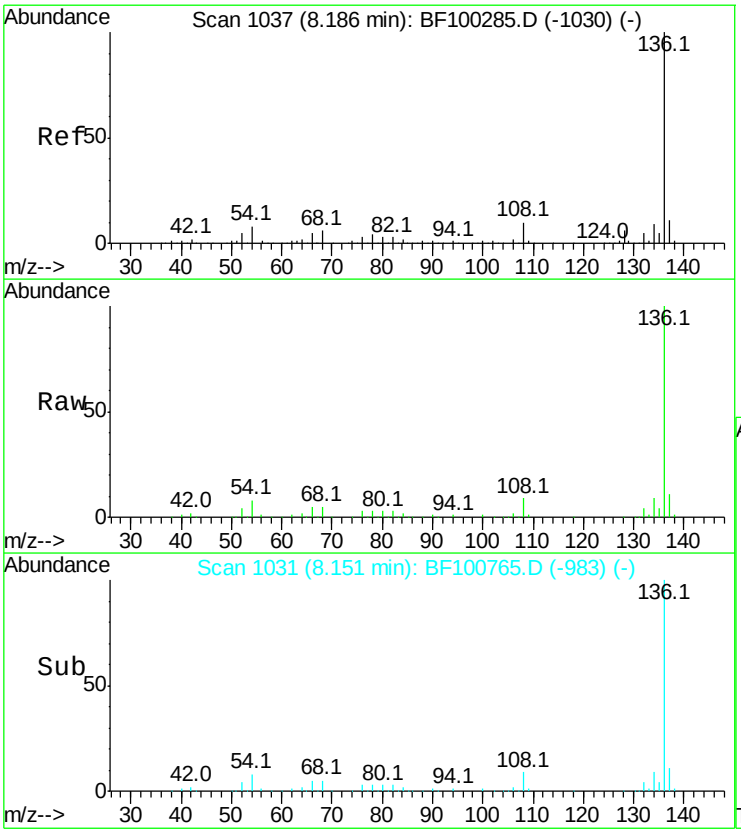
#19
n-Nitroso-di-n-propylamine
Concen: 15.030 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 68067

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

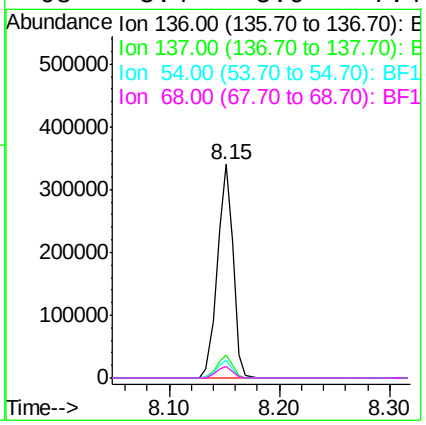


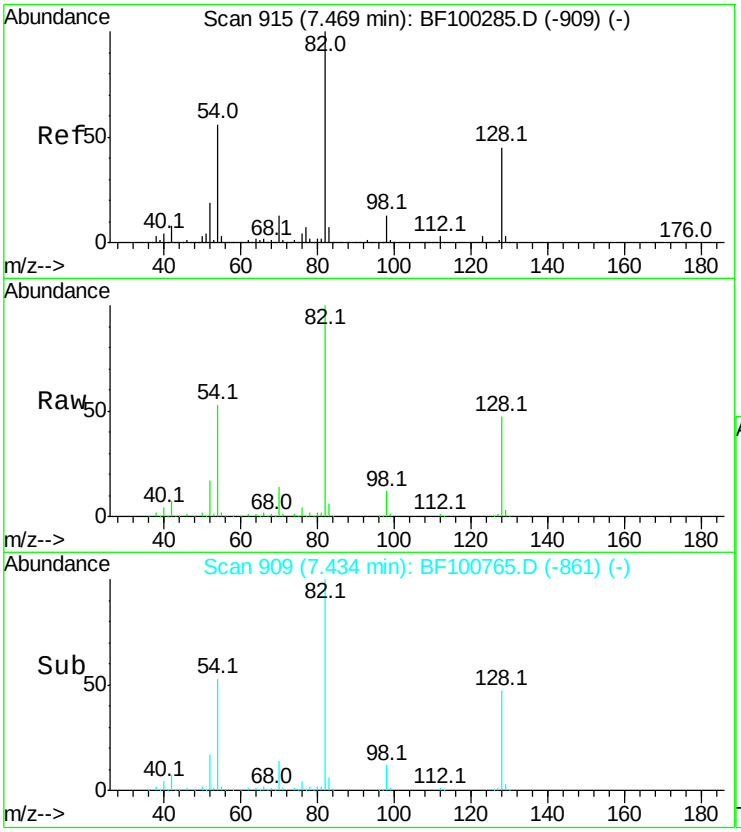


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:136 Resp: 334230

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.4	5.0	7.4



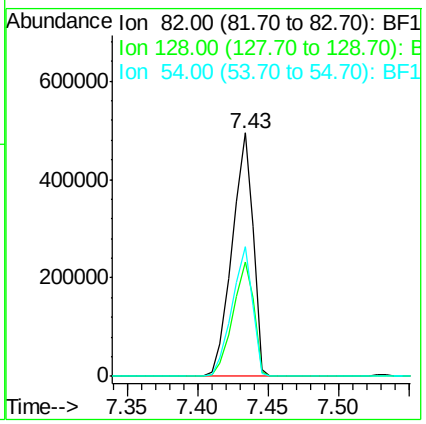


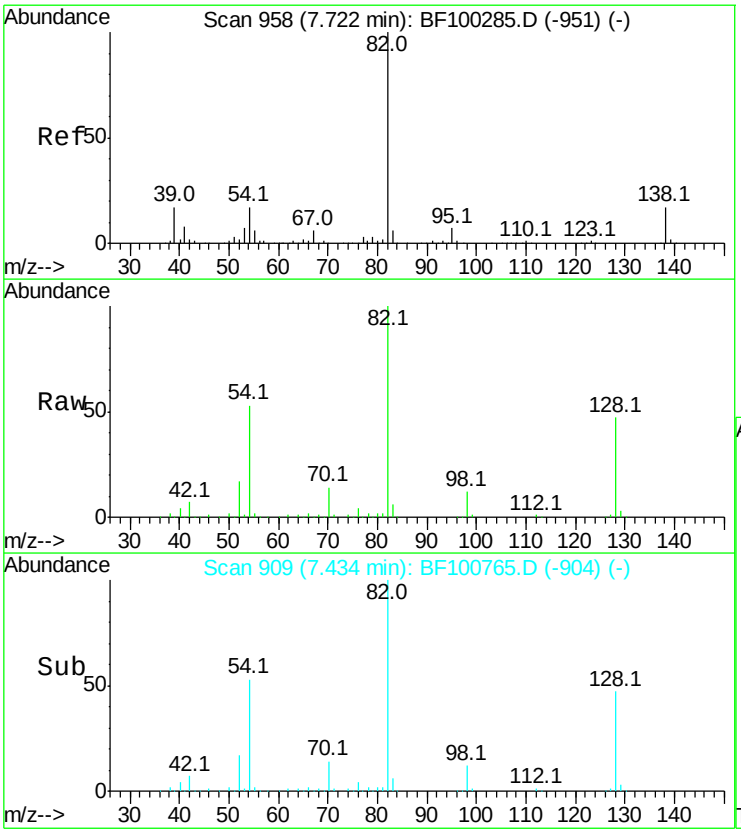
#23
Nitrobenzene-d5
Concen: 100.975 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 510469

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.0	41.4	62.2

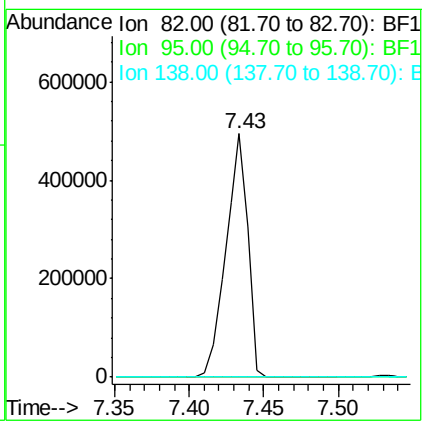


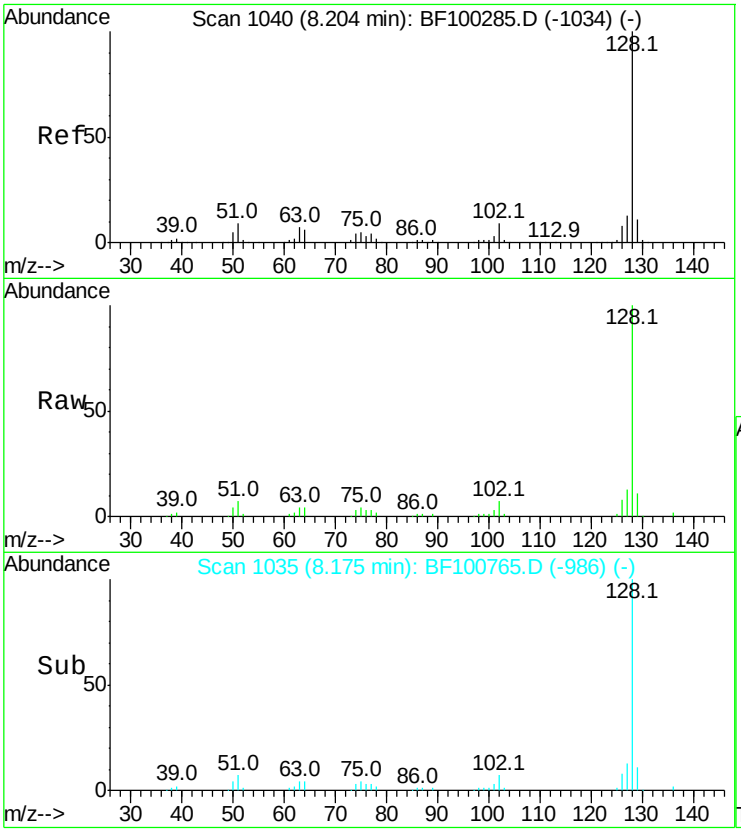


#25
Isophorone
Concen: 48.050 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion: 82 Resp: 510459

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



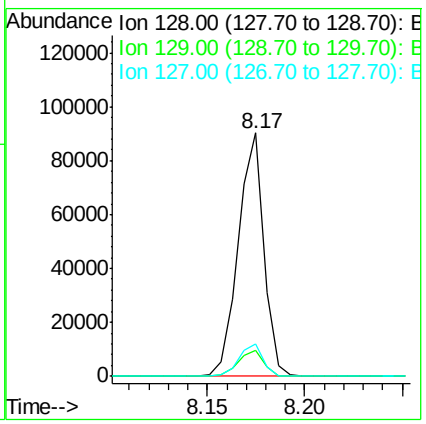


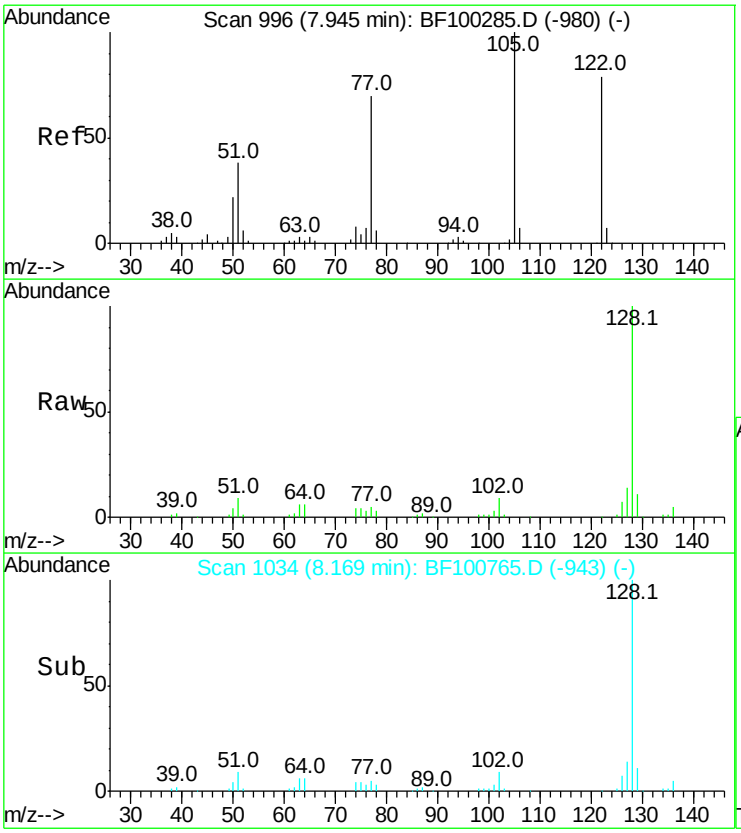
#31
Naphthalene
Concen: 5.098 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 82077

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

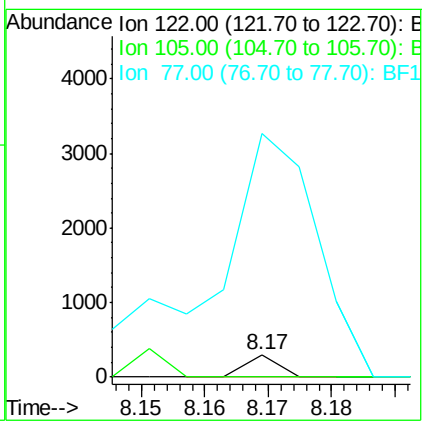


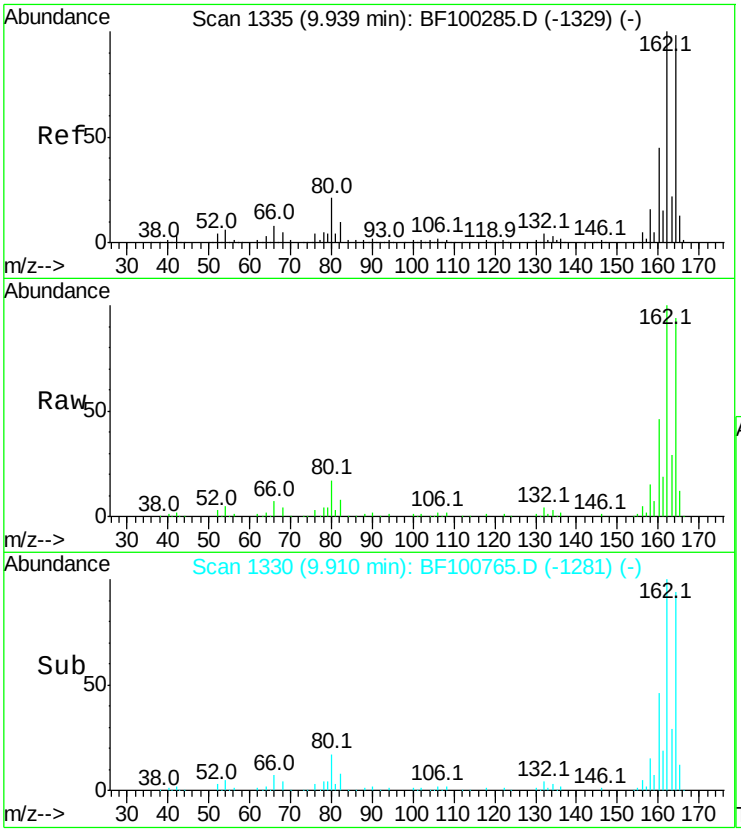


#32
Benzoic acid
Concen: 9.394 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.24 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1077.9	70.7	110.7#



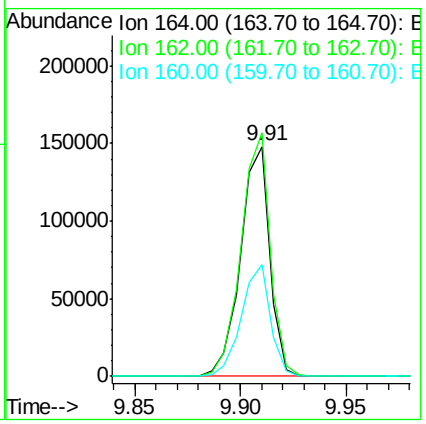


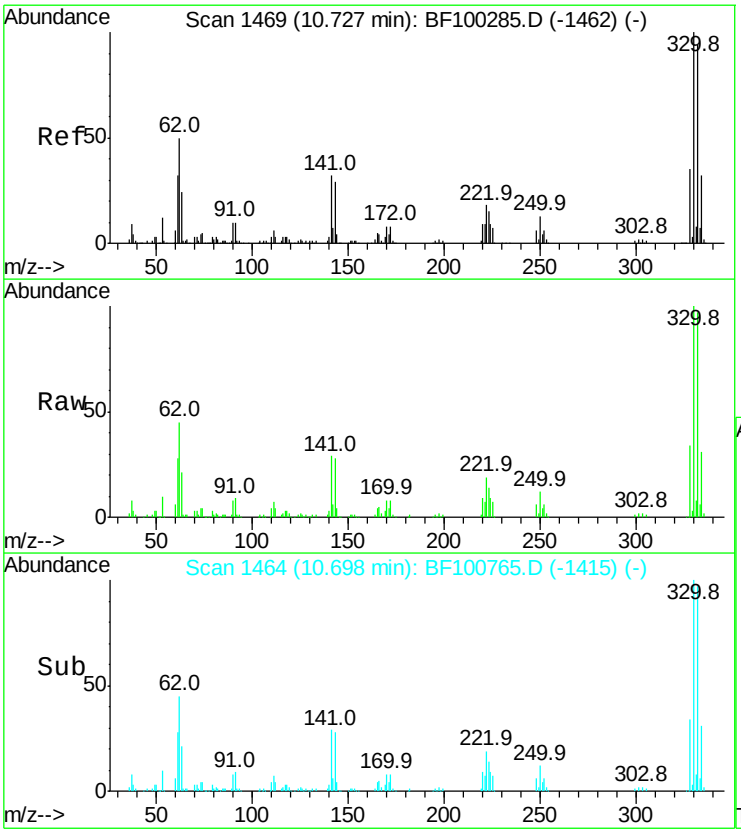
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 142070

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	48.8	38.3	57.5

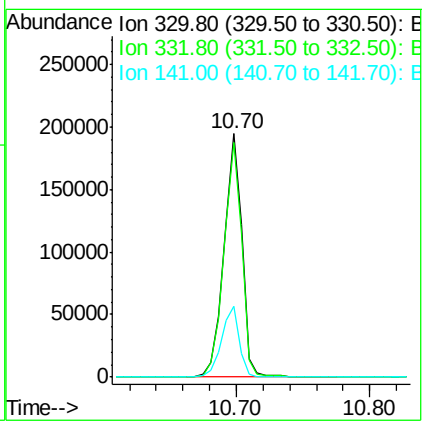


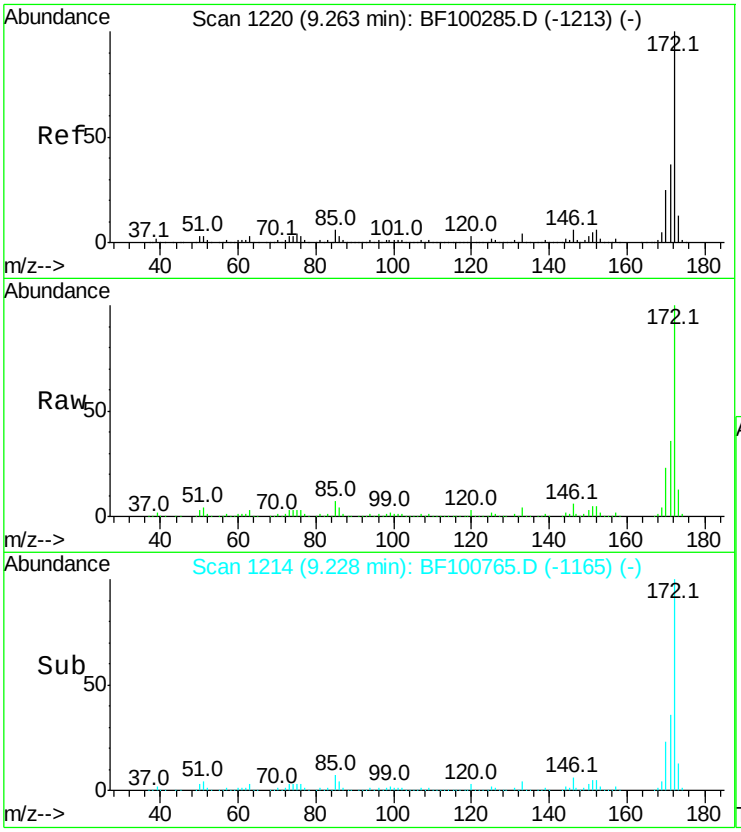


#41
2,4,6-Tribromophenol
Concen: 128.555 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:330 Resp: 186108

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	28.6	29.9	44.9#



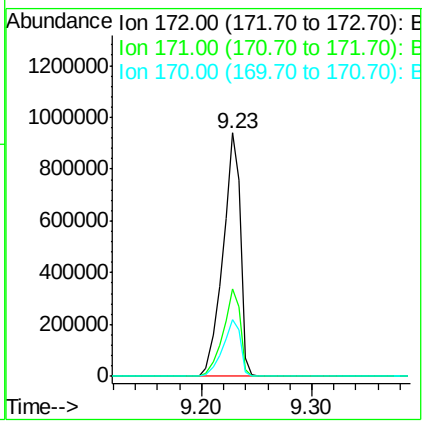


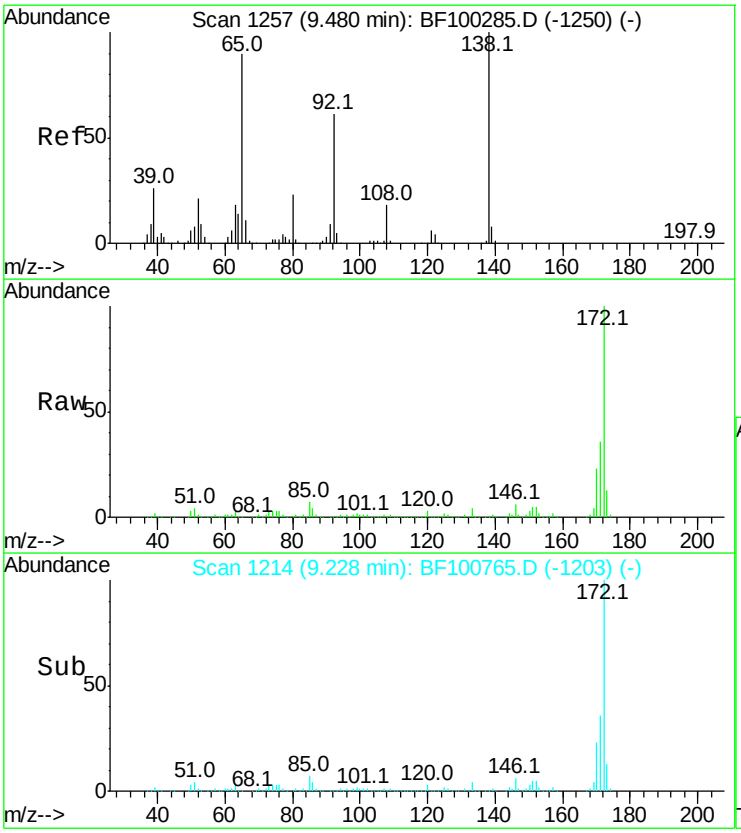
#44
2-Fluorobiphenyl
Concen: 110.764 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1033438

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.3	19.6	29.4

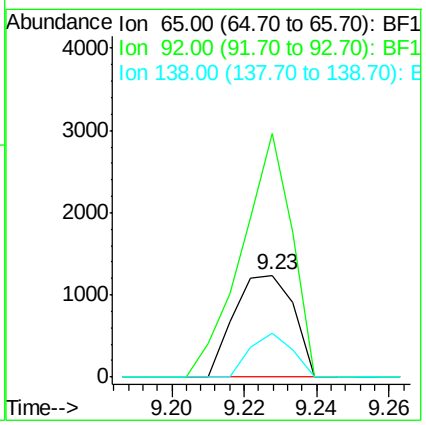


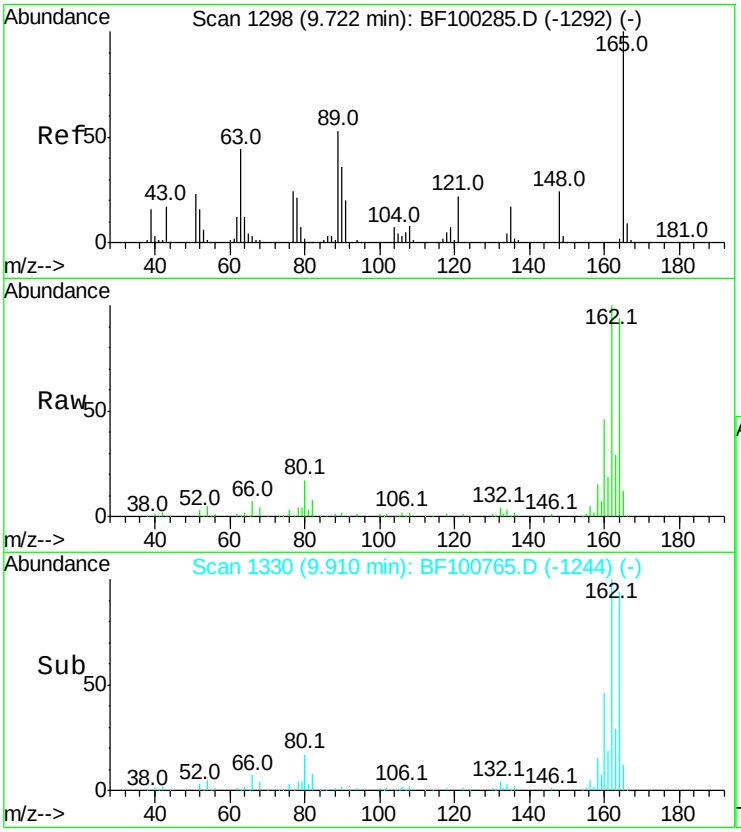


#47
2-Nitroaniline
Concen: 3.290 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion: 65 Resp: 1415

Ion	Ratio	Lower	Upper
65	100		
92	239.6	55.8	83.6#
138	43.4	91.2	136.8#



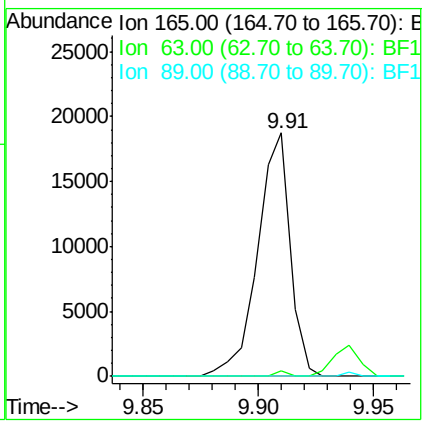


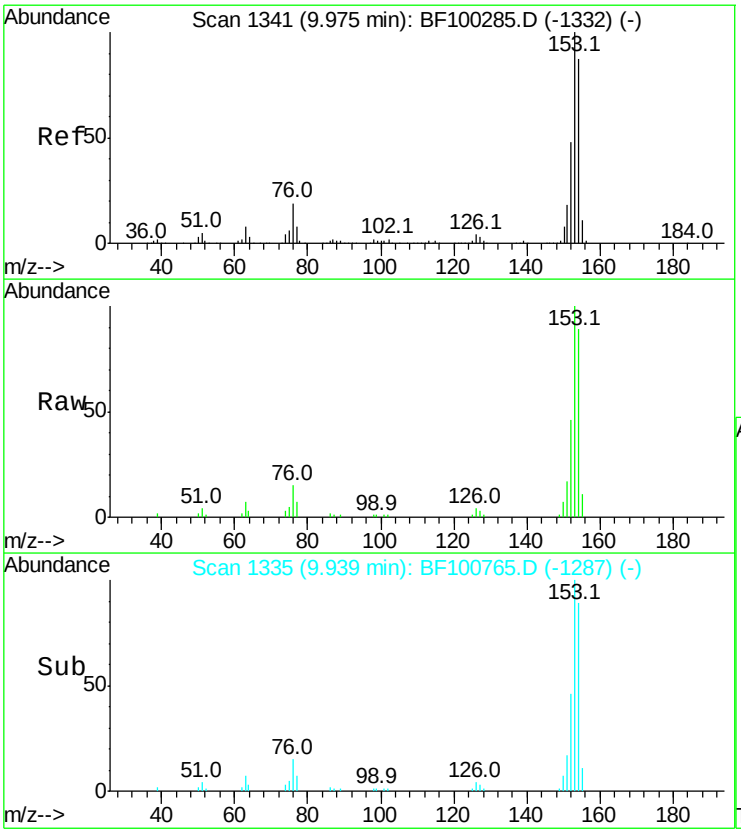
#50
2,6-Dinitrotoluene
Concen: 8.593 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18450

Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.7	67.1#
89	0.0	44.0	66.0#

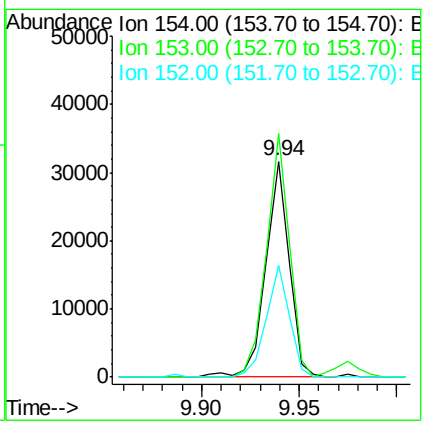


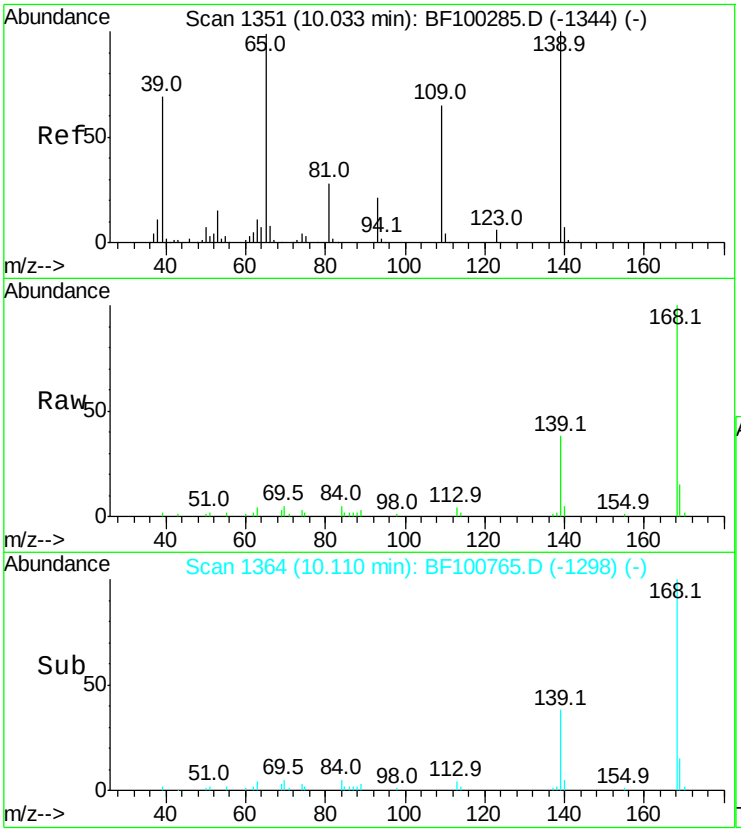


#51
Acenaphthene
Concen: 2.925 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:154 Resp: 26282

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	52.1	43.8	65.8



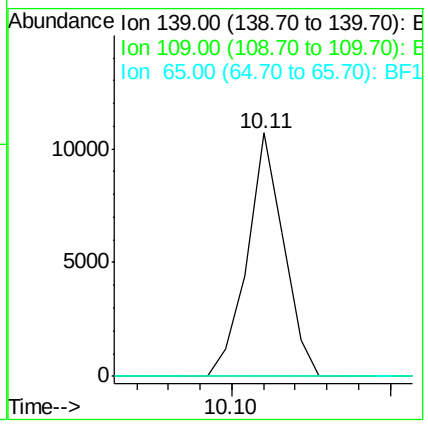


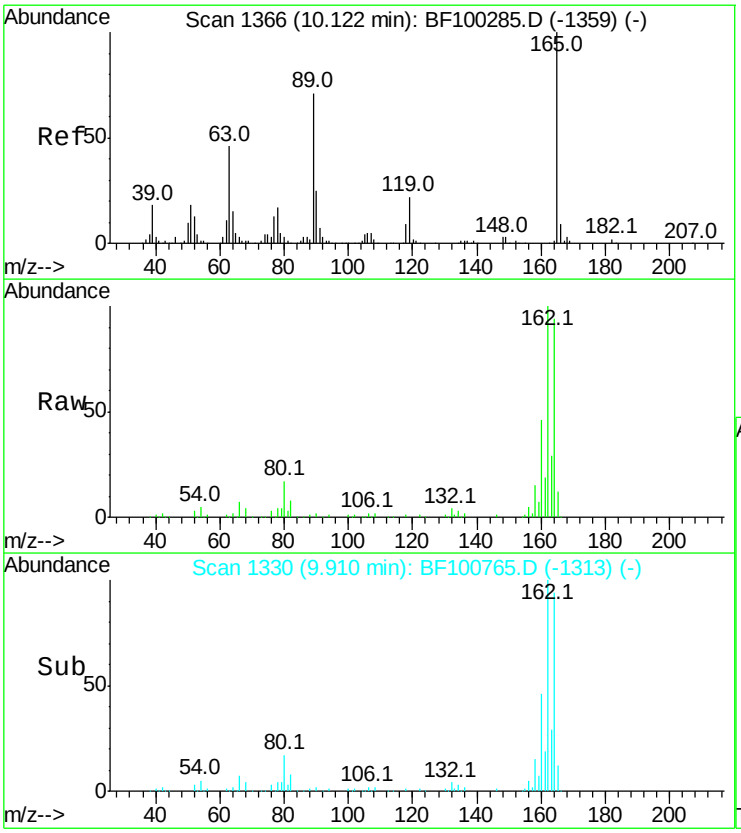
#55
4-Nitrophenol
Concen: 4.163 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8570

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

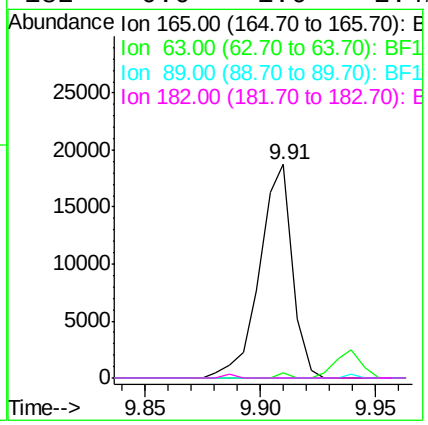


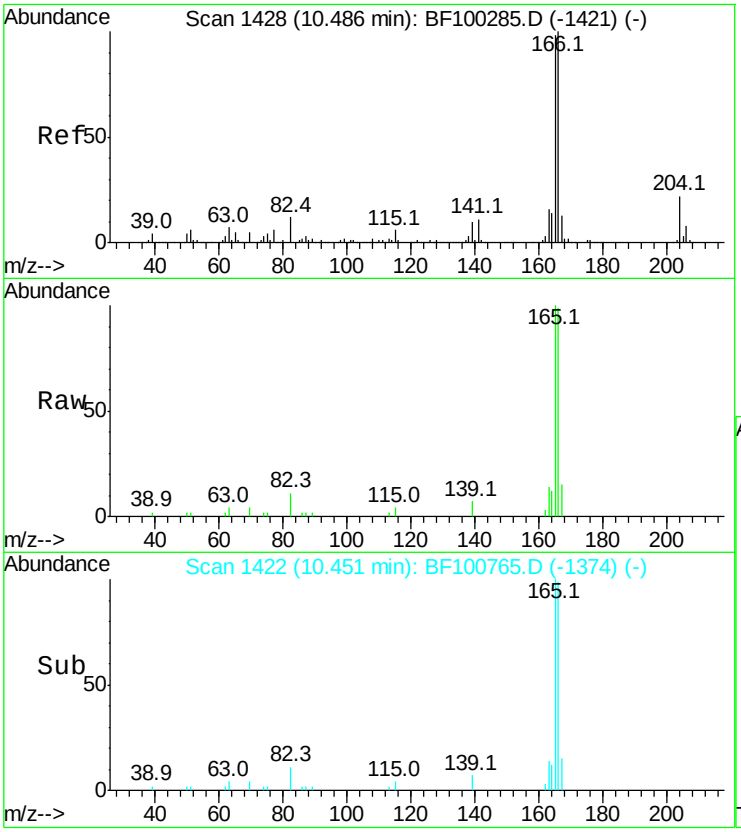


#56
2,4-Dinitrotoluene
Concen: 6.811 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:165 Resp: 18450

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



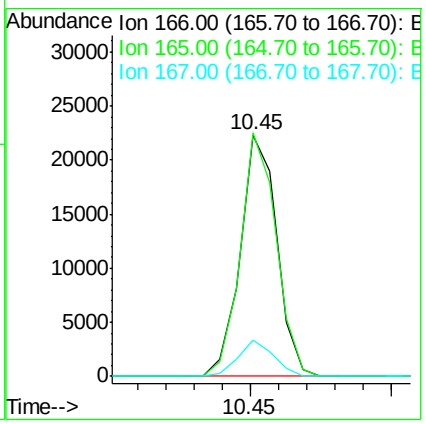


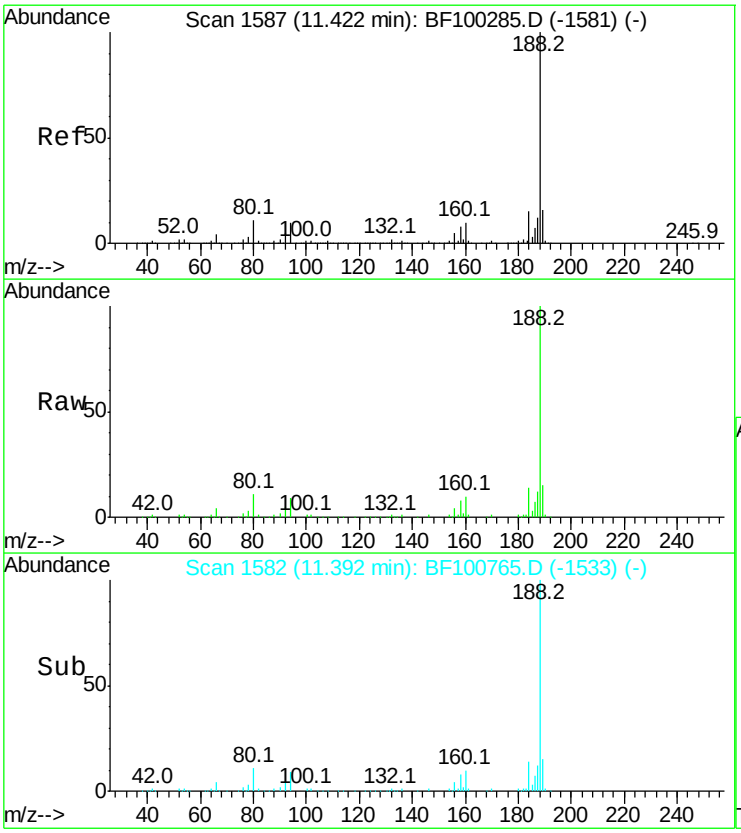
#57
Fluorene
Concen: 2.163 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 19950

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	14.9	10.6	16.0

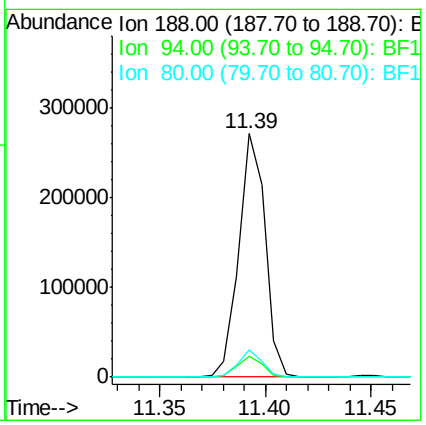


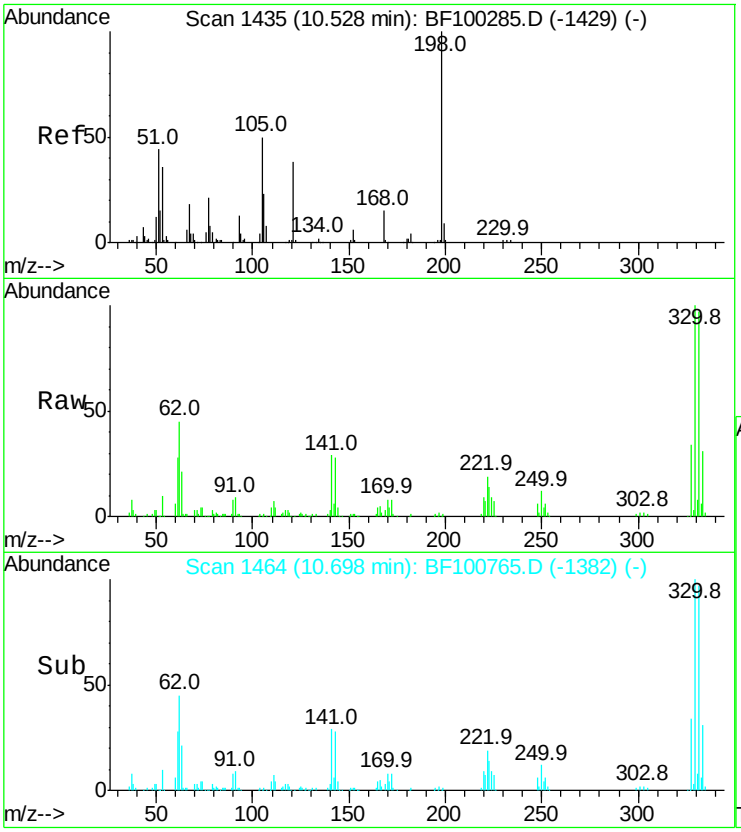


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:188 Resp: 234611

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	11.1	9.2	13.8



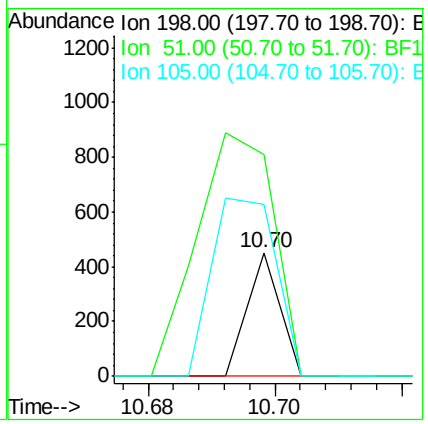


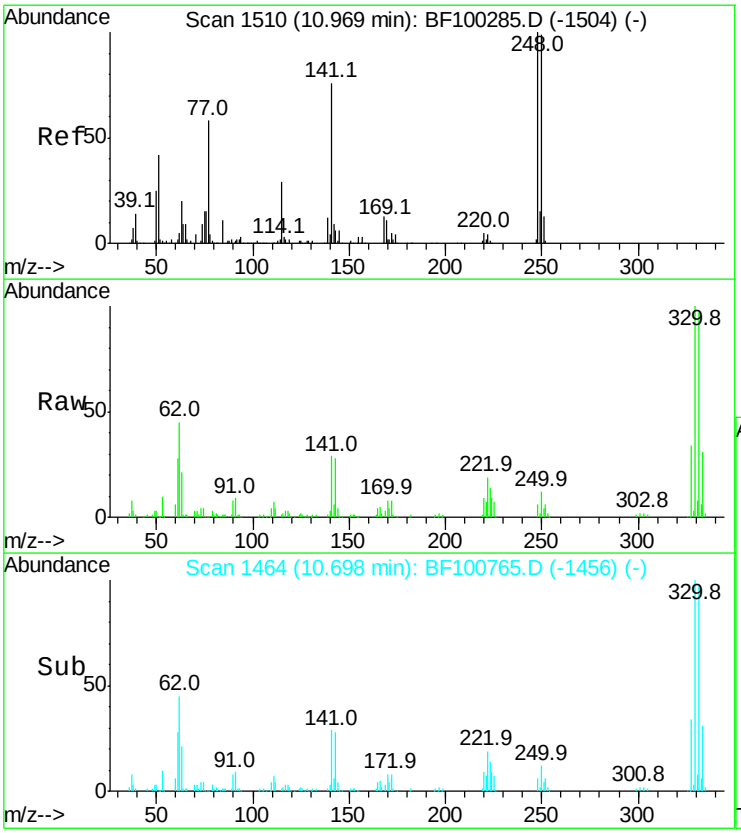
#64
4,6-Dinitro-2-methylphenol
Concen: 8.681 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 160

Ion	Ratio	Lower	Upper
198	100		
51	179.2	37.7	77.7#
105	139.4	36.3	76.3#

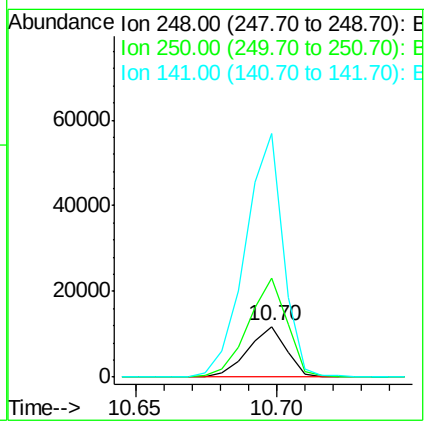


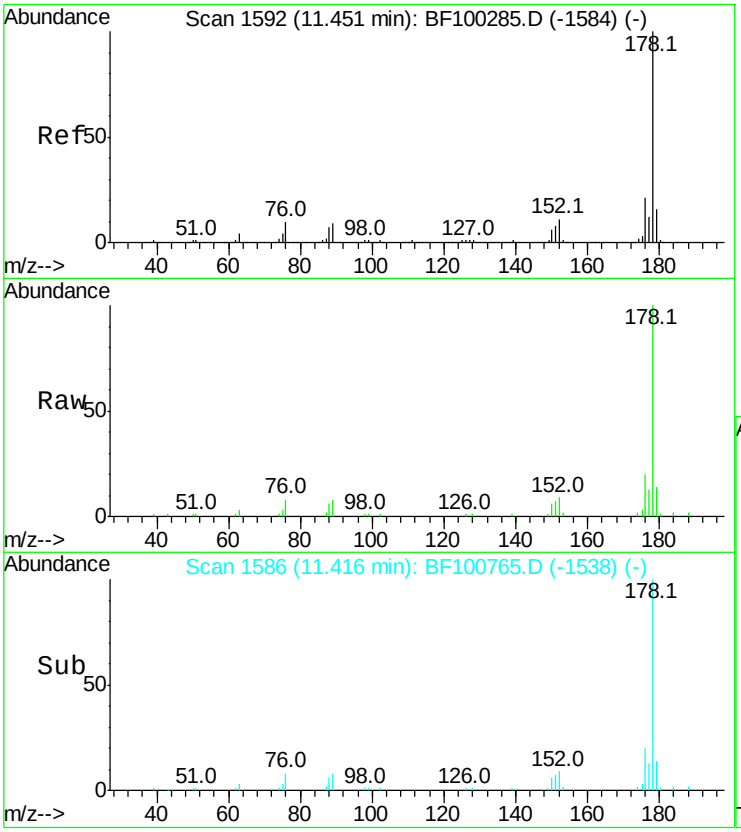


#66
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:248 Resp: 11079

Ion	Ratio	Lower	Upper
248	100		
250	194.3	76.9	115.3#
141	478.4	74.4	111.6#



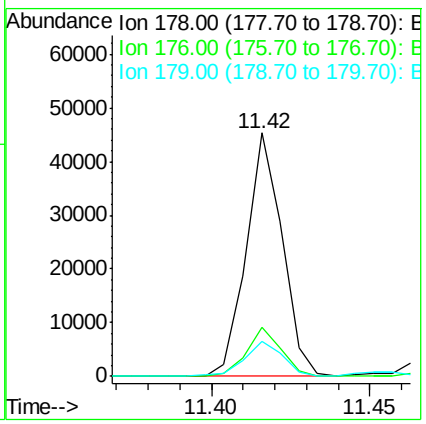


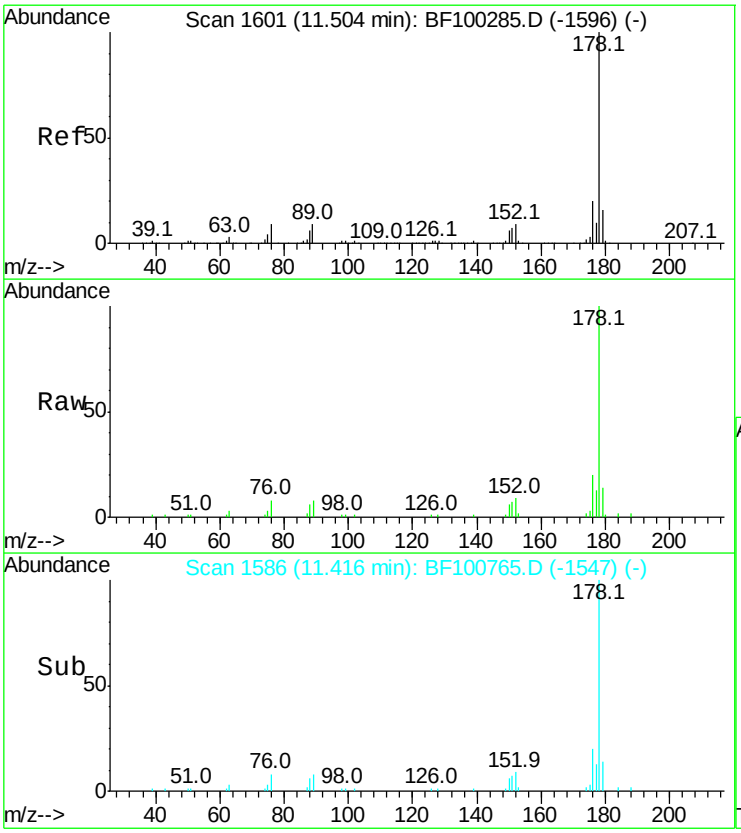
#70
Phenanthrene
Concen: 2.884 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 35628

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	14.4	13.0	19.6

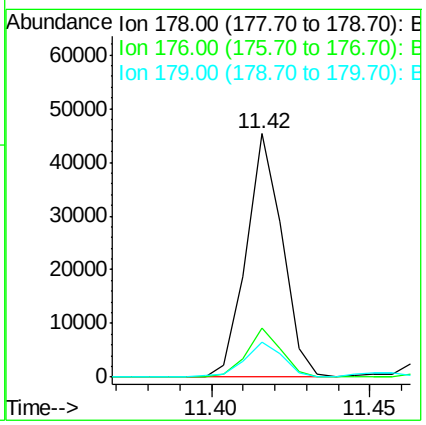


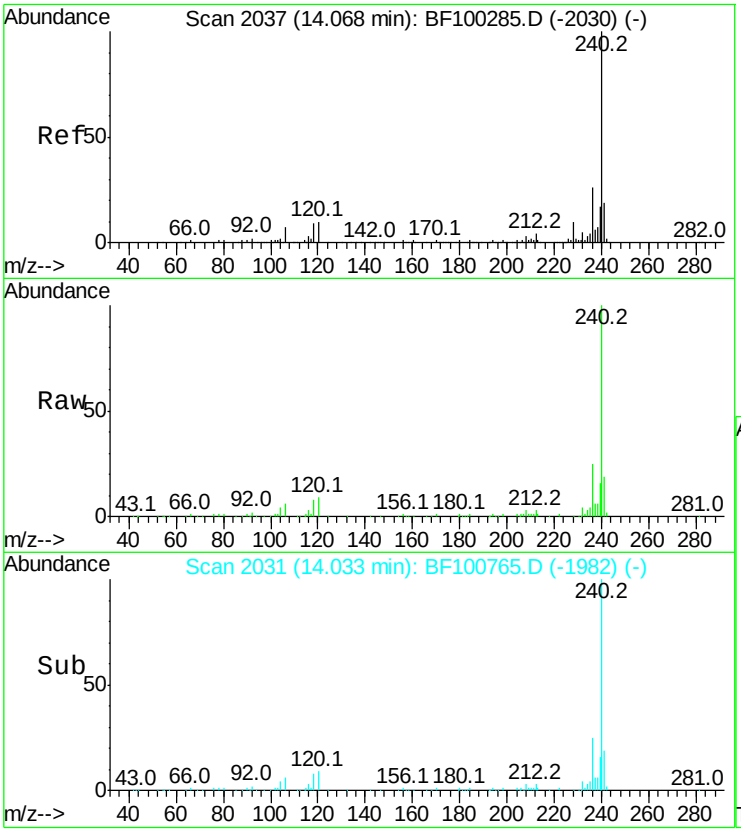


#71
Anthracene
Concen: 2.843 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.07 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:178 Resp: 35628

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	14.4	12.6	19.0



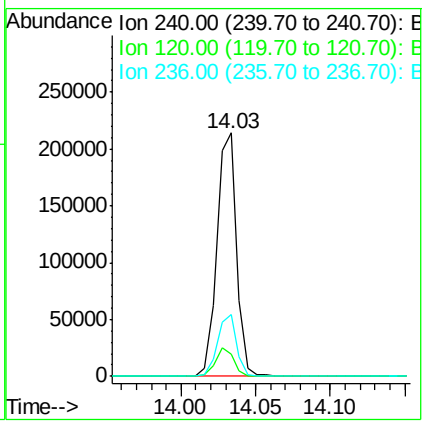


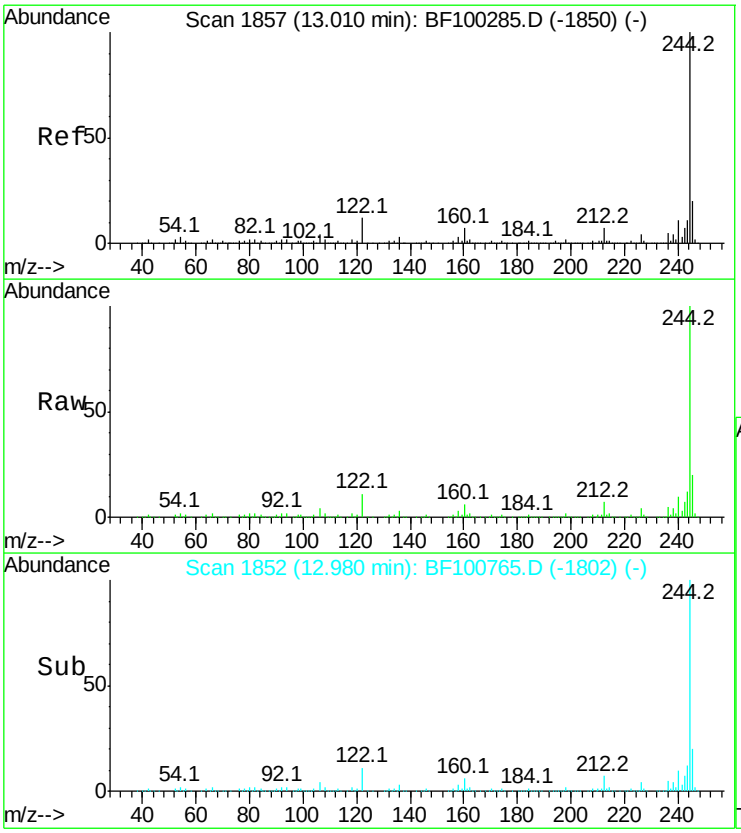
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 198281

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.1	20.7	31.1

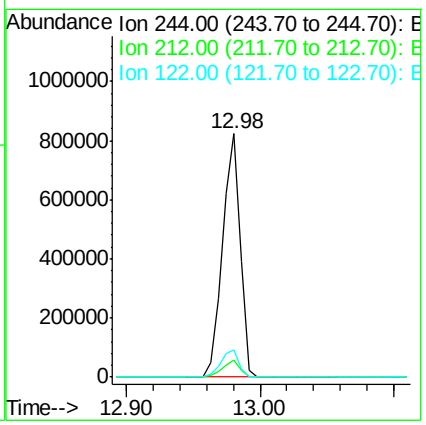


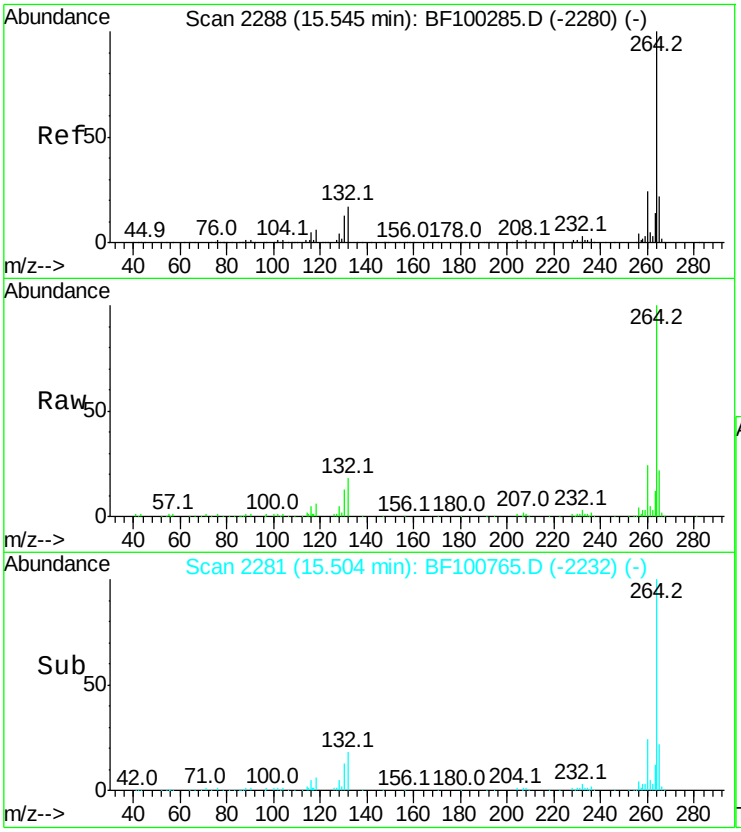


#78
Terphenyl-d14
Concen: 89.395 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Tgt Ion:244 Resp: 771434

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100765.D
Acq: 21 Nov 2017 7:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 154726

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3