Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100963.D
Acq On : 29 Nov 2017 5:18
Operator : SJ/JU
Sample : I6603-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 06:22:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63566	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237525	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	103515	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	174753	20.00	ng	0.00
75) Chrysene-d12	14.02	240	138031	20.00	ng	0.00
86) Perylene-d12	15.49	264	119674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	172914	43.60	ng	0.00
7) Phenol-d6	6.48	99	143104	29.26	ng	-0.01
23) Nitrobenzene-d5	7.43	82	397461	110.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	98376	93.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	794962	116.94	ng	0.00
78) Terphenyl-d14	12.97	244	570776	95.01	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	52620	15.517	ng	# 79
25) Isophorone	7.43	82	397457	52.645	ng	# 64
47) 2-Nitroaniline	9.22	65	1111	3.329	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	12882	8.234	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	12882	6.527	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	5989	3.197	ng	# 1

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

Quantitation Report (Not Reviewed)

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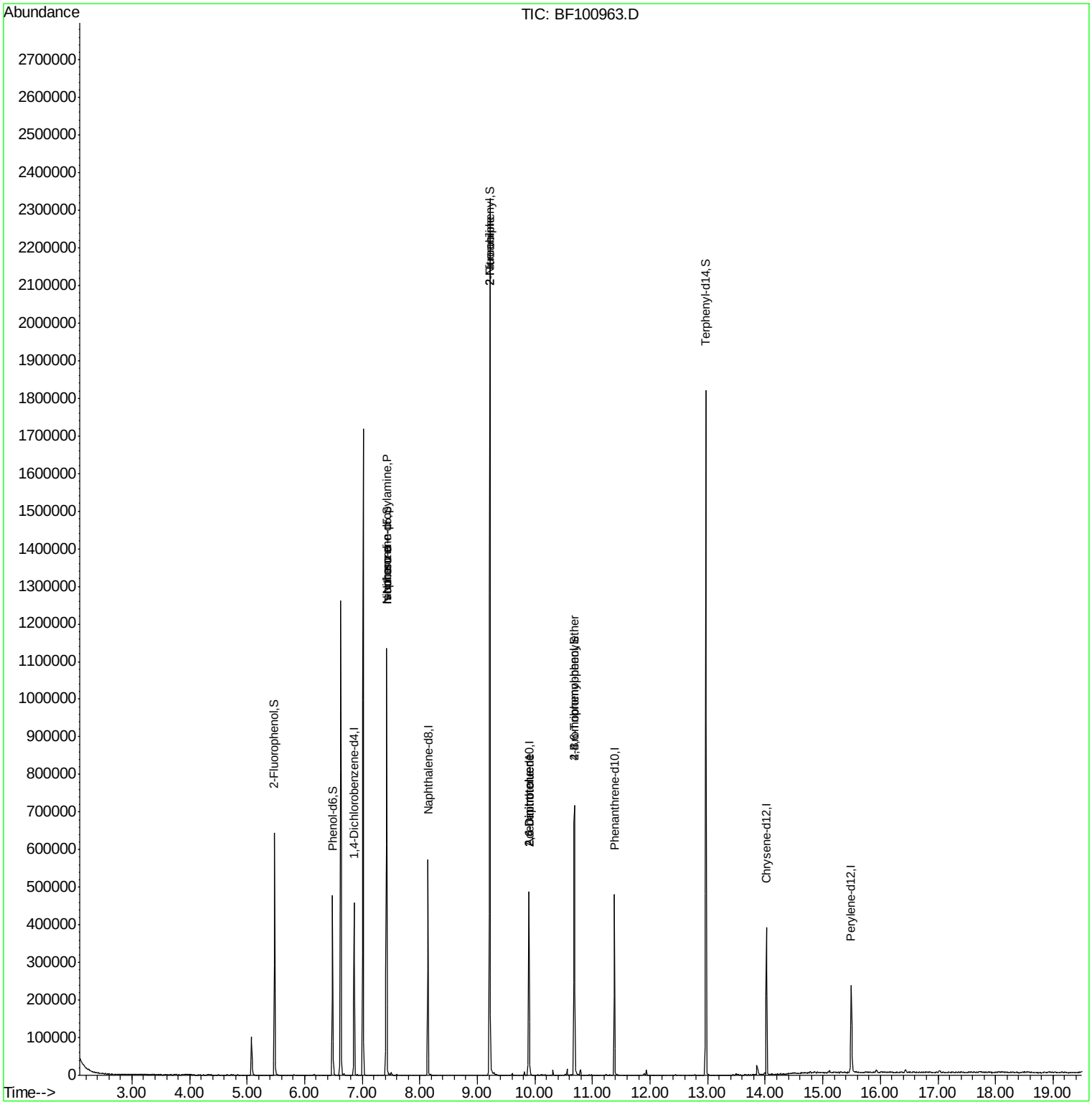
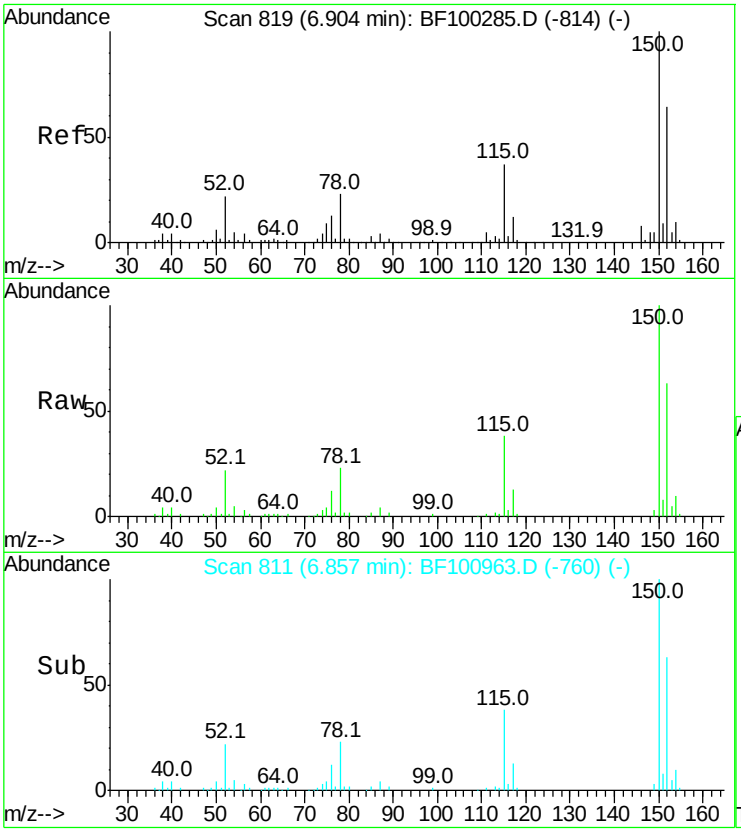


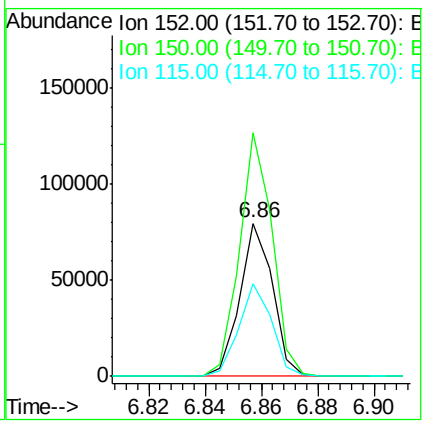


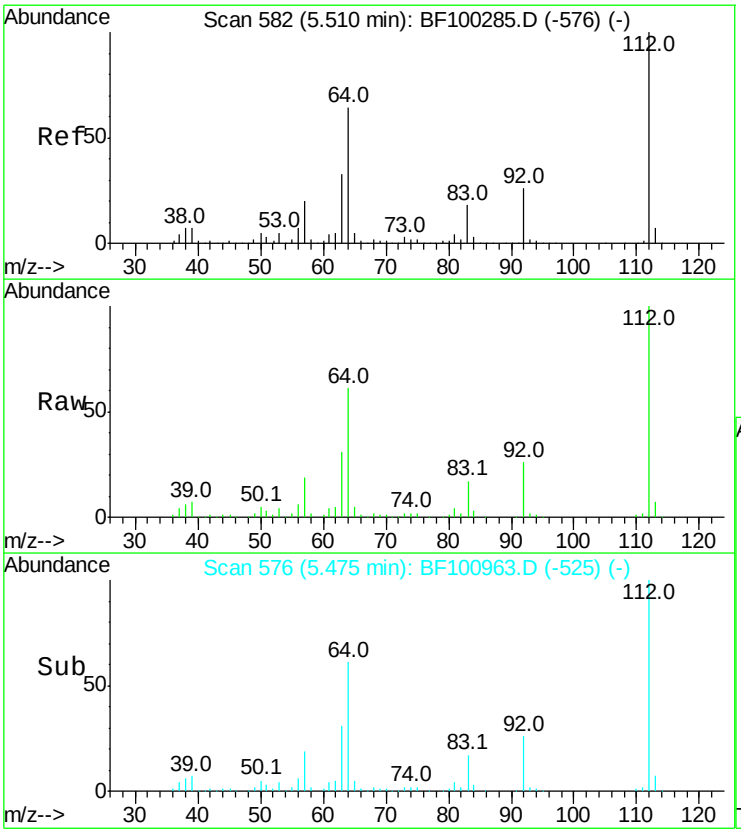
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63566

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	60.6	50.1	75.1

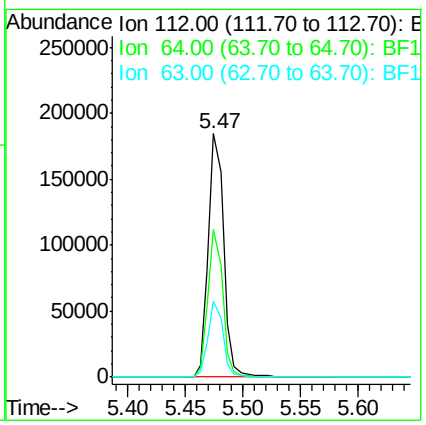


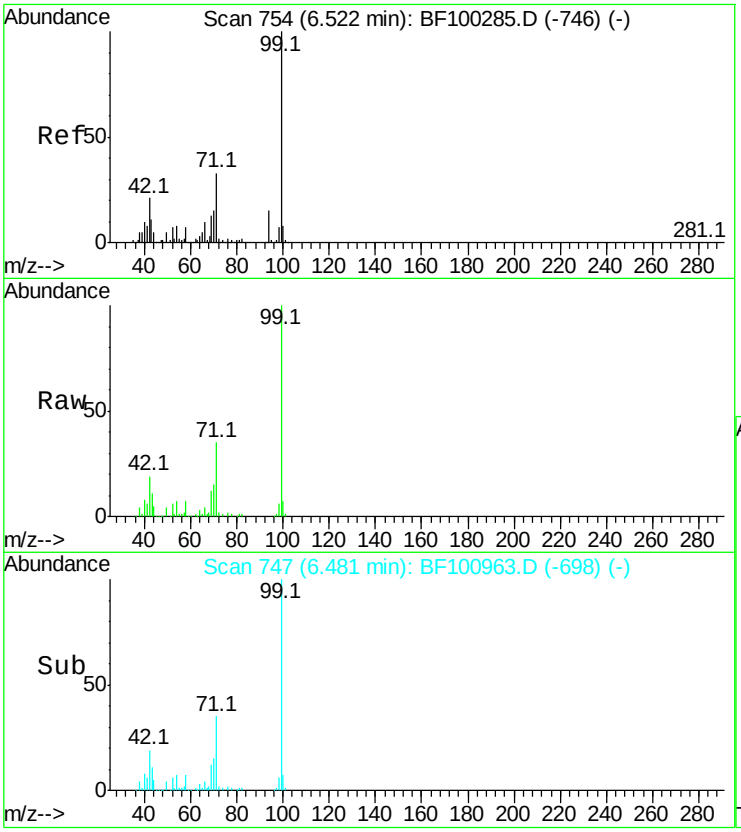


#5
2-Fluorophenol
Concen: 43.605 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:112 Resp: 172914

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.3	23.7	35.5



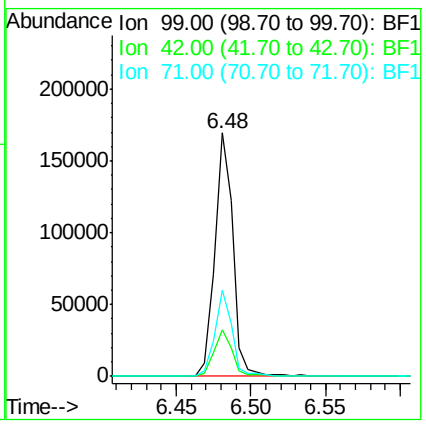


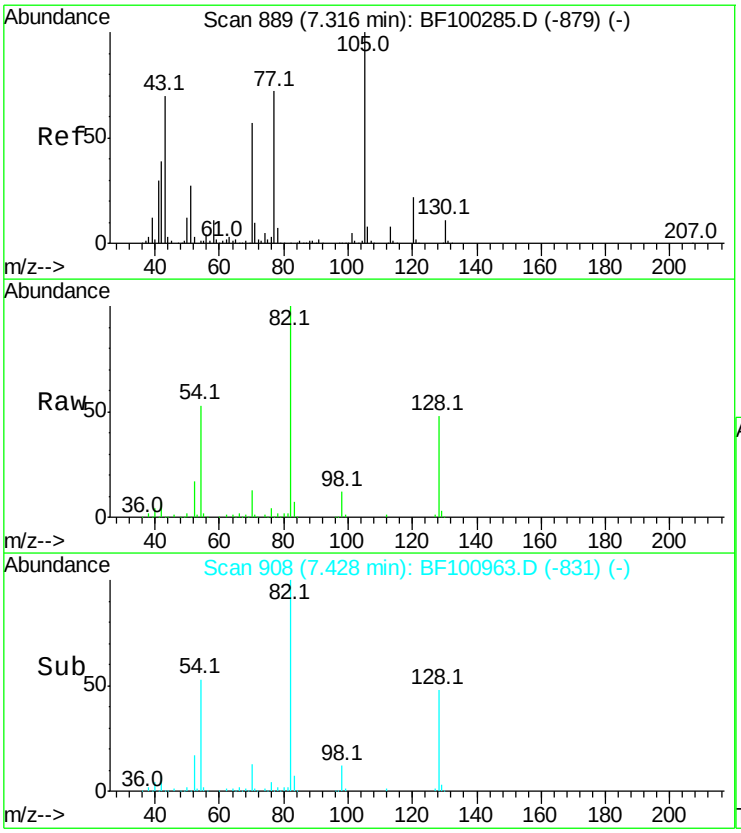
#7
Phenol-d6
Concen: 29.265 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 143104

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	35.2	25.4	38.0

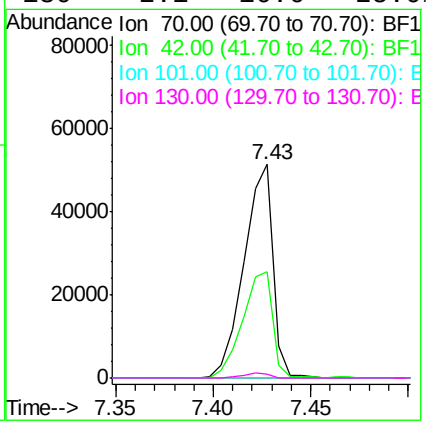


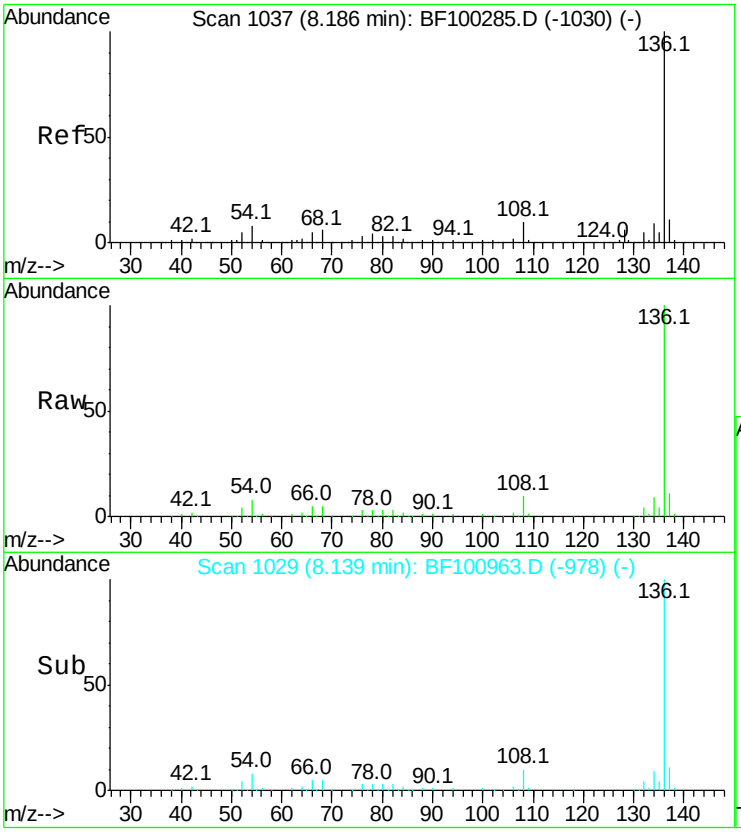


#19
n-Nitroso-di-n-propylamine
Concen: 15.517 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion: 70 Resp: 52620

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



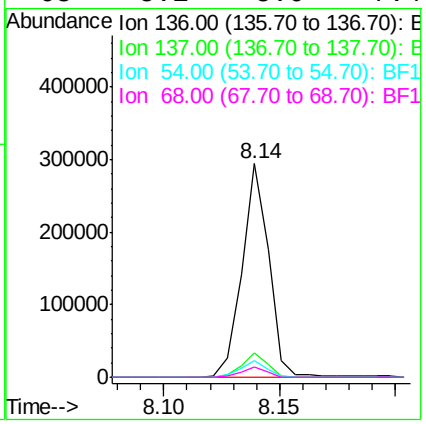


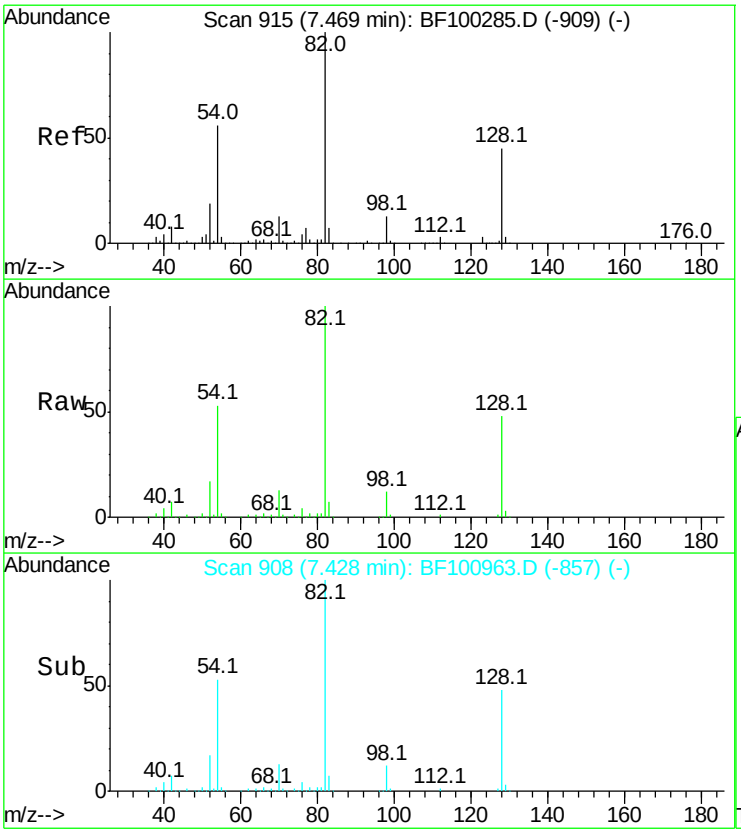
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 237525

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	5.1	5.0	7.4

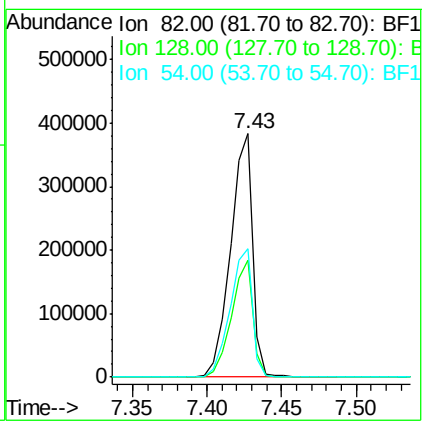


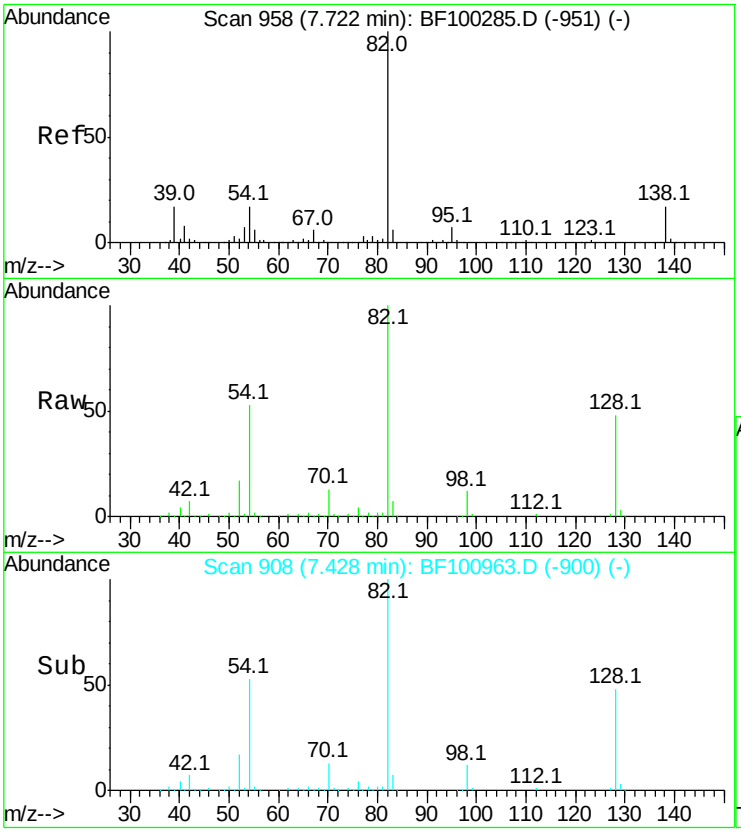


#23
Nitrobenzene-d5
Concen: 110.630 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion: 82 Resp: 397461

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	52.7	41.4	62.2



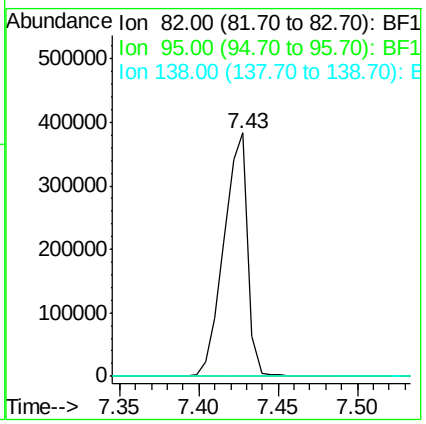


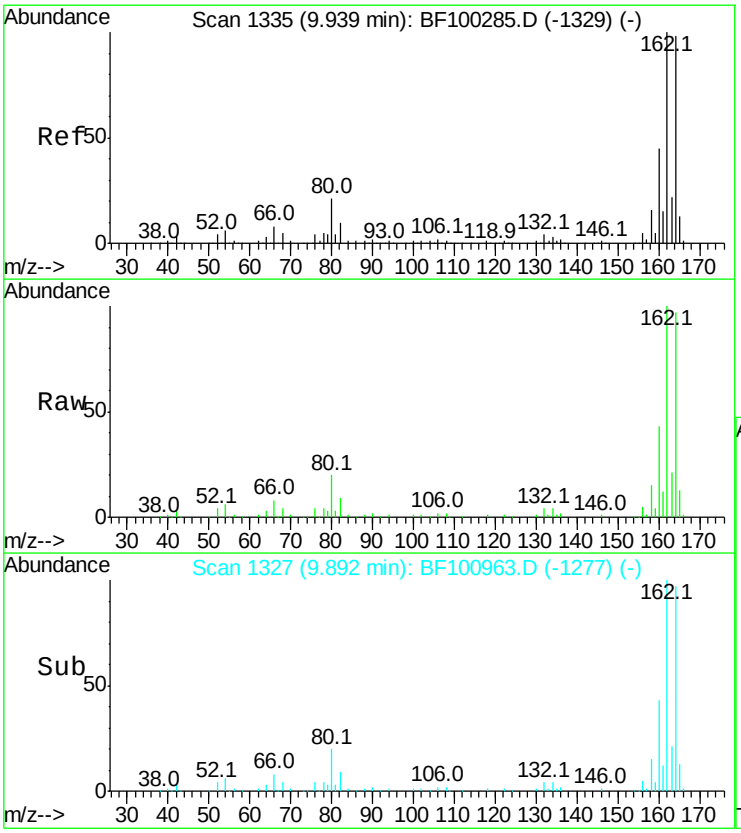
#25
Isophorone
Concen: 52.645 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 397457

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

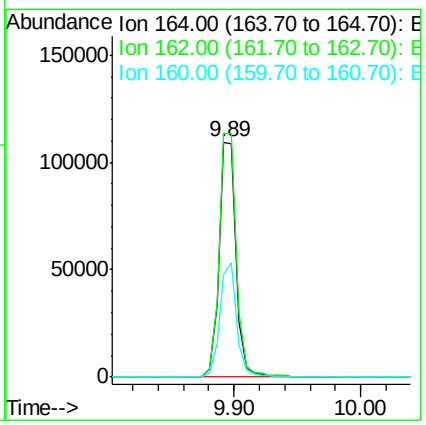


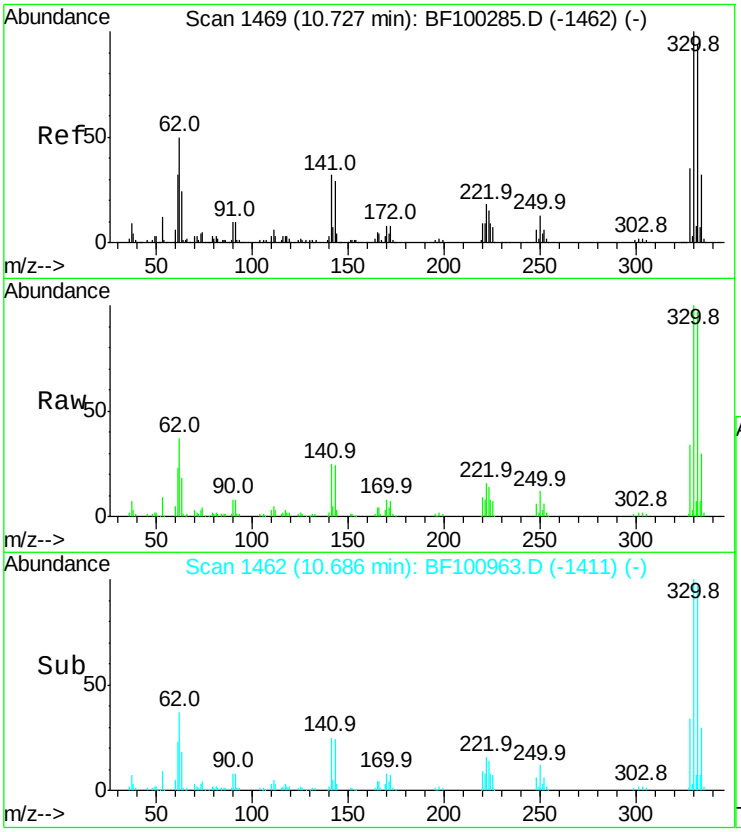


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:164 Resp: 103515

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	44.0	38.3	57.5



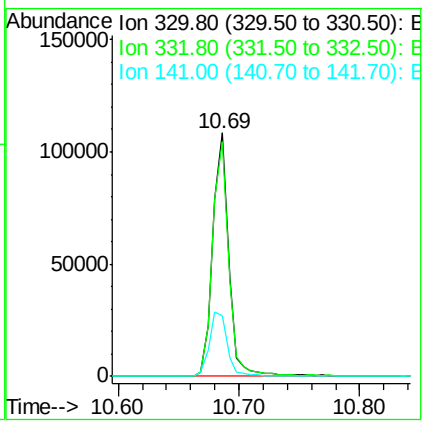


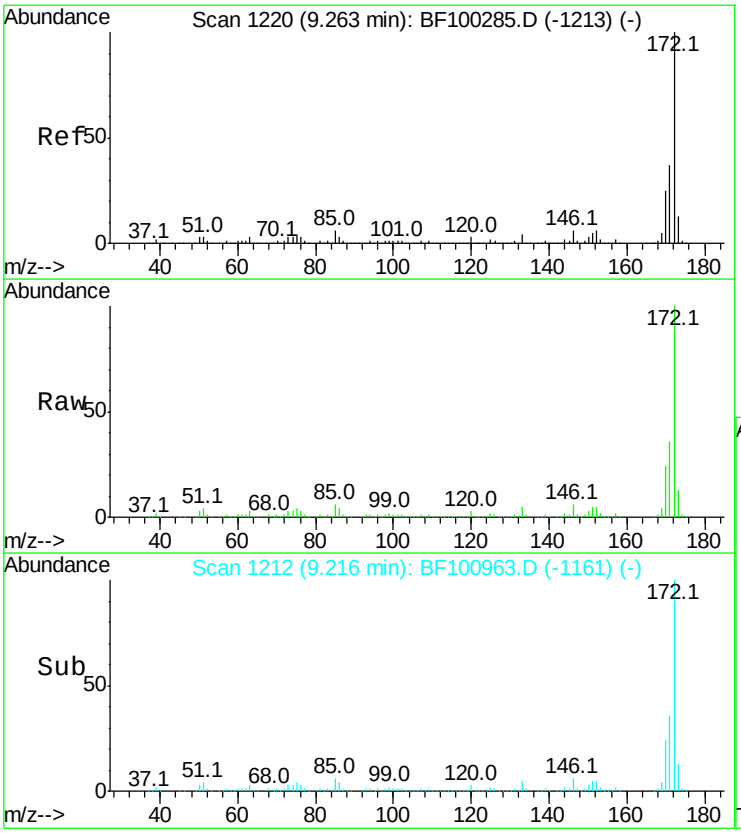
#41
2,4,6-Tribromophenol
Concen: 93.263 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 98376

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.2	29.9	44.9#

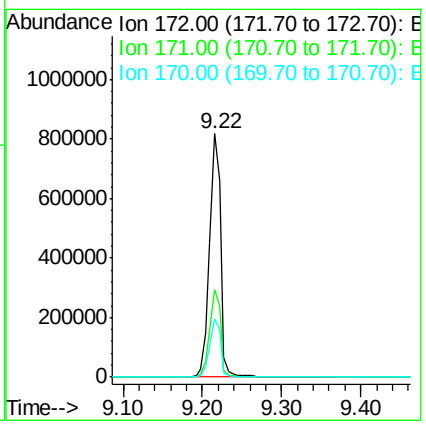


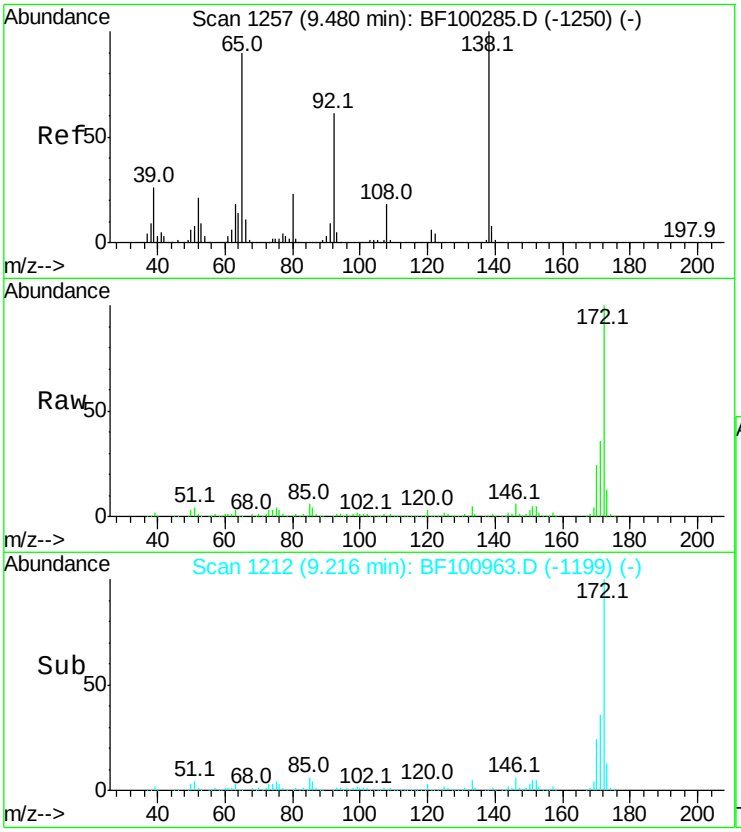


#44
2-Fluorobiphenyl
Concen: 116.939 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:172 Resp: 794962

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



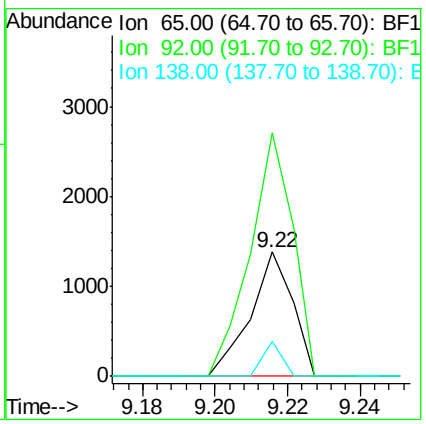


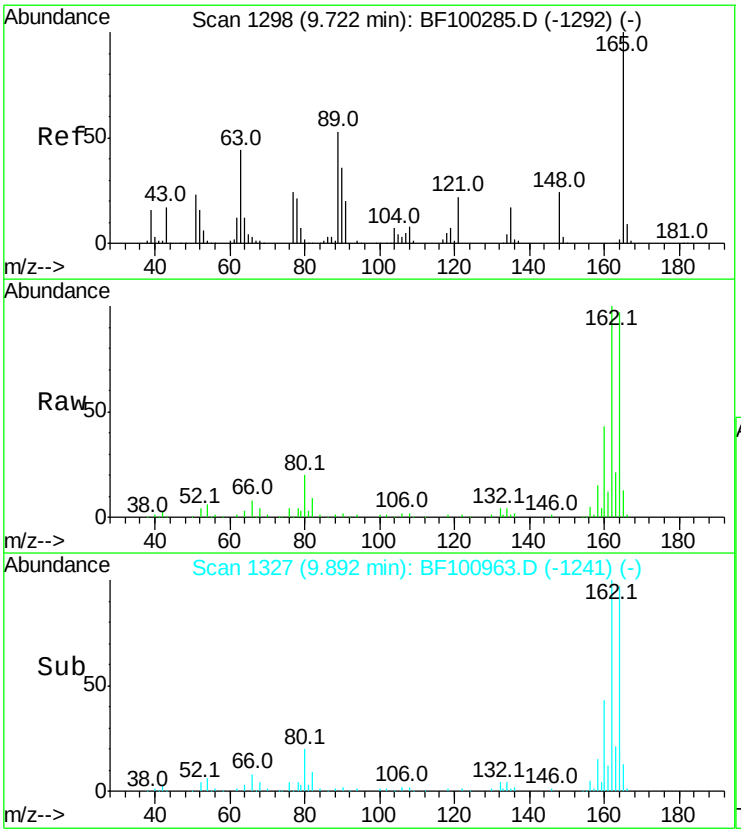
#47
2-Nitroaniline
Concen: 3.329 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 1111

Ion	Ratio	Lower	Upper
65	100		
92	195.9	55.8	83.6#
138	28.3	91.2	136.8#

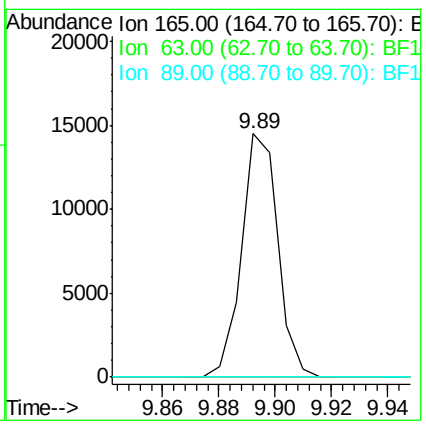


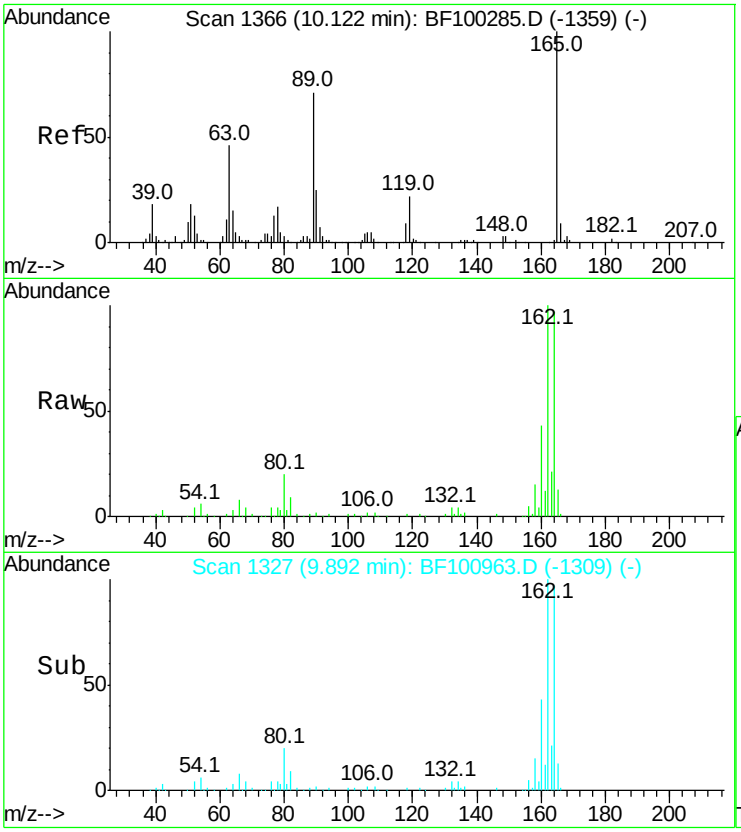


#50
2,6-Dinitrotoluene
Concen: 8.234 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:165 Resp: 12882

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



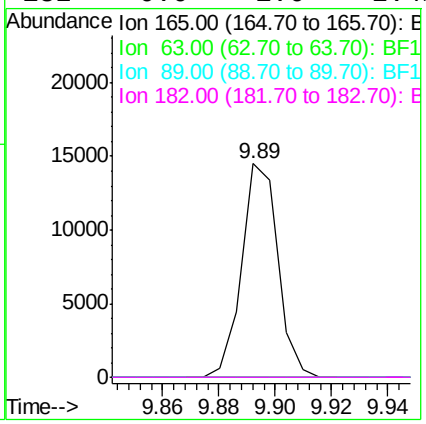


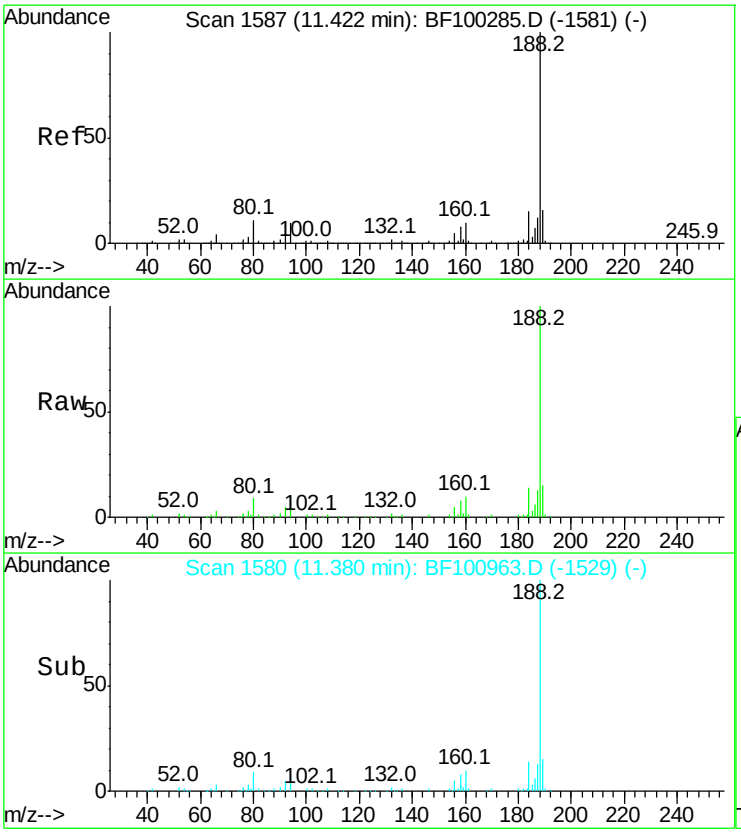
#56
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12882

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#

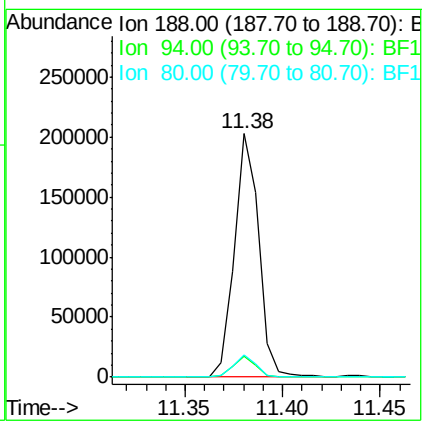


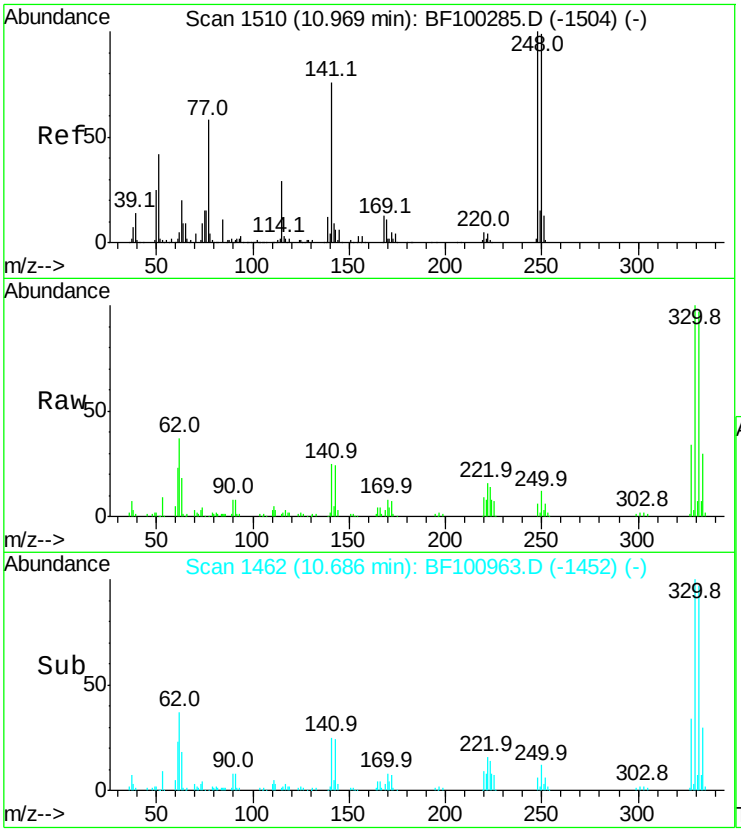


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:188 Resp: 174753

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8



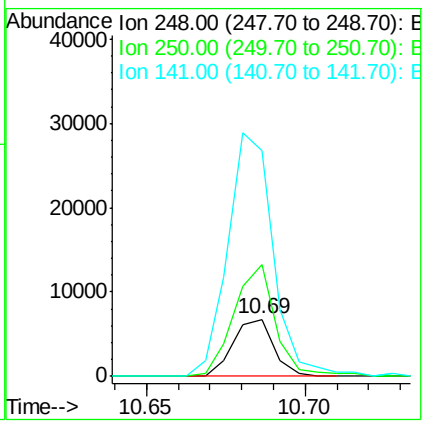


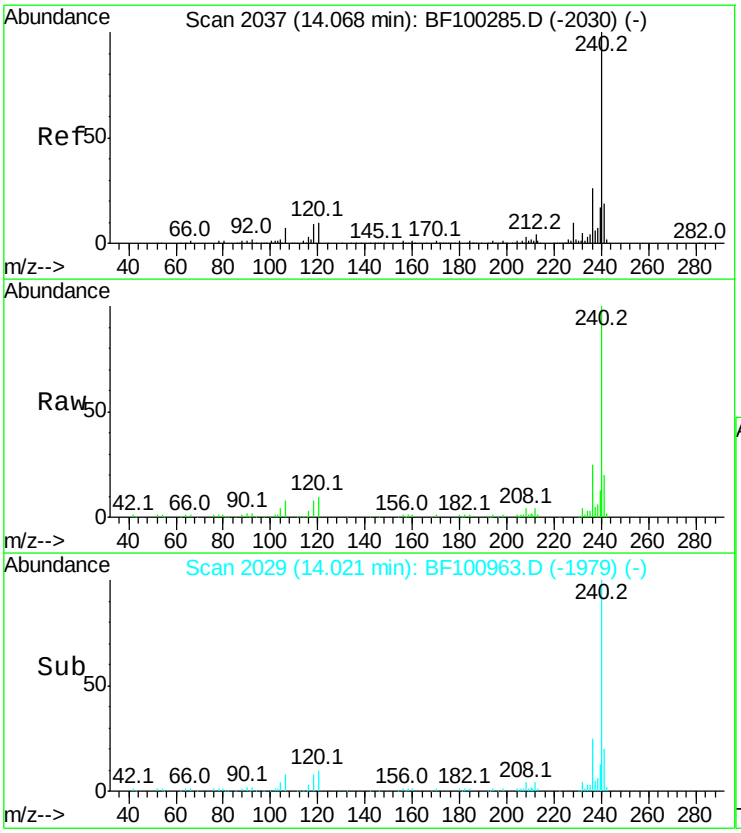
#66
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5989

Ion	Ratio	Lower	Upper
248	100		
250	196.4	76.9	115.3#
141	397.2	74.4	111.6#

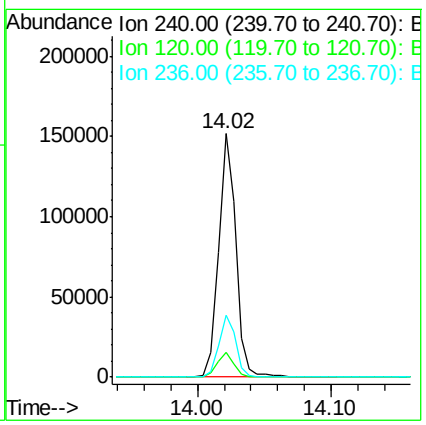


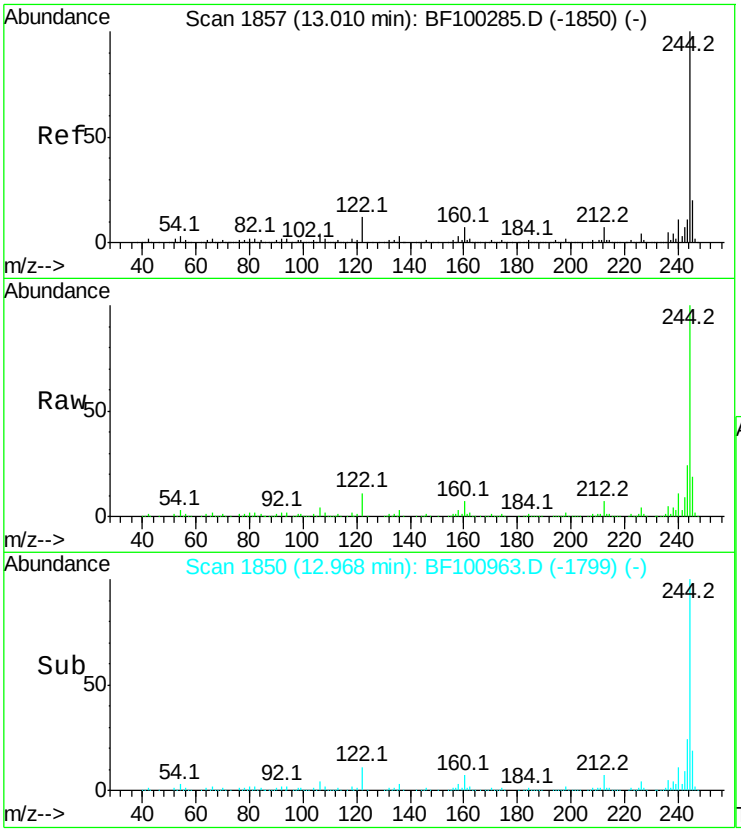


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:240 Resp: 138031

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.7	31.1



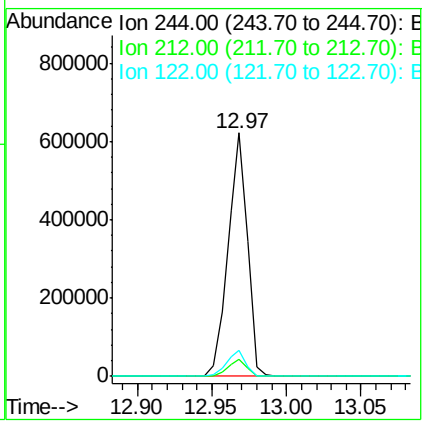


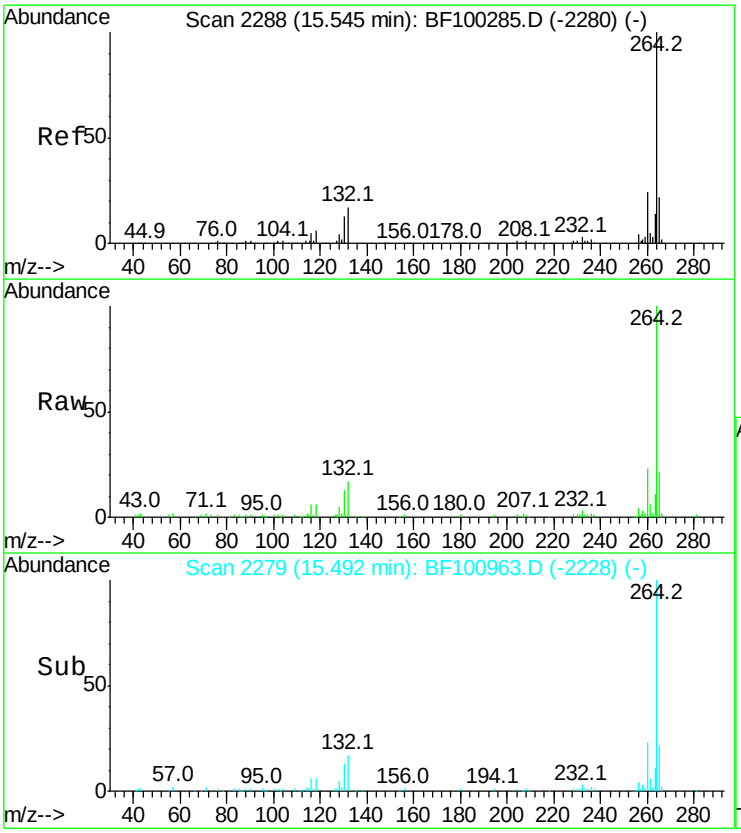
#78
Terphenyl-d14
Concen: 95.013 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 570776

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:264 Resp: 119674

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3