Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100763.D
Acq On : 21 Nov 2017 7:01
Operator : SJ/JU
Sample : I6311-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 21 11:48:18 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	91188	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	354846	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	155731	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	249268	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	202411	20.00	ng		-0.01
86) Perylene-d12	15.50	264	156389	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	643290	113.08	ng		0.02
7) Phenol-d6	6.50	99	699384	99.70	ng		0.00
23) Nitrobenzene-d5	7.44	82	552185	102.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	196947	124.11	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1073962	105.01	ng		0.00
78) Terphenyl-d14	12.98	244	784072	89.01	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	72063	14.813	ng	#	77
25) Isophorone	7.44	82	552175	48.957	ng	#	64
31) Naphthalene	8.17	128	431179	25.228	ng		99
32) Benzoic acid	8.17	122	783	9.533	ng	#	1
33) 4-Chloroaniline	8.17	127	56642	7.962	ng	#	36
37) 2-Methylnaphthalene	8.86	142	34708	3.059	ng		98
47) 2-Nitroaniline	9.23	65	1712	3.342	ng	#	6
50) 2,6-Dinitrotoluene	9.91	165	20471	8.698	ng	#	24
55) 4-Nitrophenol	10.11	139	5284	2.341	ng	#	9
56) 2,4-Dinitrotoluene	9.91	165	20471	6.895	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.70	198	156	8.672	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12594	4.713	ng	#	1

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

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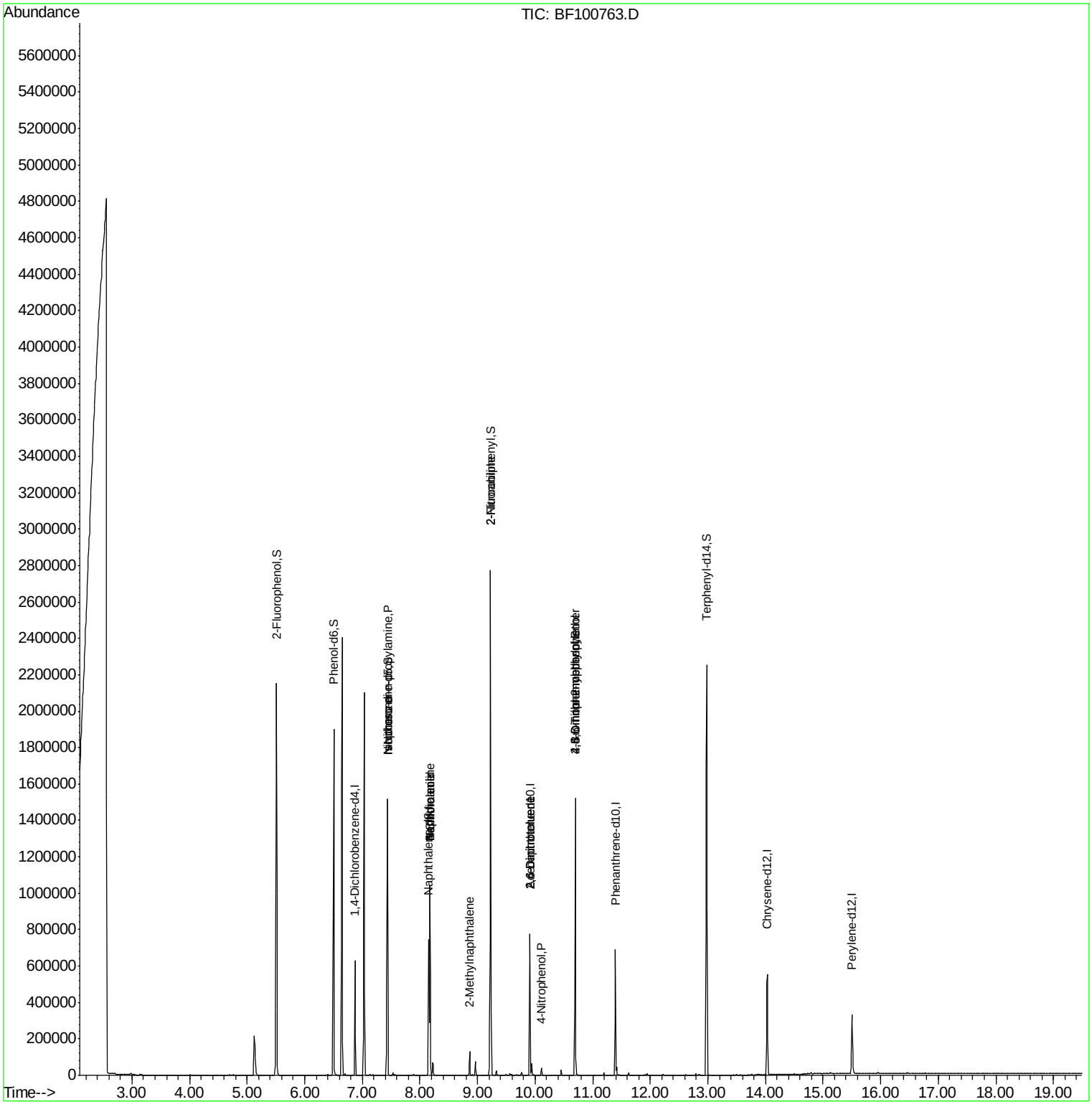
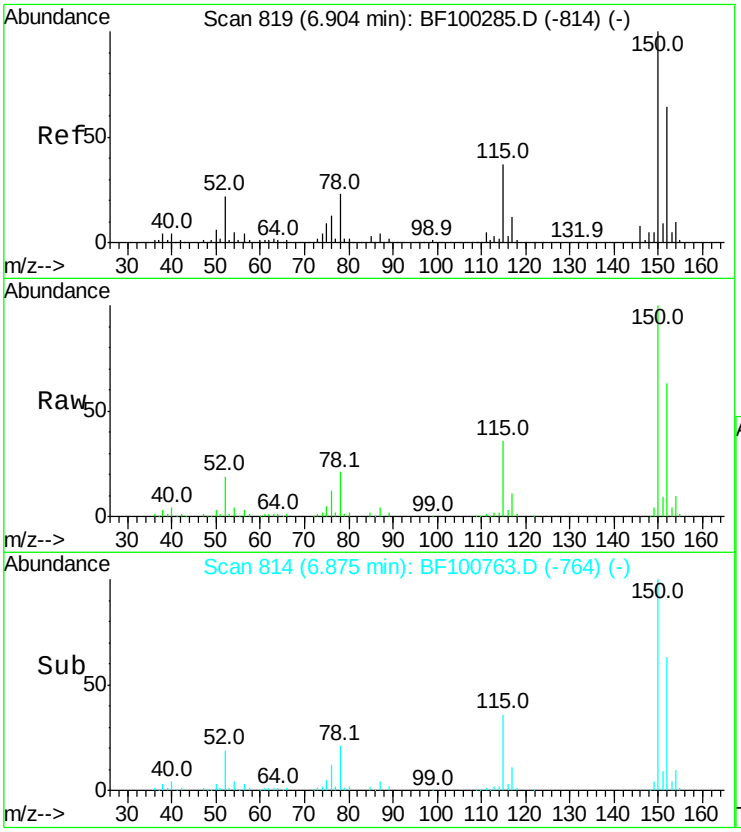
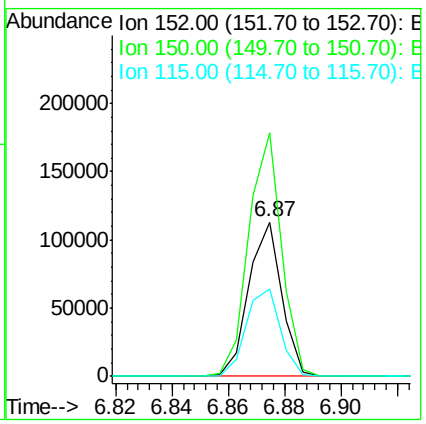




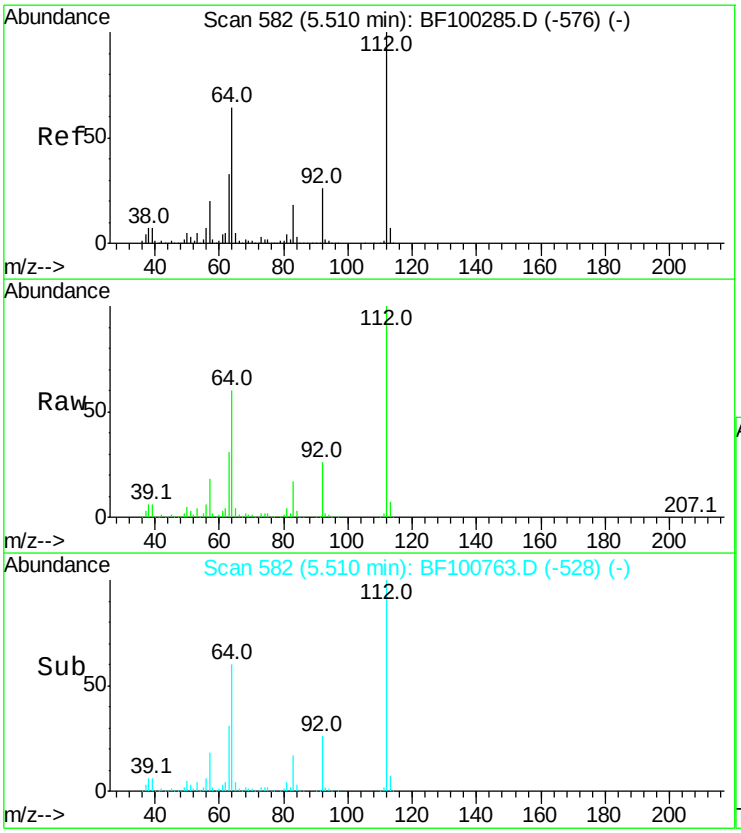
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:152 Resp: 91188

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	56.9	50.1	75.1



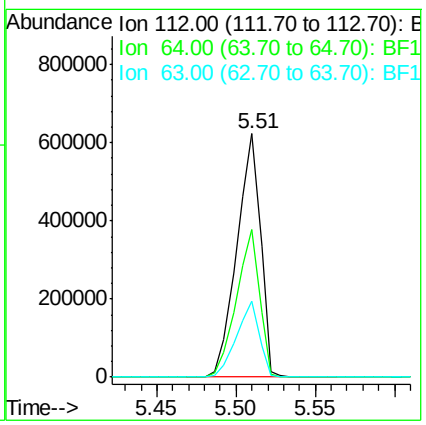
Instrument :
BNA_F
ClientSampleId :

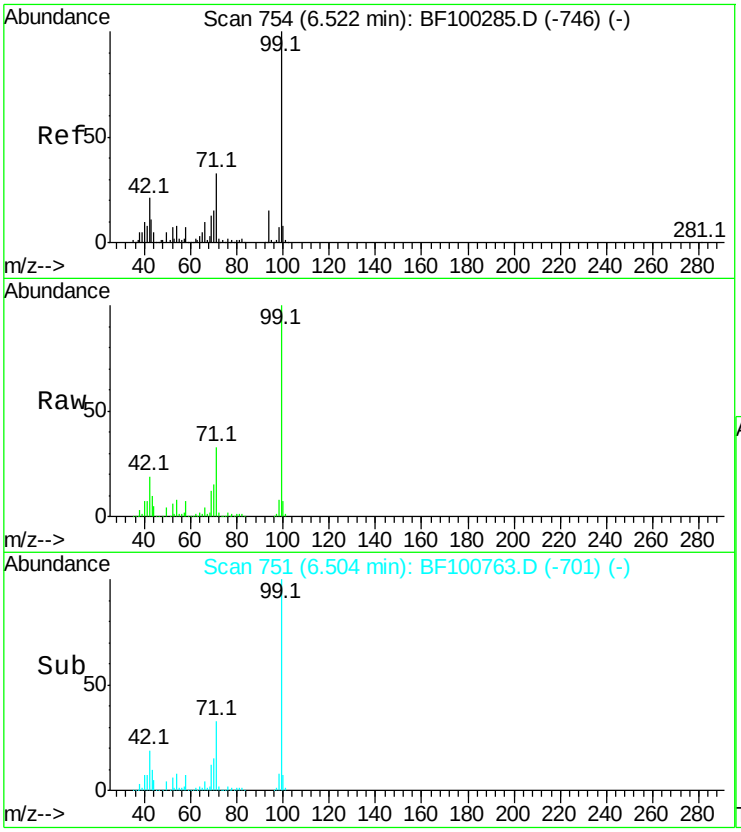


#5
2-Fluorophenol
Concen: 113.083 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:112 Resp: 643290

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.0	23.7	35.5



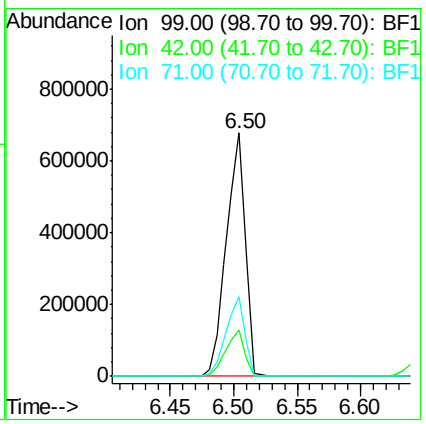


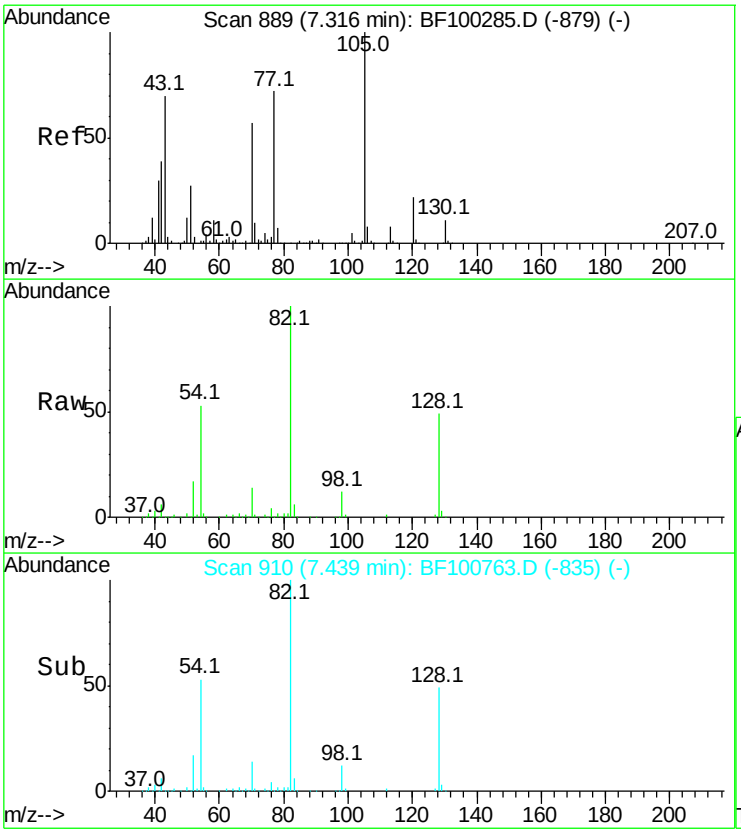
#7
Phenol-d6
Concen: 99.701 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 699384

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.9	25.4	38.0

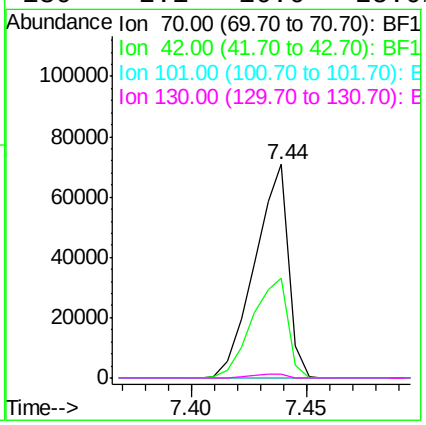


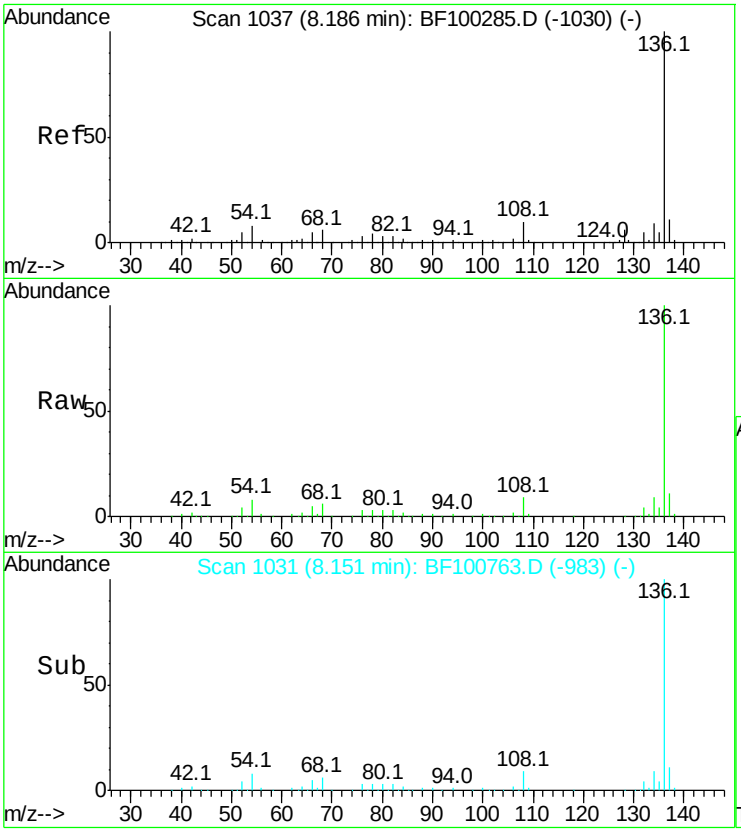


#19
n-Nitroso-di-n-propylamine
Concen: 14.813 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion: 70 Resp: 72063

Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



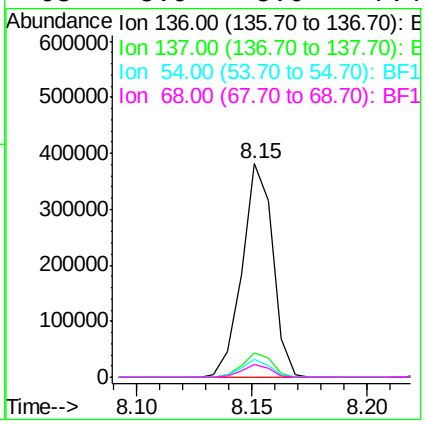


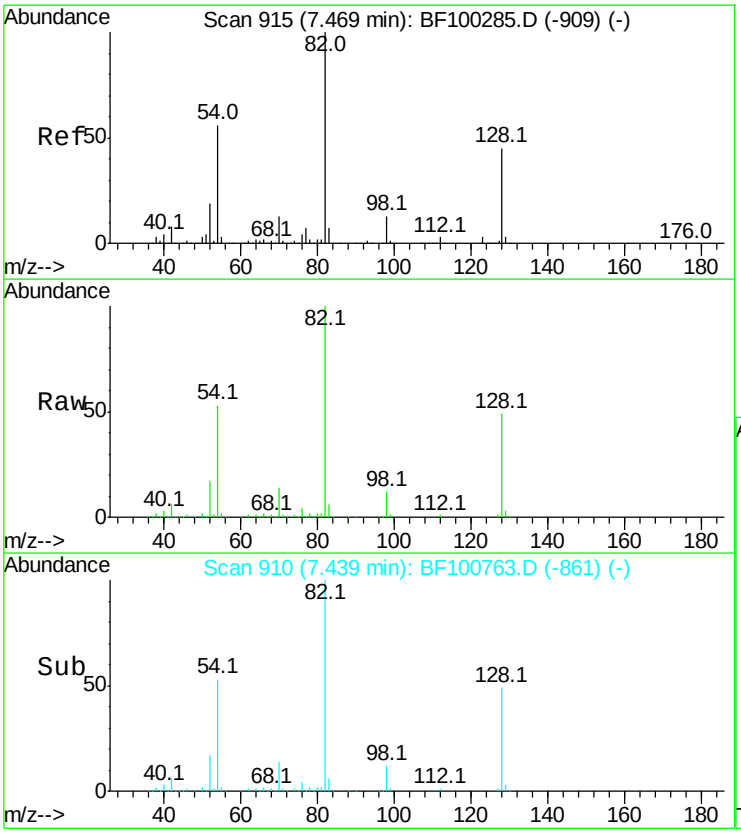
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 354846

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	5.9	5.0	7.4

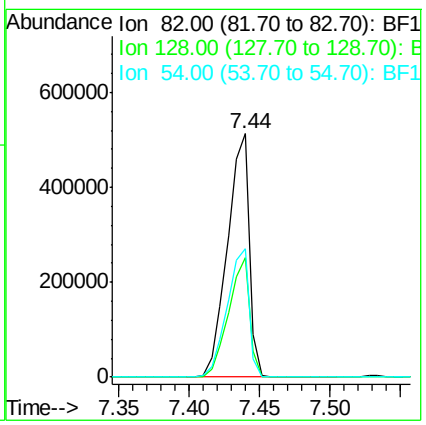


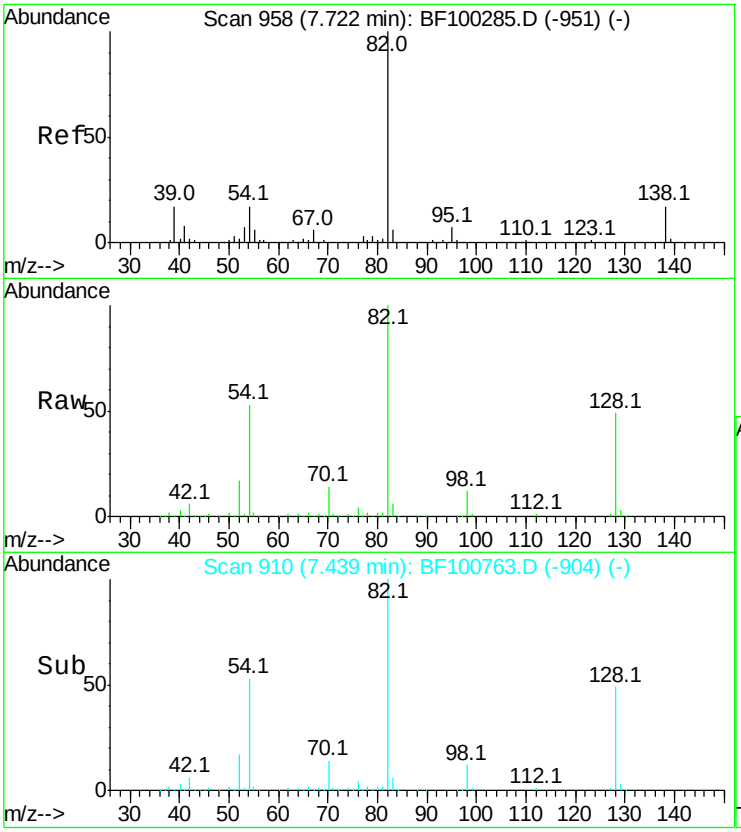


#23
Nitrobenzene-d5
Concen: 102.881 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion: 82 Resp: 552185

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	52.9	41.4	62.2



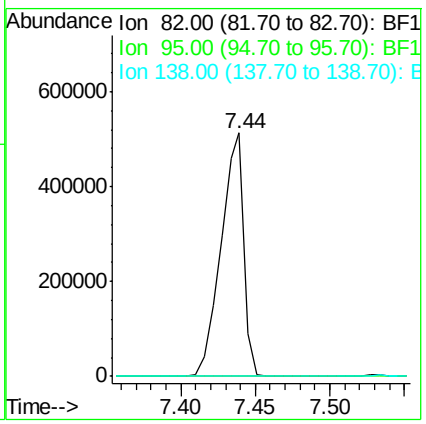


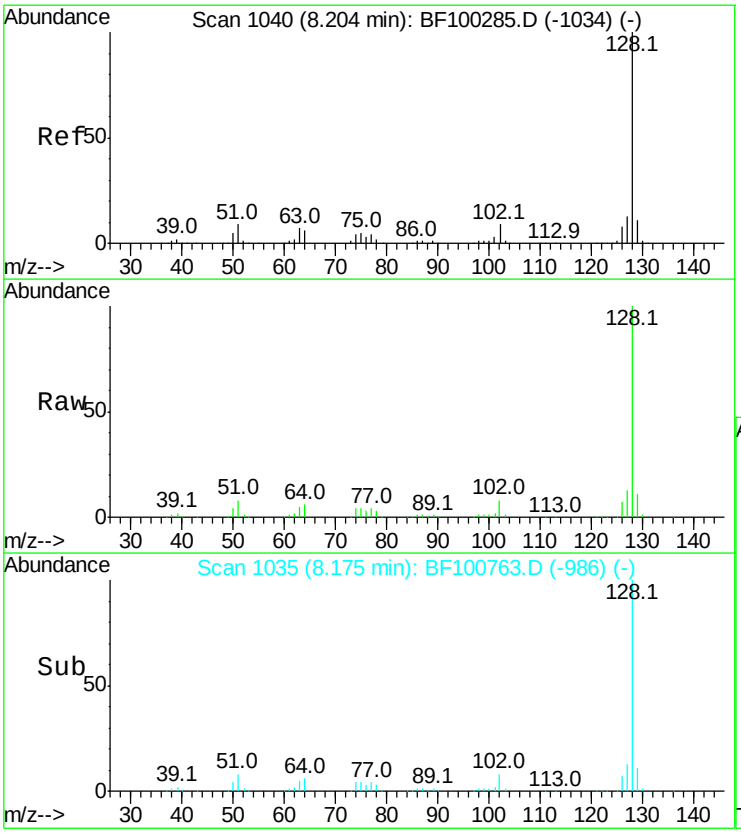
#25
Isophorone
Concen: 48.957 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 552175

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

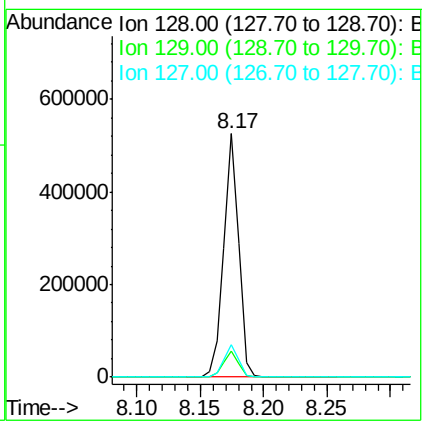


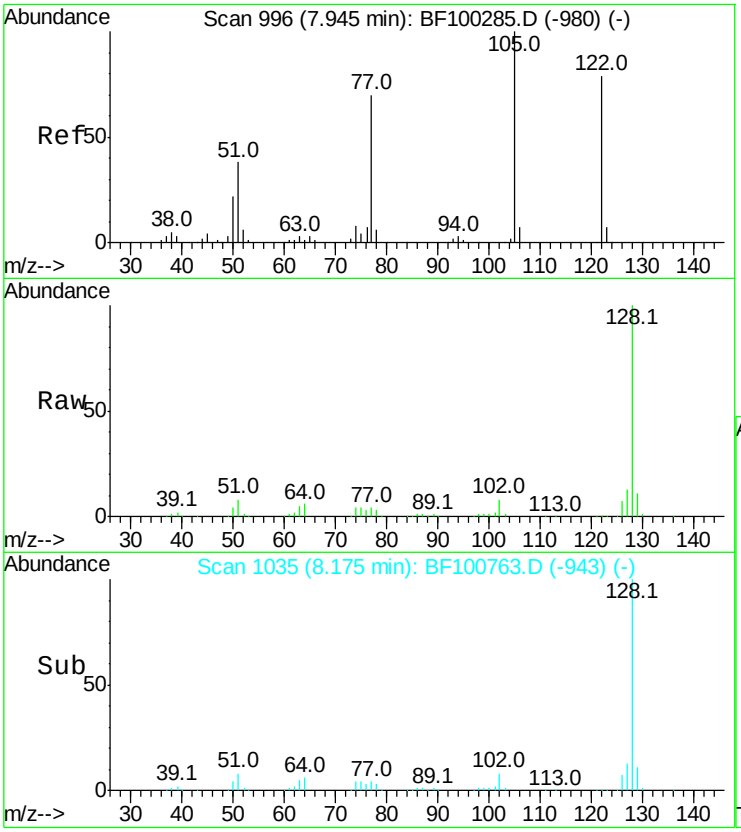


#31
Naphthalene
Concen: 25.228 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:128 Resp: 431179

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.4	10.9	16.3



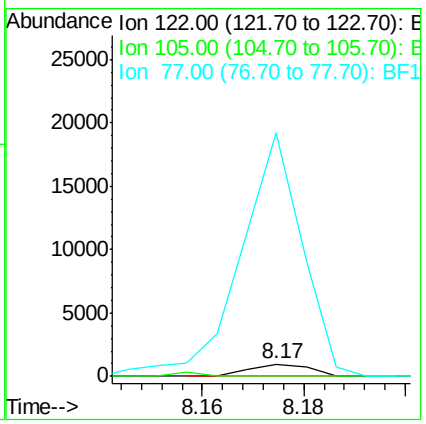


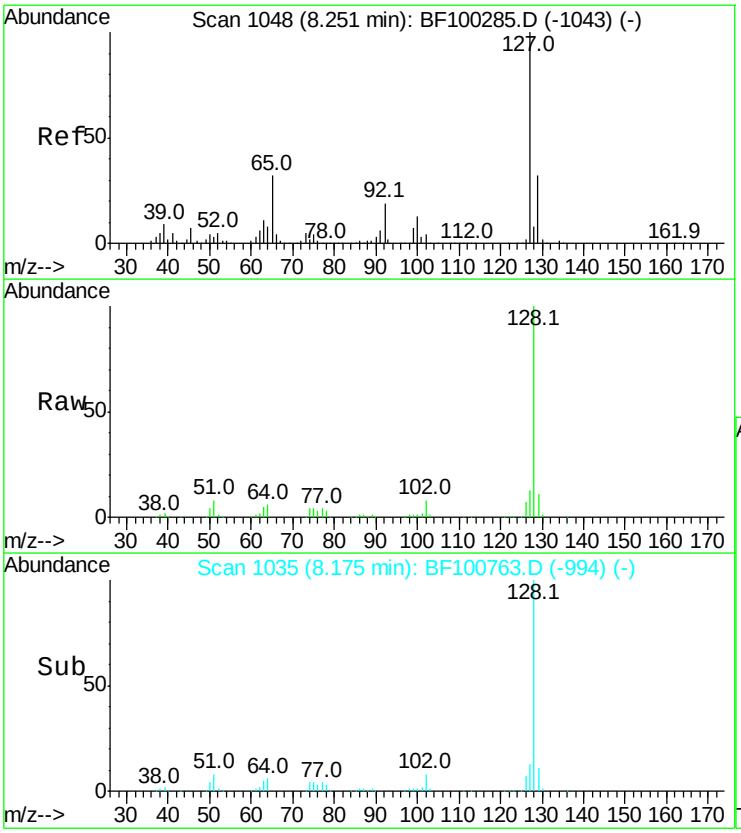
#32
Benzoic acid
Concen: 9.533 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.24 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 783

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	1987.2	70.7	110.7#

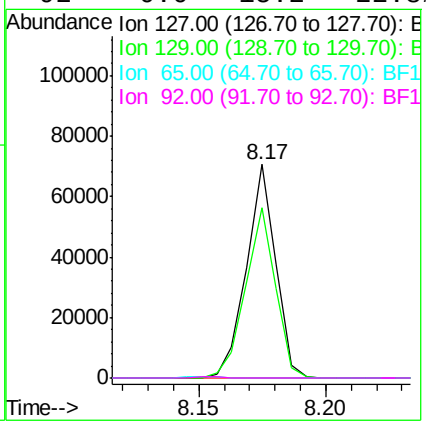


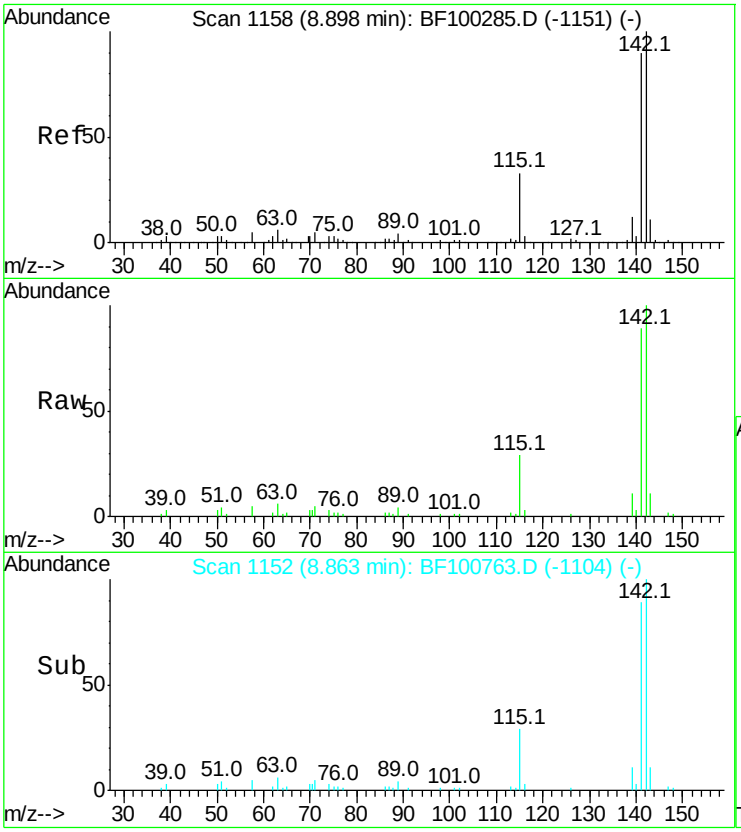


#33
4-Chloroaniline
Concen: 7.962 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:127 Resp: 56642

Ion	Ratio	Lower	Upper
127	100		
129	79.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

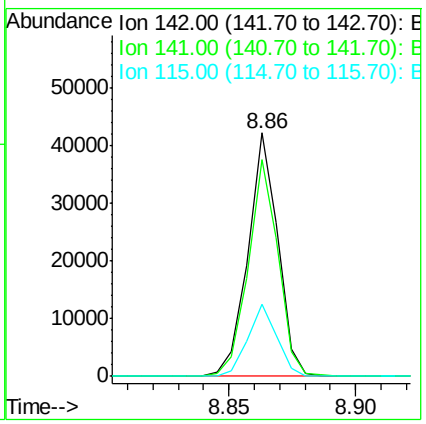




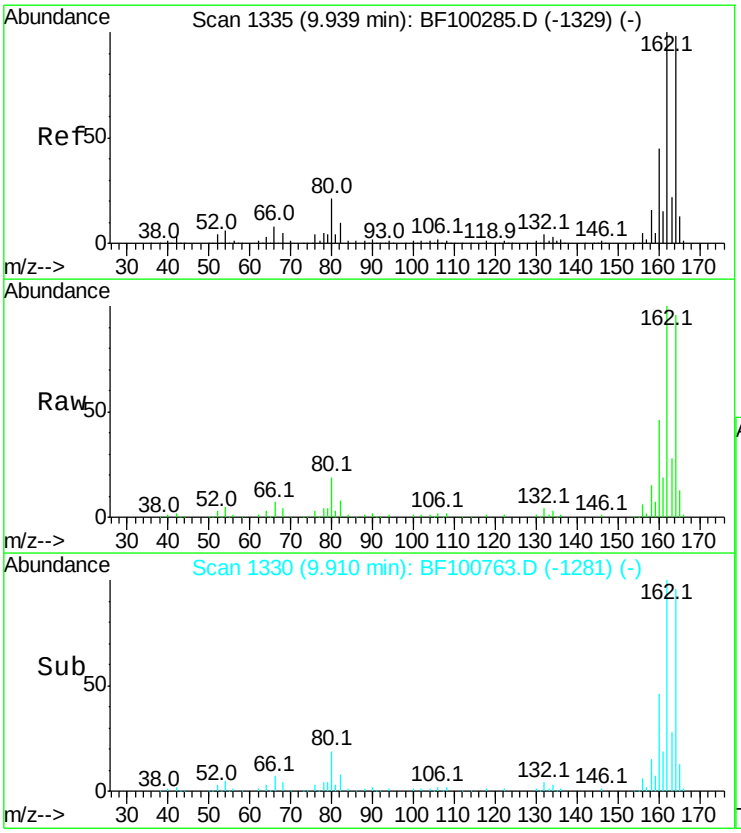
#37
2-Methylnaphthalene
Concen: 3.059 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:142 Resp: 34708

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	29.4	26.1	39.1



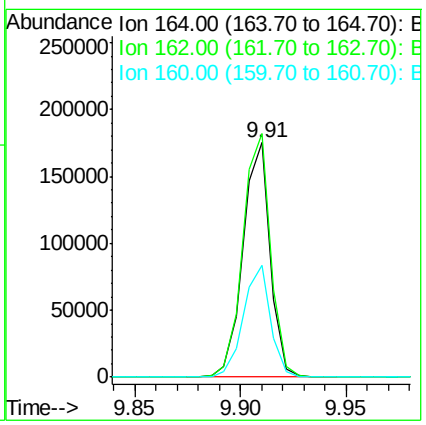
Instrument :
BNA_F
ClientSampleId :

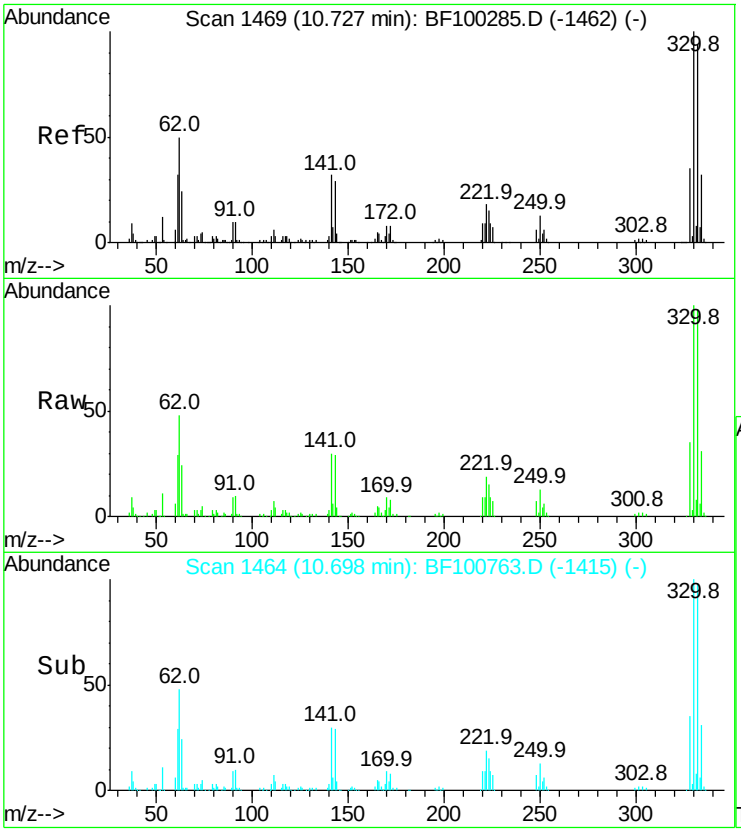


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:164 Resp: 155731

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.7	38.3	57.5



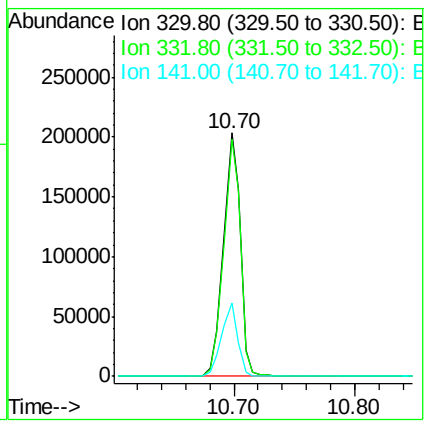


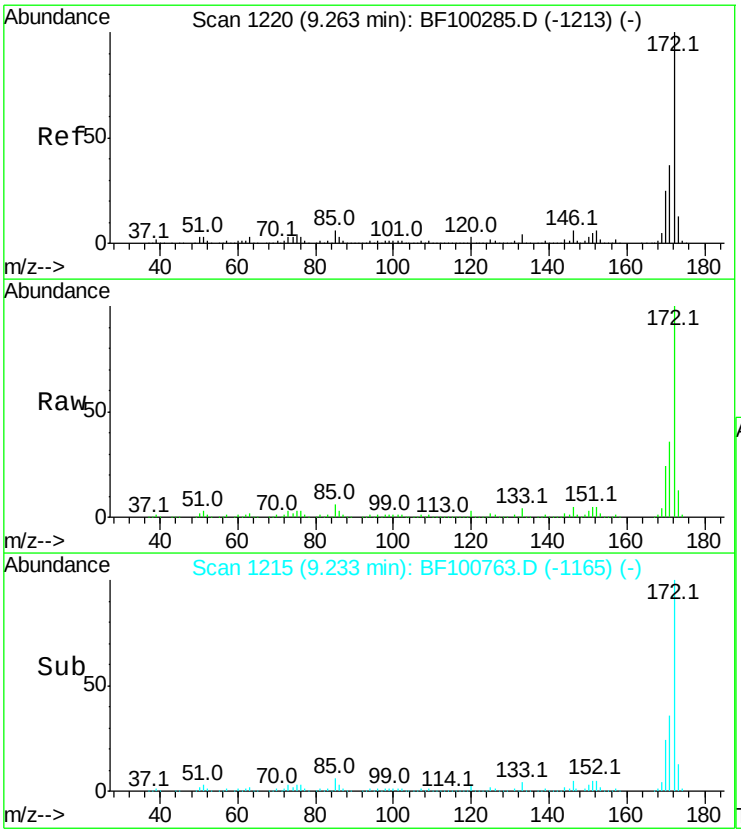
#41
2,4,6-Tribromophenol
Concen: 124.108 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 196947

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.4	29.9	44.9#

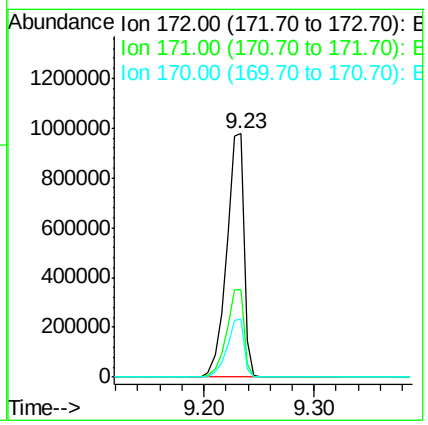


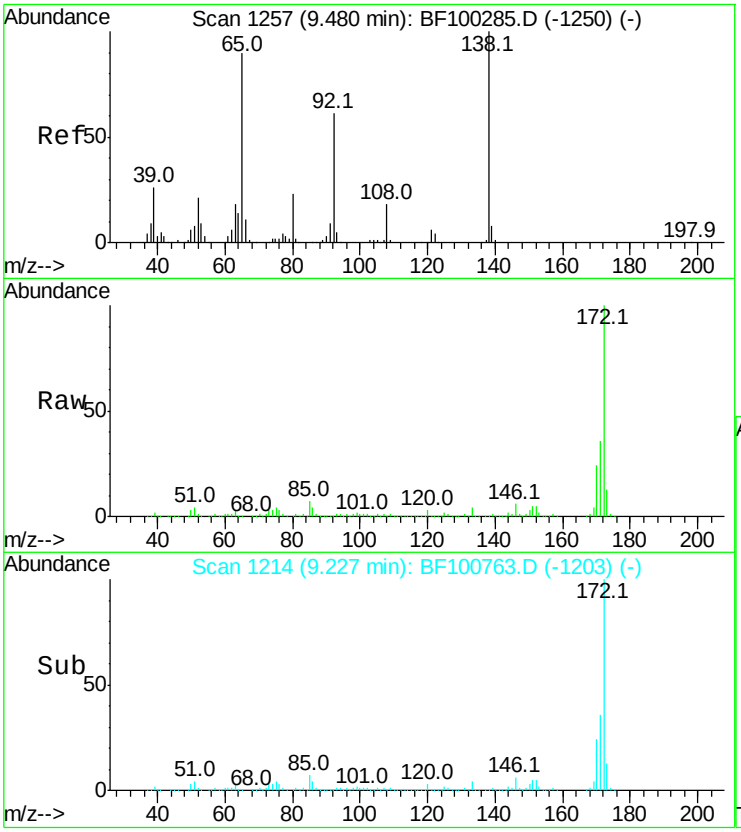


#44
2-Fluorobiphenyl
Concen: 105.010 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:172 Resp: 1073962

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



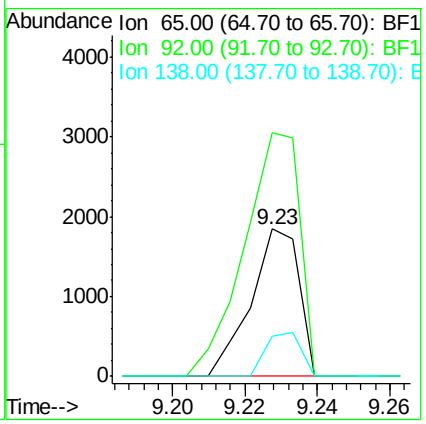


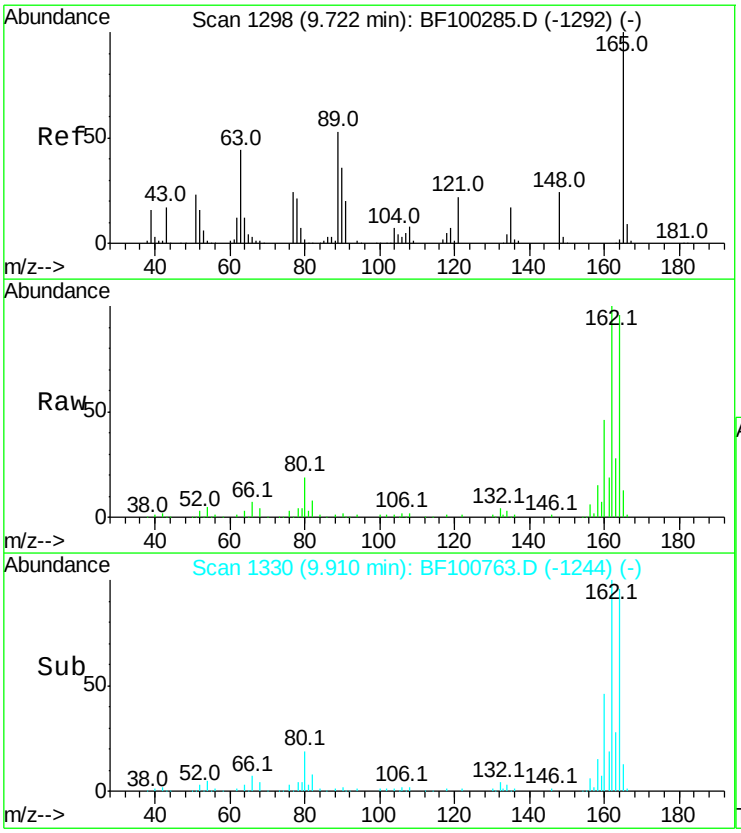
#47
2-Nitroaniline
Concen: 3.342 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1712

Ion	Ratio	Lower	Upper
65	100		
92	165.0	55.8	83.6#
138	27.3	91.2	136.8#

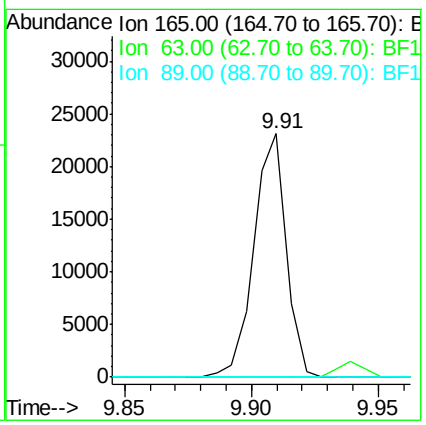


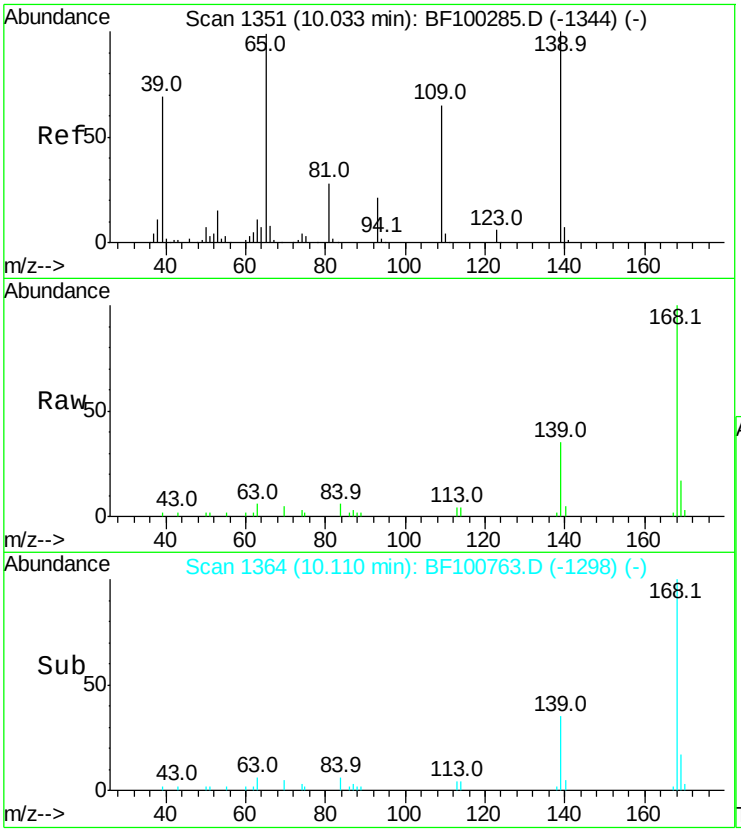


#50
2,6-Dinitrotoluene
Concen: 8.698 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:165 Resp: 20471

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



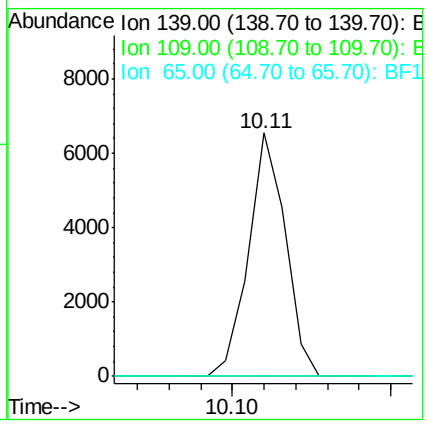


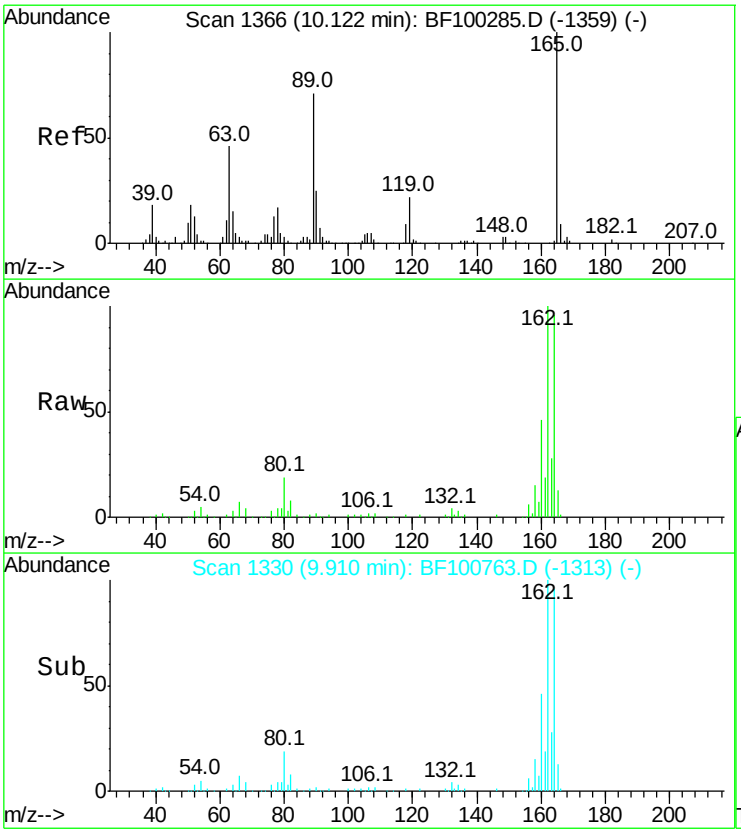
#55
4-Nitrophenol
Concen: 2.341 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5284

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

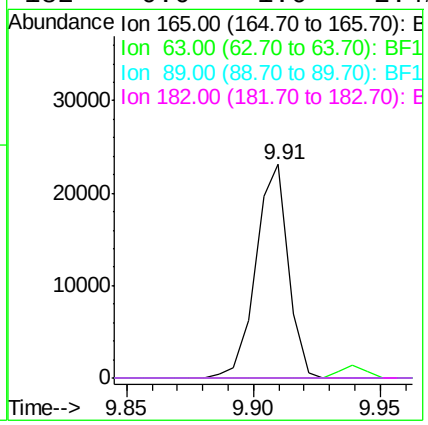


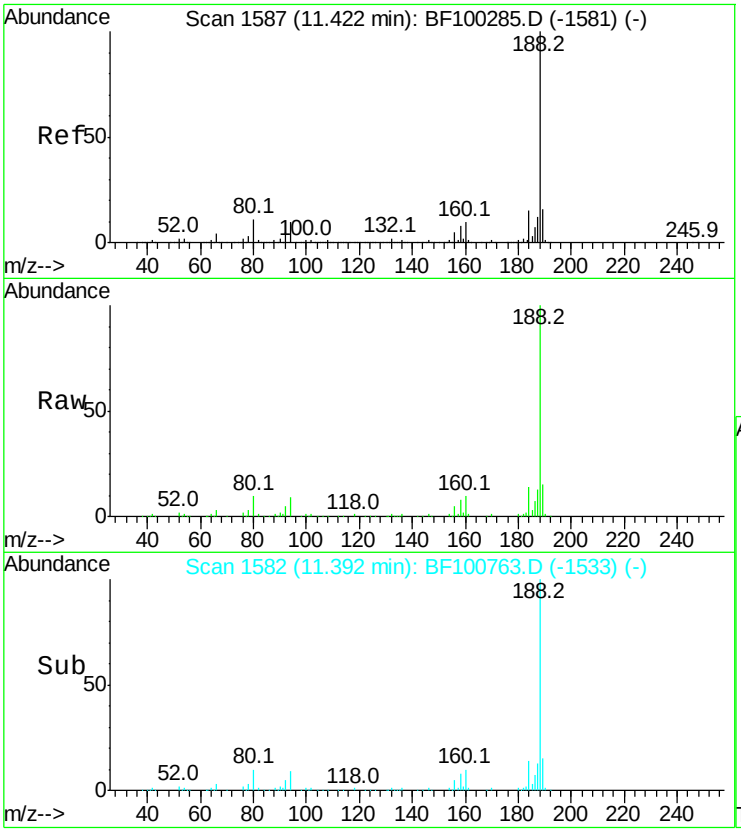


#56
2,4-Dinitrotoluene
Concen: 6.895 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:165 Resp: 20471

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#



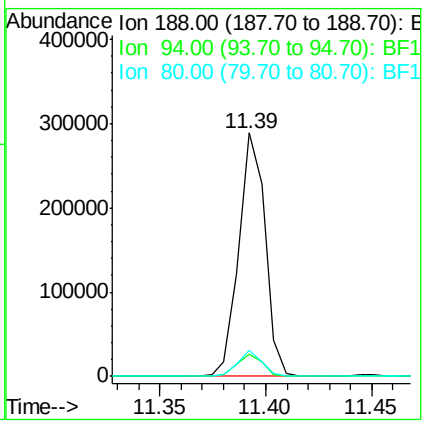


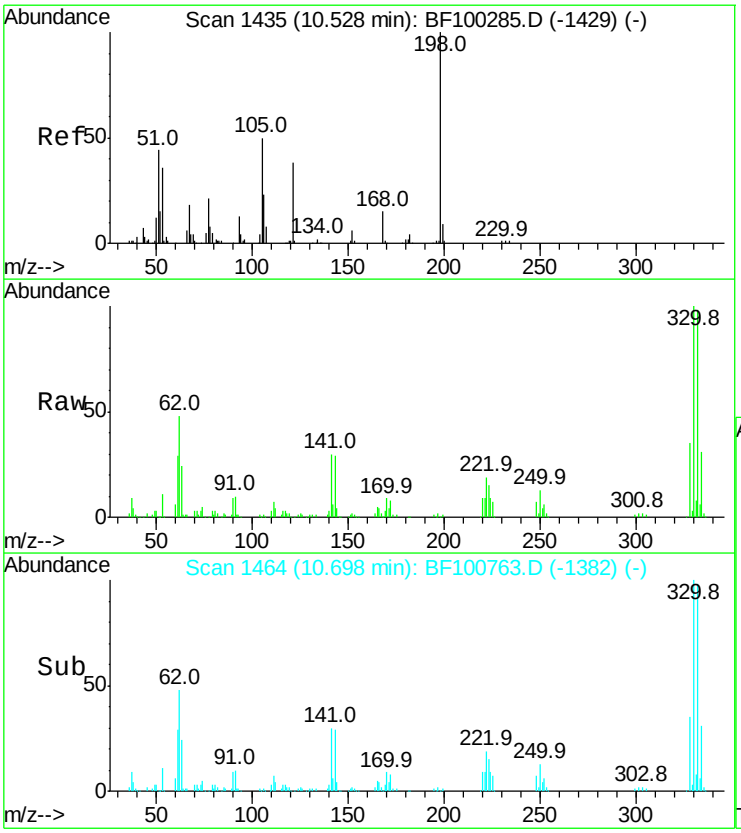
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 249268

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.4	9.2	13.8

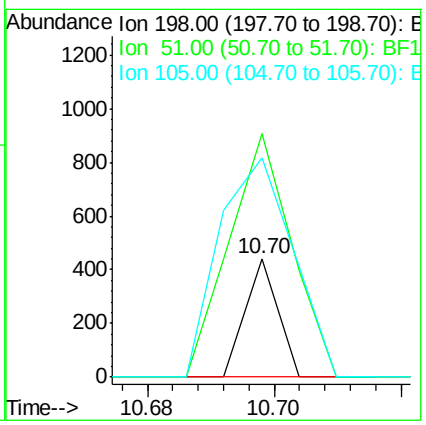


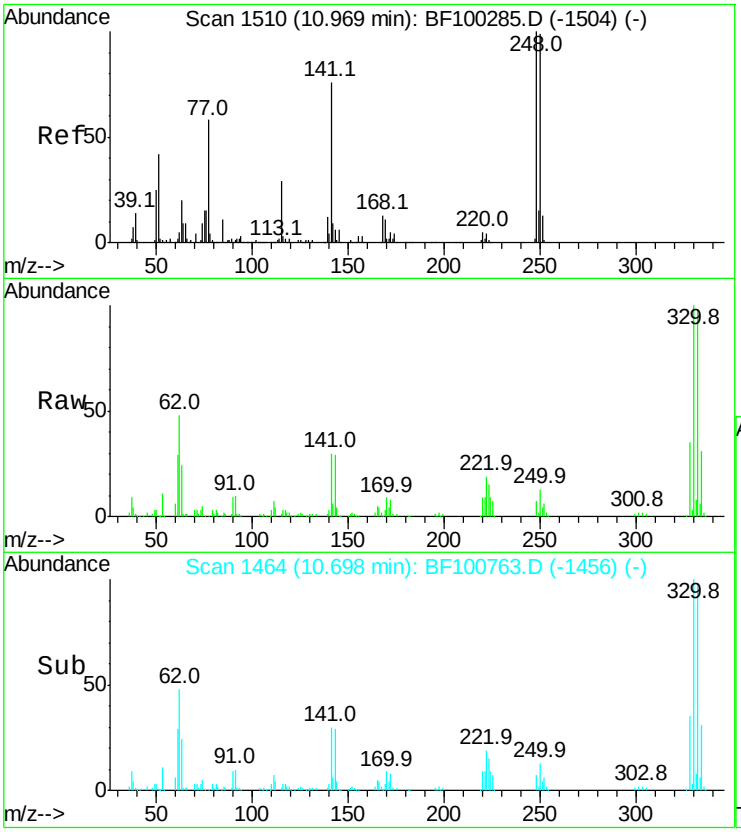


#64
4,6-Dinitro-2-methylphenol
Concen: 8.672 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:198 Resp: 156

Ion	Ratio	Lower	Upper
198	100		
51	205.2	37.7	77.7#
105	184.4	36.3	76.3#



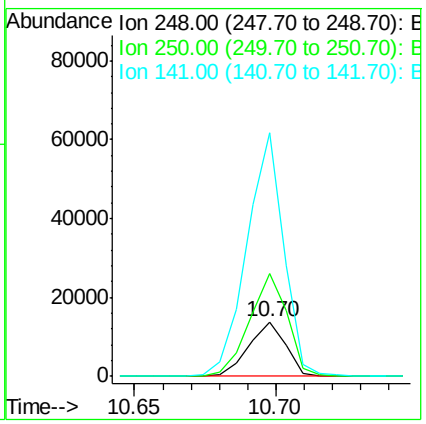


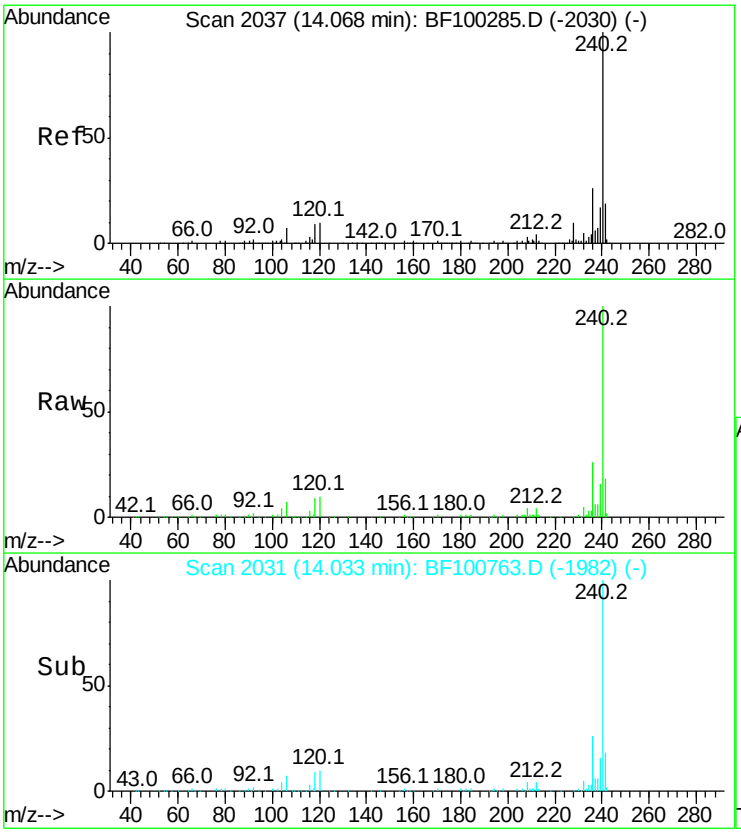
#66
4-Bromophenyl-phenylether
Concen: 4.713 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12594

Ion	Ratio	Lower	Upper
248	100		
250	188.3	76.9	115.3#
141	444.9	74.4	111.6#

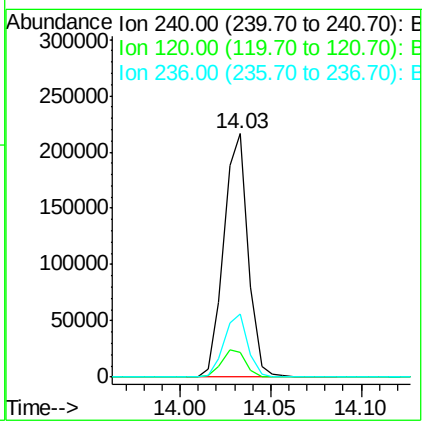


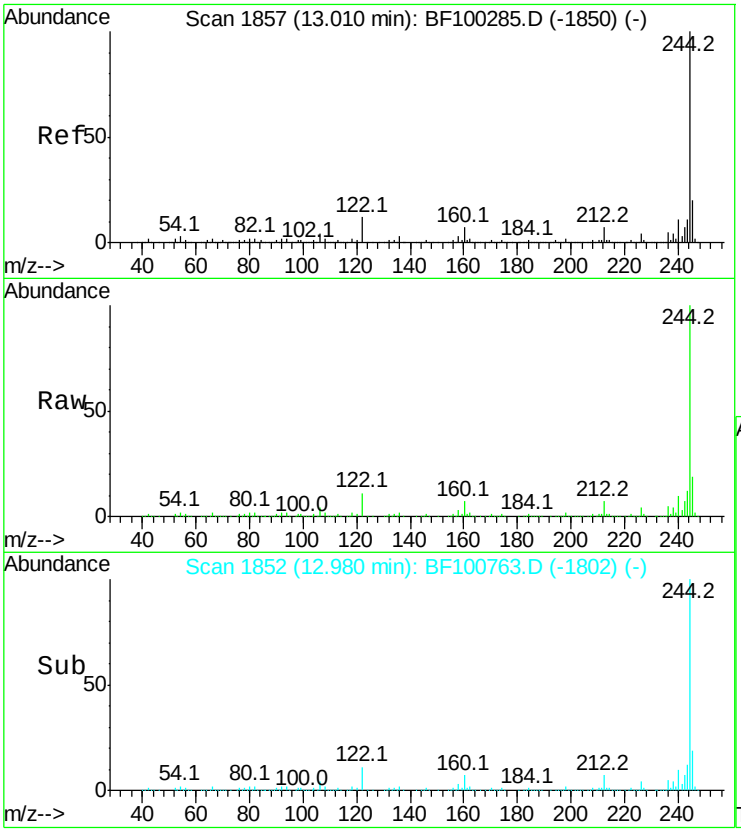


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:240 Resp: 202411

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.7	20.7	31.1



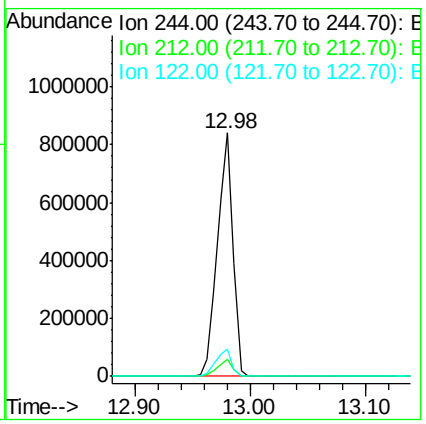


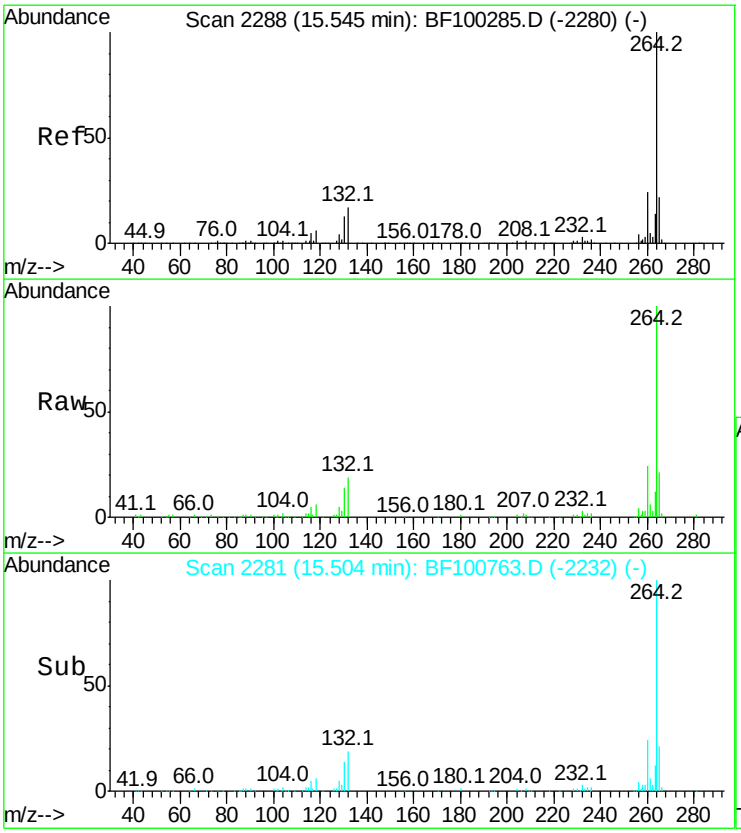
#78
Terphenyl-d14
Concen: 89.005 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100763.D
Acq: 21 Nov 2017 7:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 784072

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	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: BF100763.D
Acq: 21 Nov 2017 7:01

Tgt Ion:264 Resp: 156389

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3