Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101037.D
Acq On : 1 Dec 2017 00:13
Operator : SJ/JU
Sample : I6641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 03:29:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58150	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	215973	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	86430	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	130196	20.00	ng		0.00
75) Chrysene-d12	14.02	240	131386	20.00	ng		0.00
86) Perylene-d12	15.50	264	93630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	407013	115.66	ng		0.01
7) Phenol-d6	6.49	99	492550	115.29	ng		0.00
23) Nitrobenzene-d5	7.42	82	291942	80.64	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	95163	91.66	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	551140	87.25	ng		0.00
78) Terphenyl-d14	12.96	244	402401	66.99	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	8854	3.386	ng		84
10) Phenol	6.50	94	17305	3.643	ng	#	73
19) n-Nitroso-di-n-propylamine	7.42	70	37767	13.126	ng	#	83
25) Isophorone	7.42	82	291942	47.208	ng	#	64
49) Dimethylphthalate	9.60	163	19021	2.729	ng	#	96
50) 2,6-Dinitrotoluene	9.89	165	10856	7.395	ng	#	24
56) 2,4-Dinitrotoluene	9.89	165	10856	5.518	ng	#	21
66) 4-Bromophenyl-phenylether	10.68	248	6103	4.188	ng	#	1

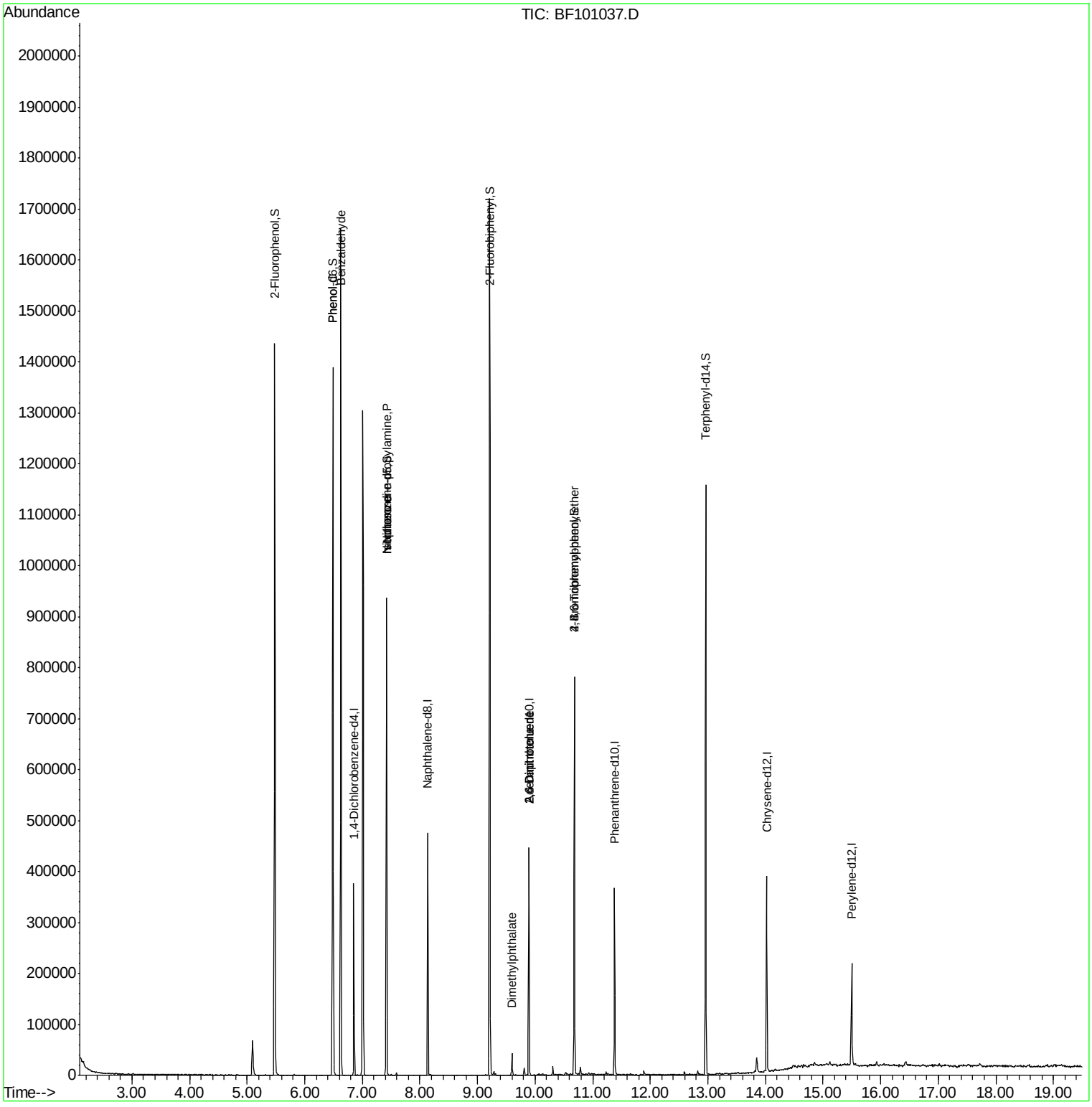
(#) = qualifier out of range (m) = manual integration (+) = signals summed

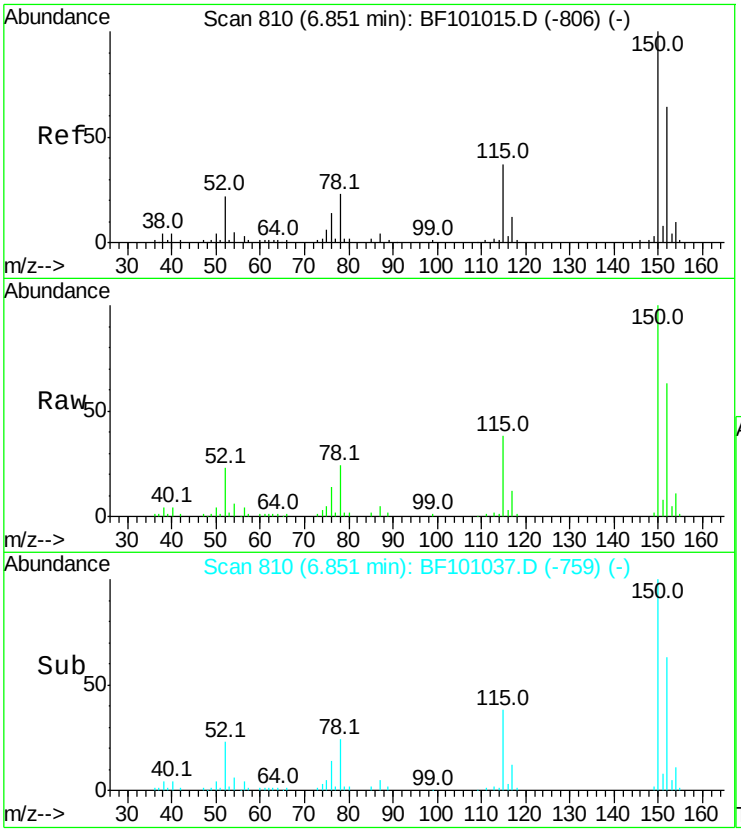
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101037.D
Acq On : 1 Dec 2017 00:13
Operator : SJ/JU
Sample : I6641-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 03:29:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration



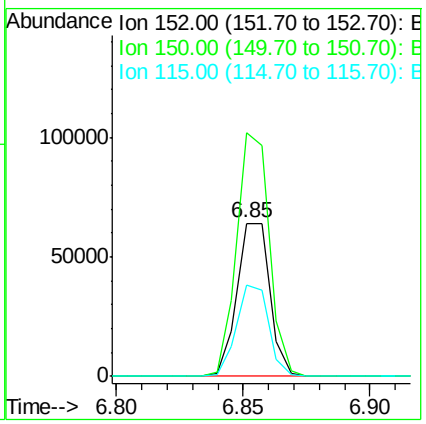


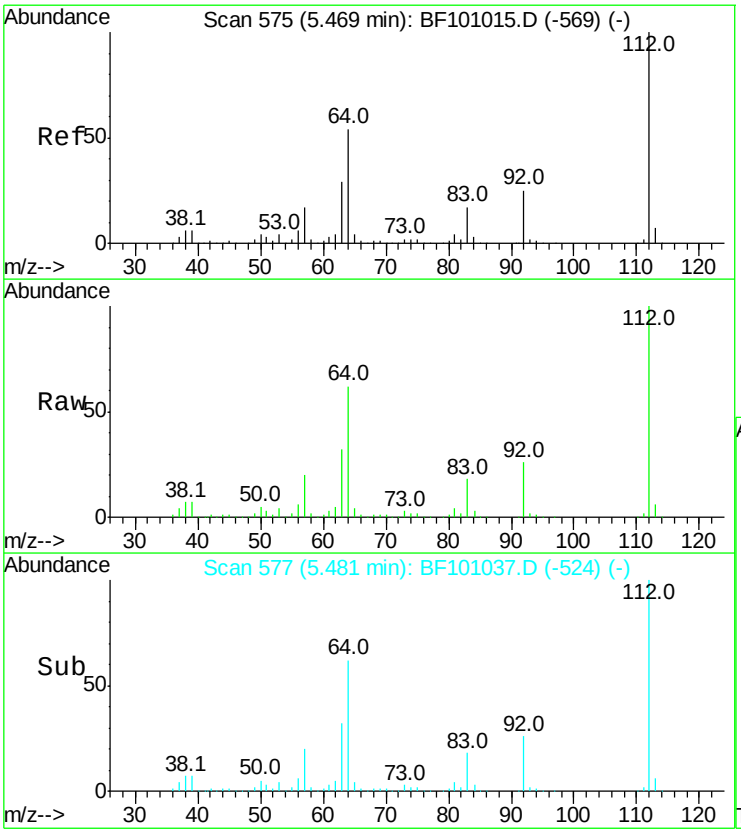
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58150

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	59.8	50.1	75.1

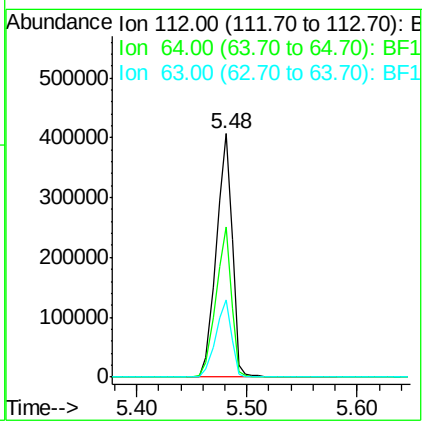


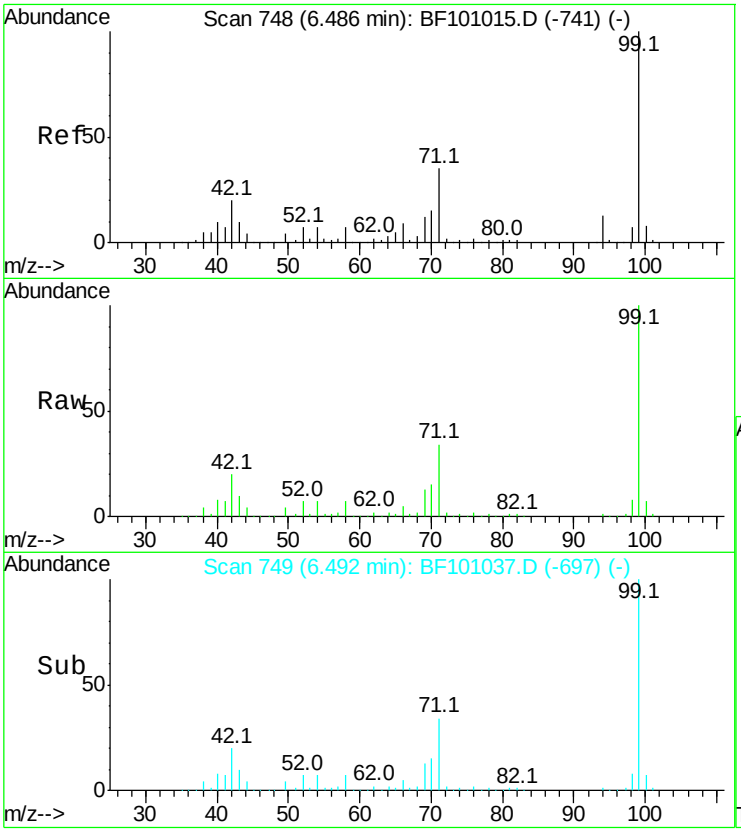


#5
2-Fluorophenol
Concen: 115.661 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:112 Resp: 407013

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.9	71.9
63	31.6	23.7	35.5



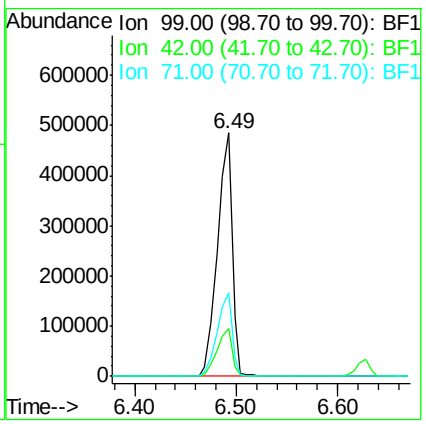


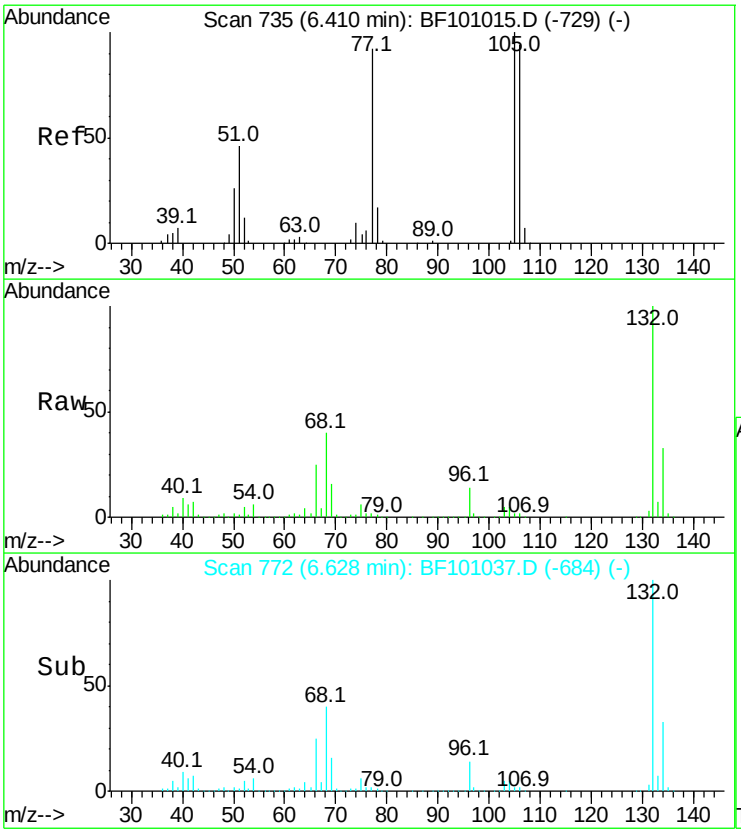
#7
Phenol-d6
Concen: 115.285 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 492550

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.2	25.4	38.0

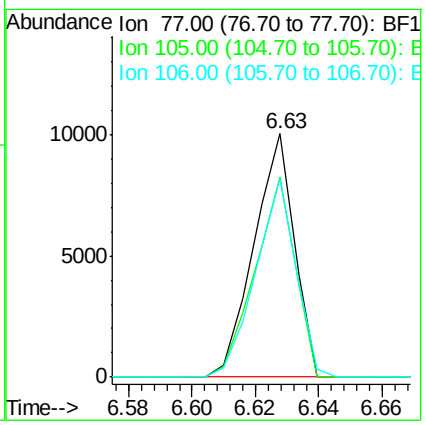


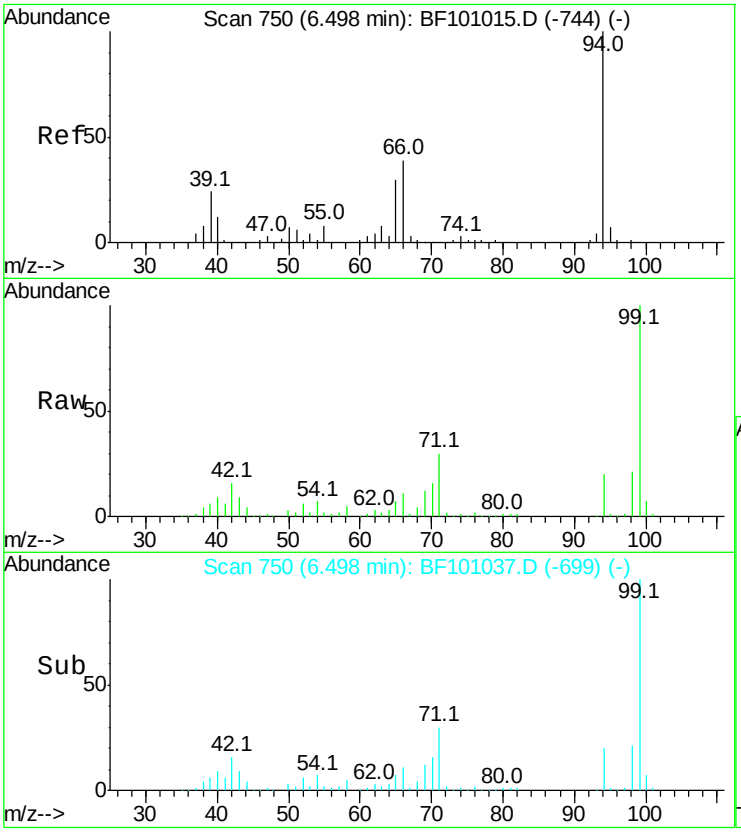


#9
Benzaldehyde
Concen: 3.386 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.22 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion: 77 Resp: 8854

Ion	Ratio	Lower	Upper
77	100		
105	82.3	81.1	121.1
106	81.6	74.5	114.5



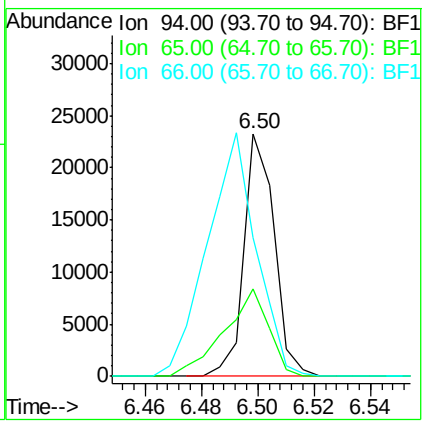


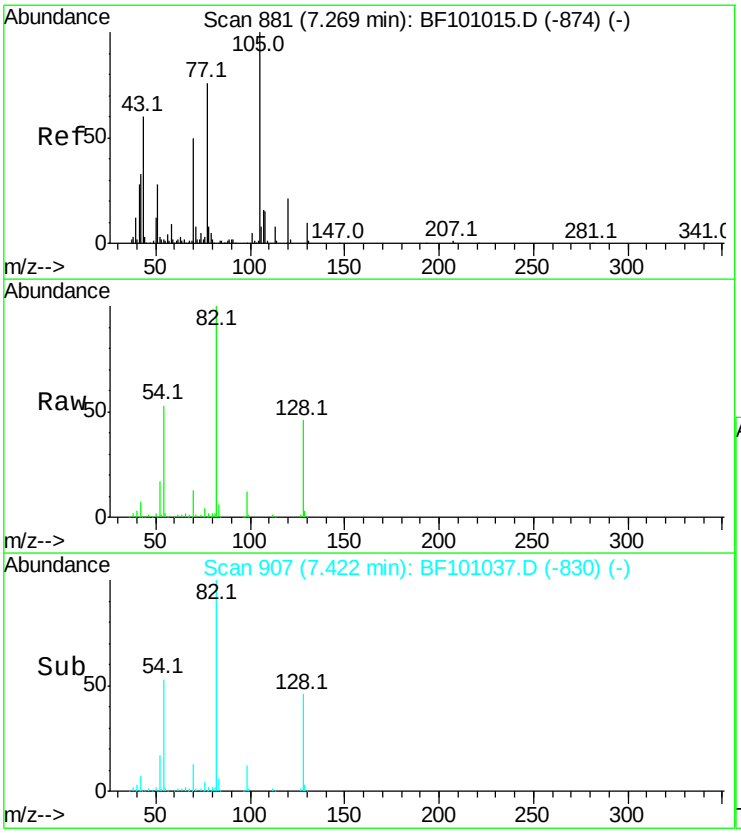
#10
Phenol
Concen: 3.643 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 17305

Ion	Ratio	Lower	Upper
94	100		
65	36.1	7.9	47.9
66	57.1	16.2	56.2#

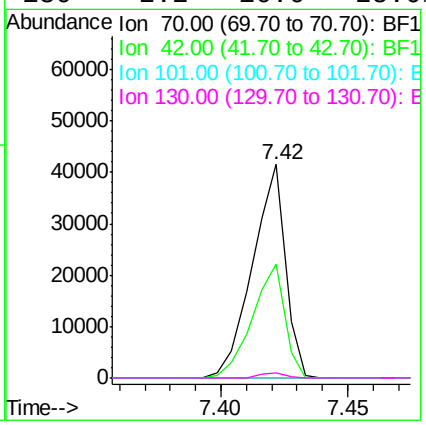


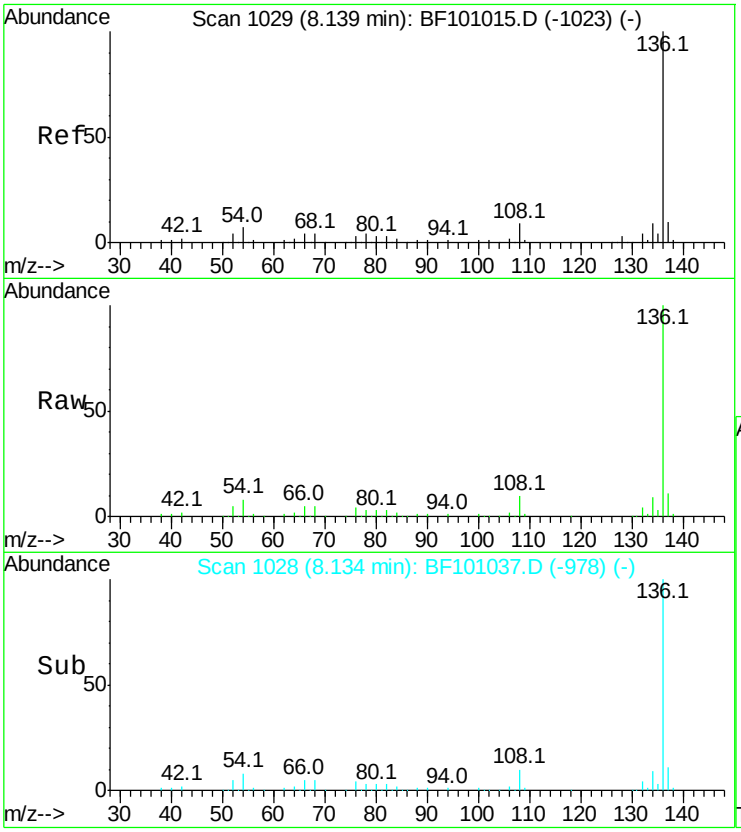


#19
n-Nitroso-di-n-propylamine
Concen: 13.126 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion: 70 Resp: 37767

Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



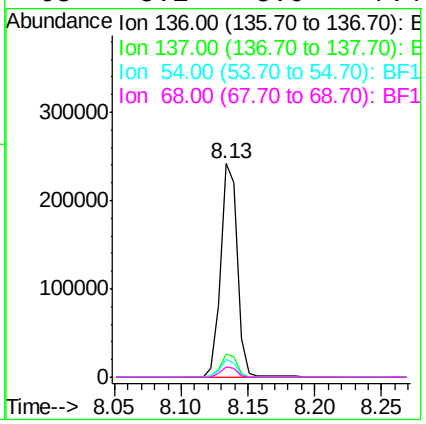


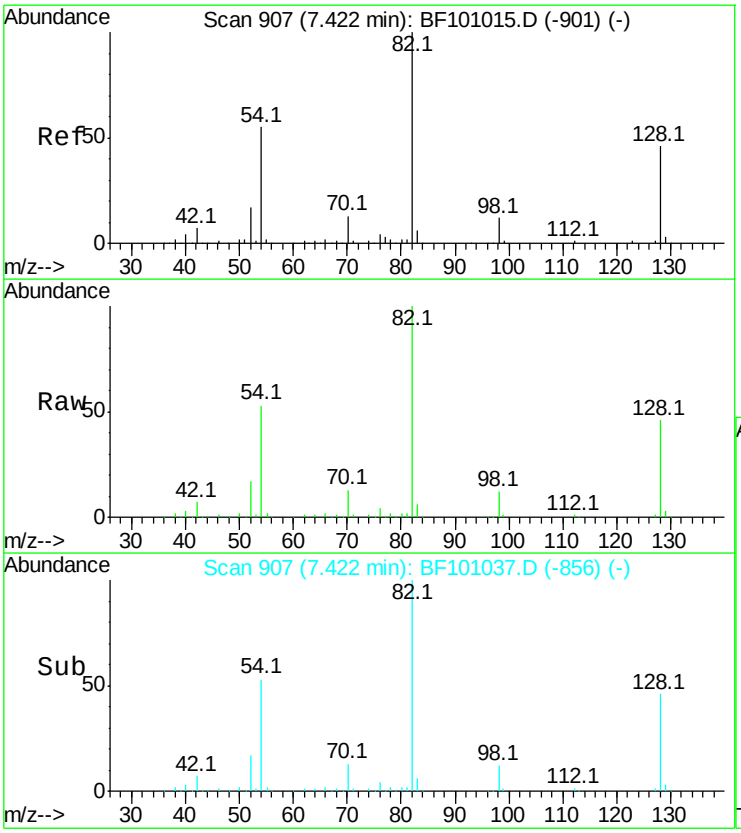
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 215973

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	5.1	5.0	7.4

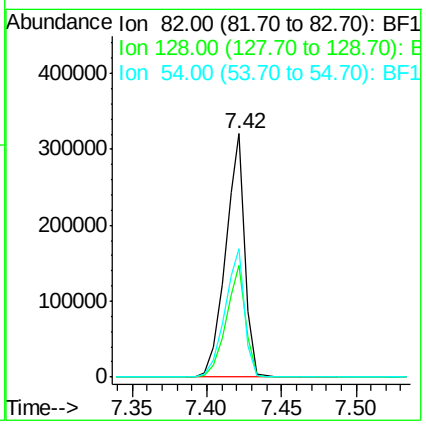


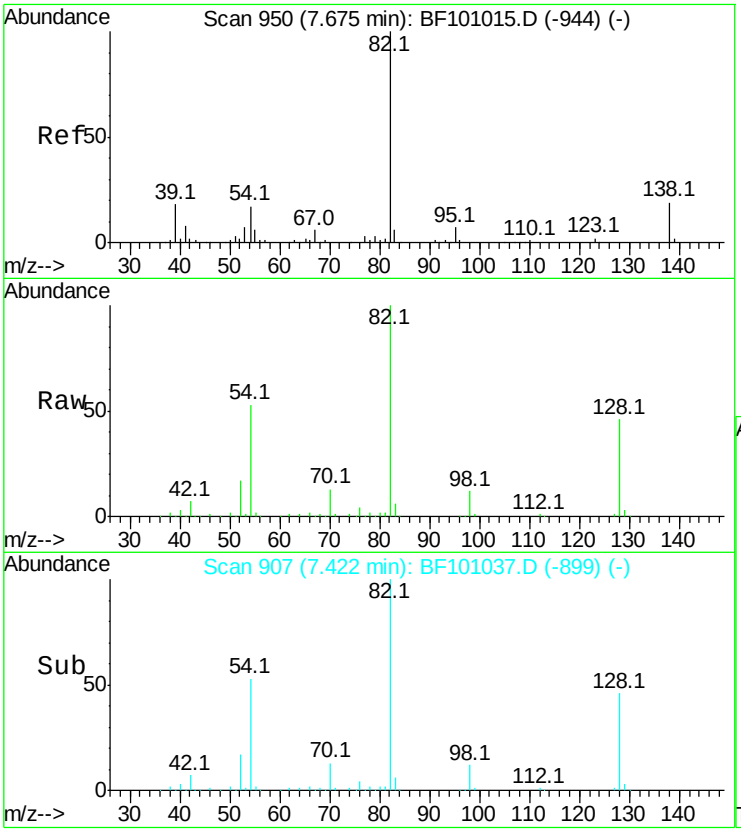


#23
Nitrobenzene-d5
Concen: 80.636 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion: 82 Resp: 291942

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	52.8	41.4	62.2



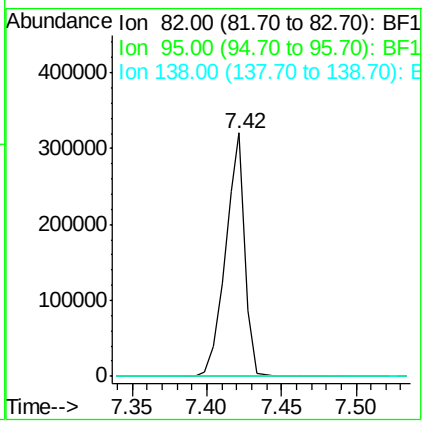


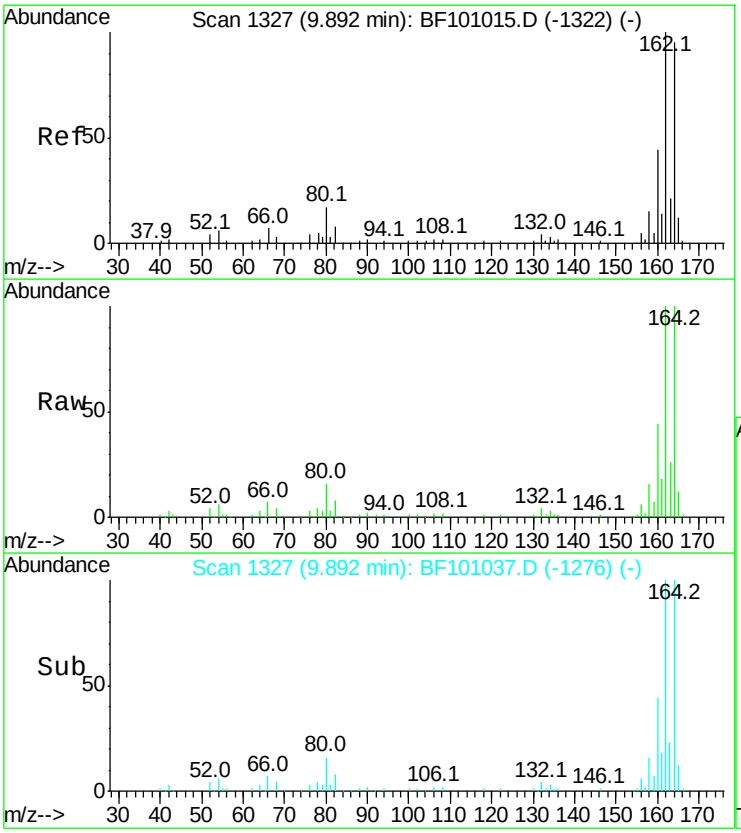
#25
Isophorone
Concen: 47.208 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 291942

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

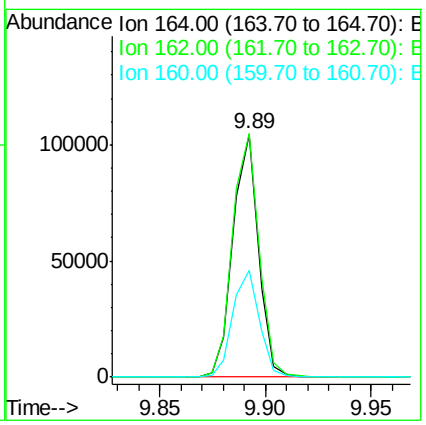


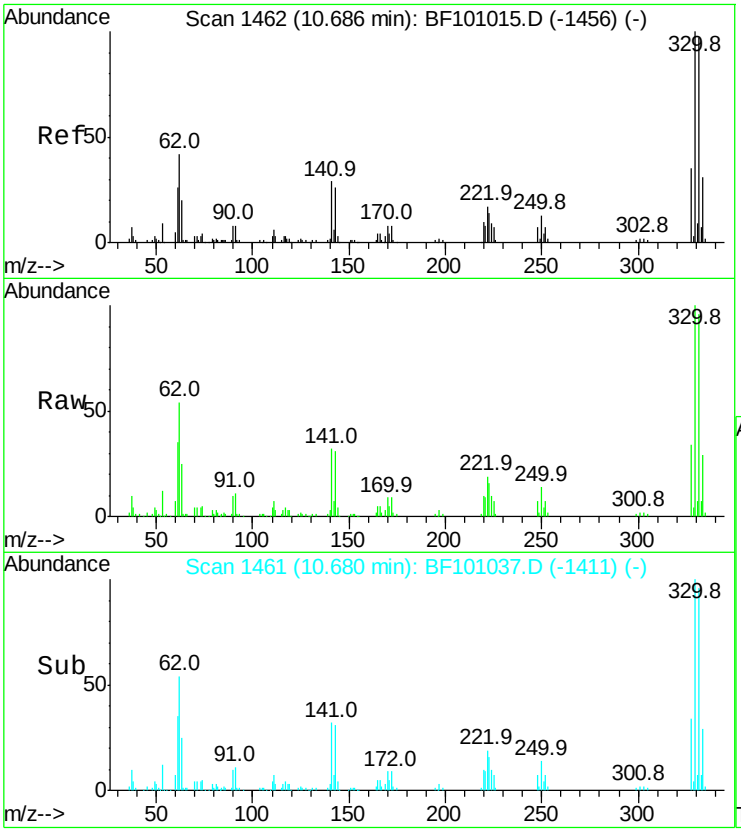


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:164 Resp: 86430

Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	44.0	38.3	57.5



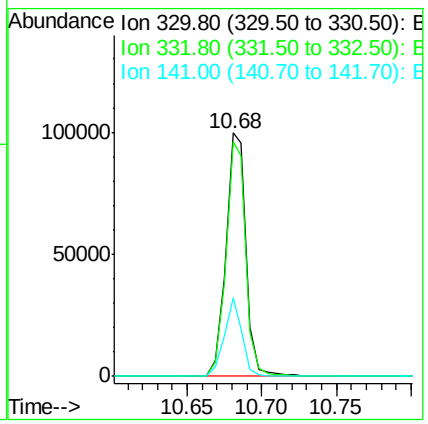


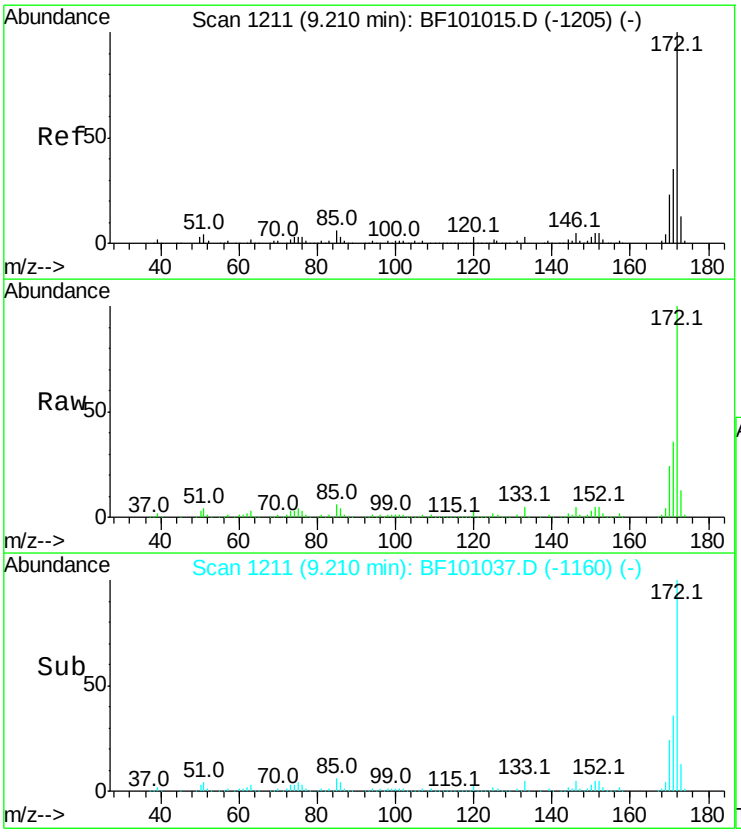
#41
2,4,6-Tribromophenol
Concen: 91.655 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 95163

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	28.3	29.9	44.9#

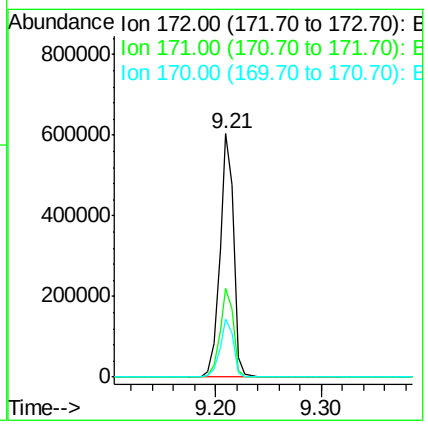


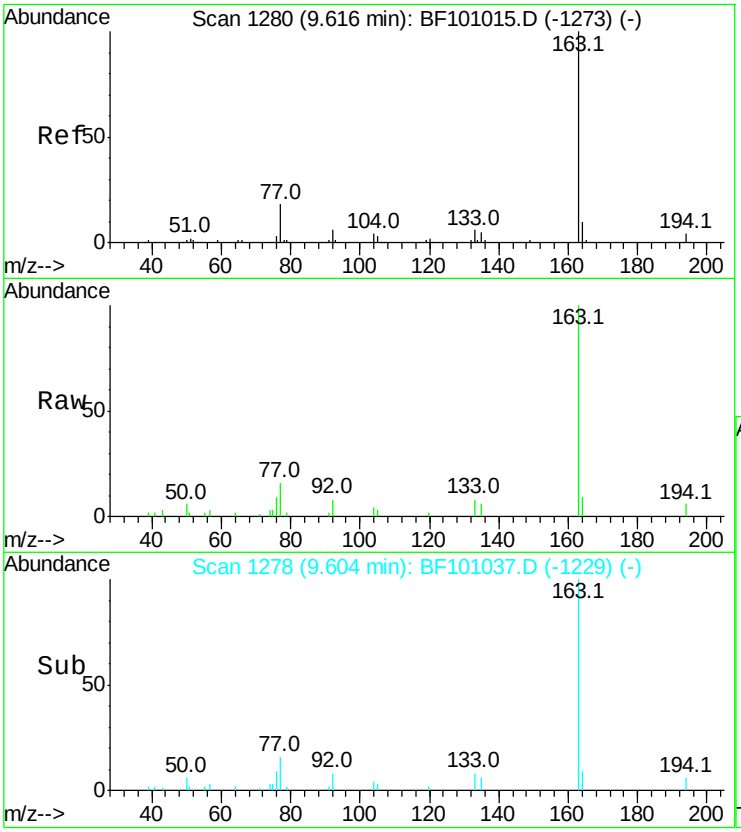


#44
2-Fluorobiphenyl
Concen: 87.246 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:172 Resp: 551140

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4



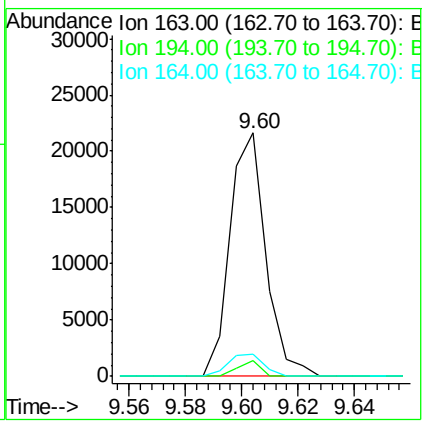


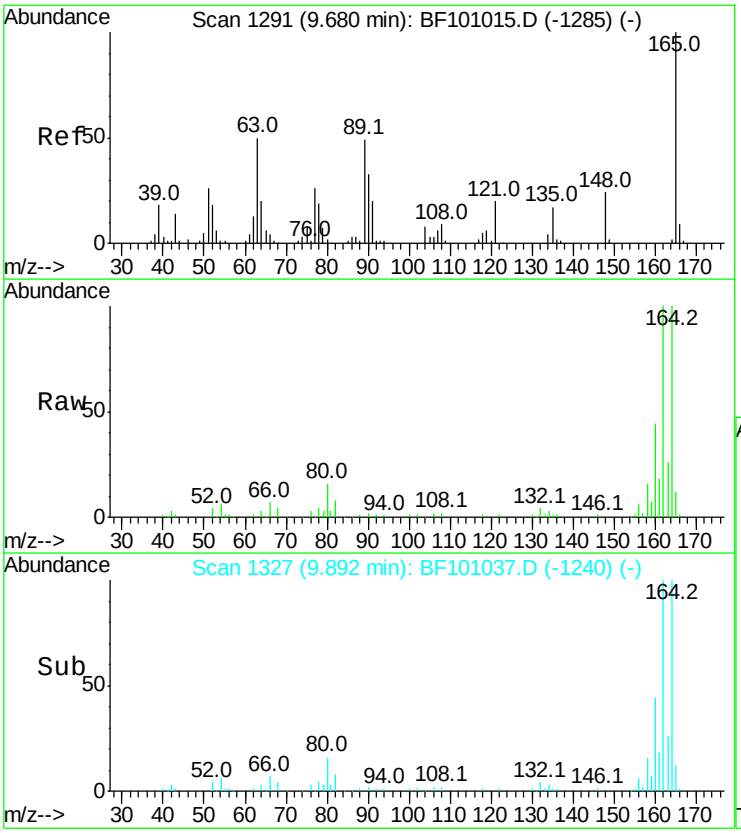
#49
Dimethylphthalate
Concen: 2.729 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19021

Ion	Ratio	Lower	Upper
163	100		
194	6.4	2.7	4.1#
164	9.3	8.2	12.2

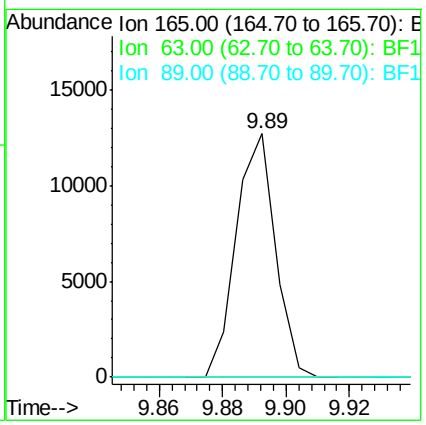


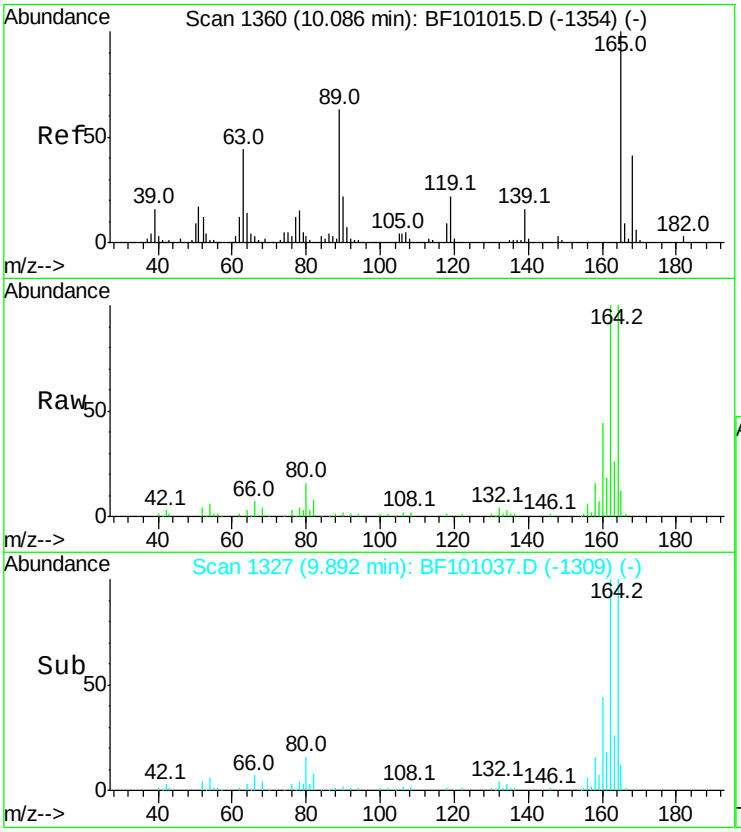


#50
2,6-Dinitrotoluene
Concen: 7.395 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:165 Resp: 10856

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



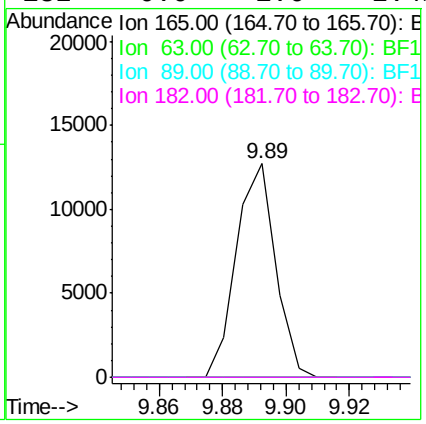


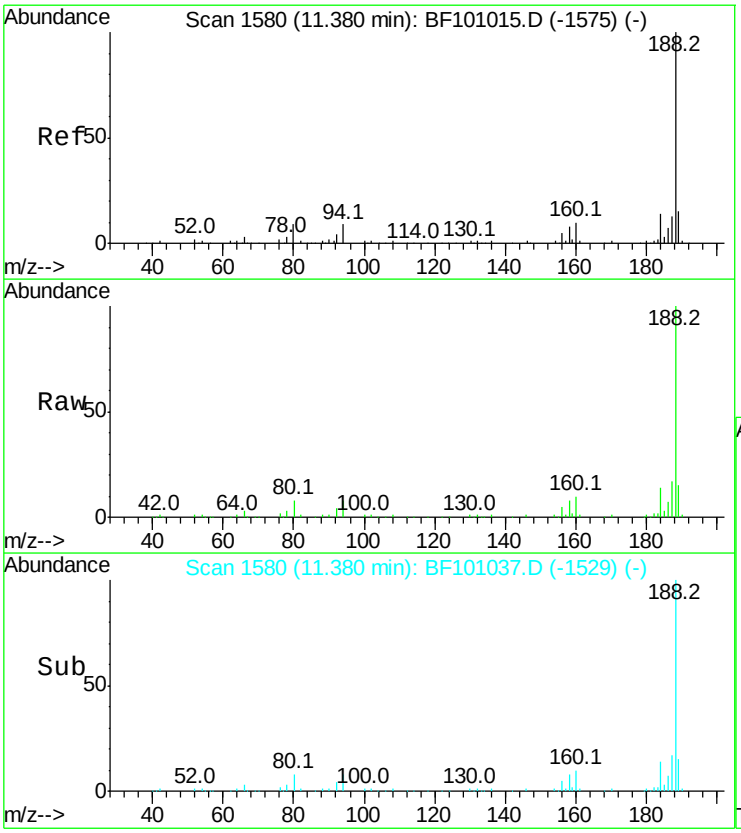
#56
2,4-Dinitrotoluene
Concen: 5.518 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10856

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#

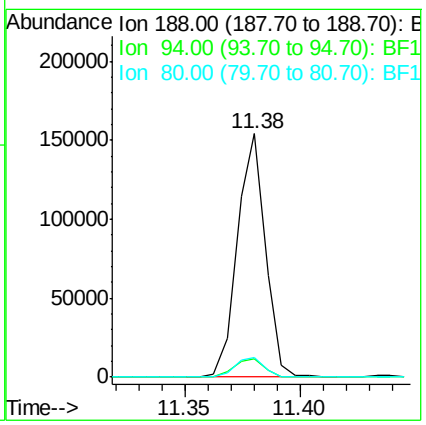


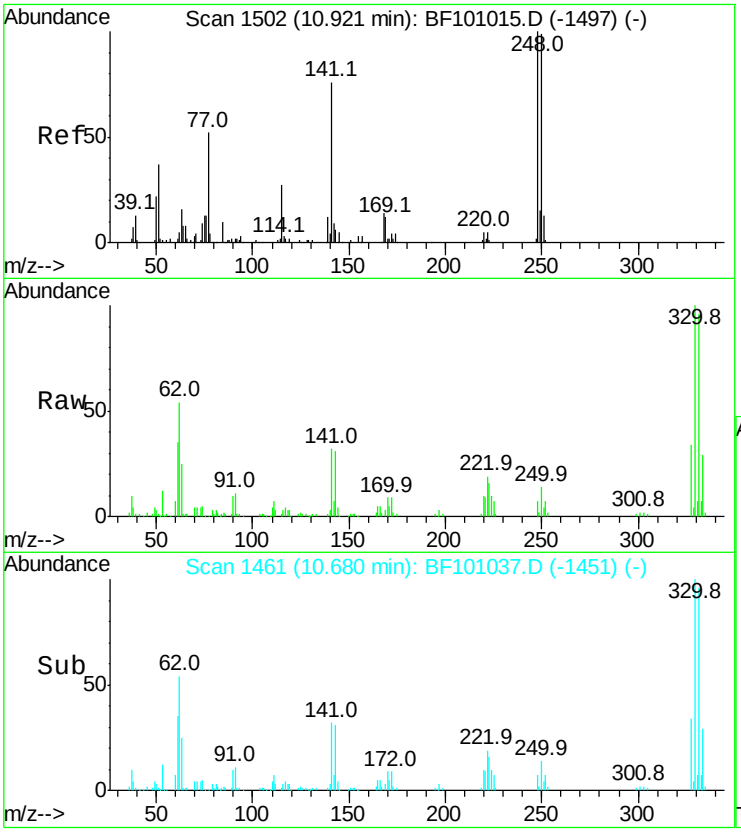


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:188 Resp: 130196

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.3	9.2	13.8#



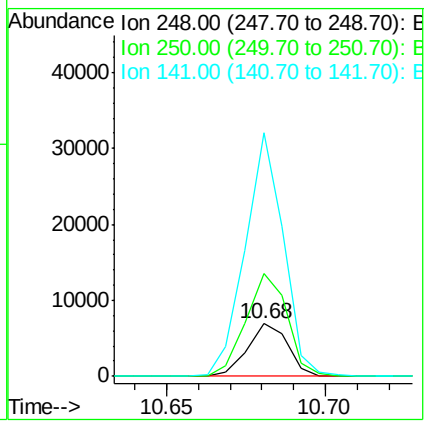


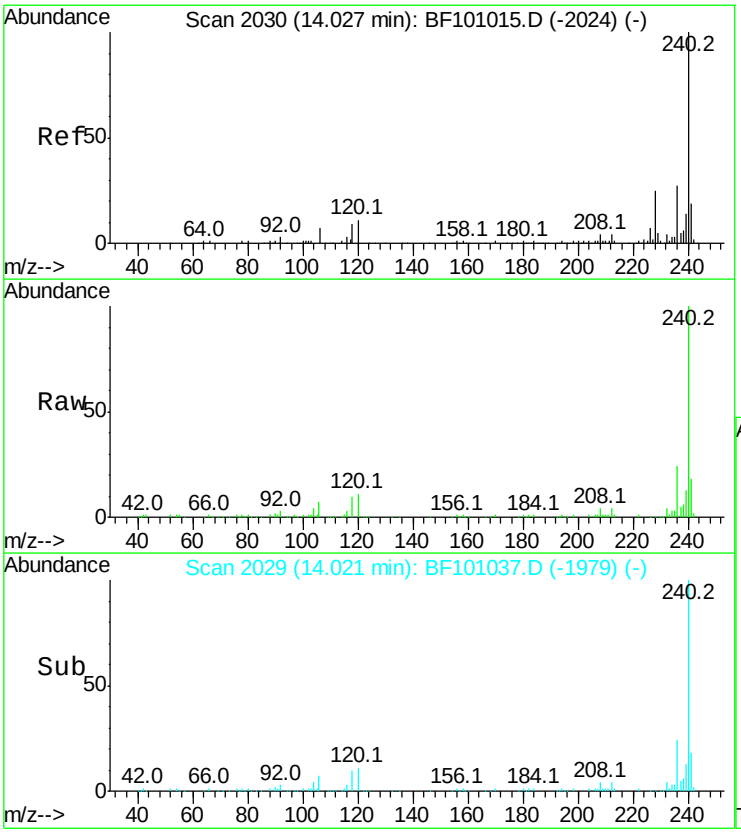
#66
4-Bromophenyl-phenylether
Concen: 4.188 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6103

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	464.2	74.4	111.6#

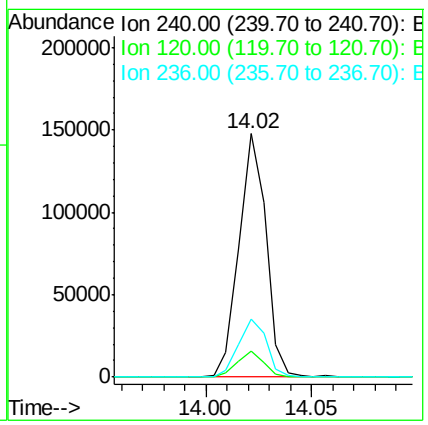


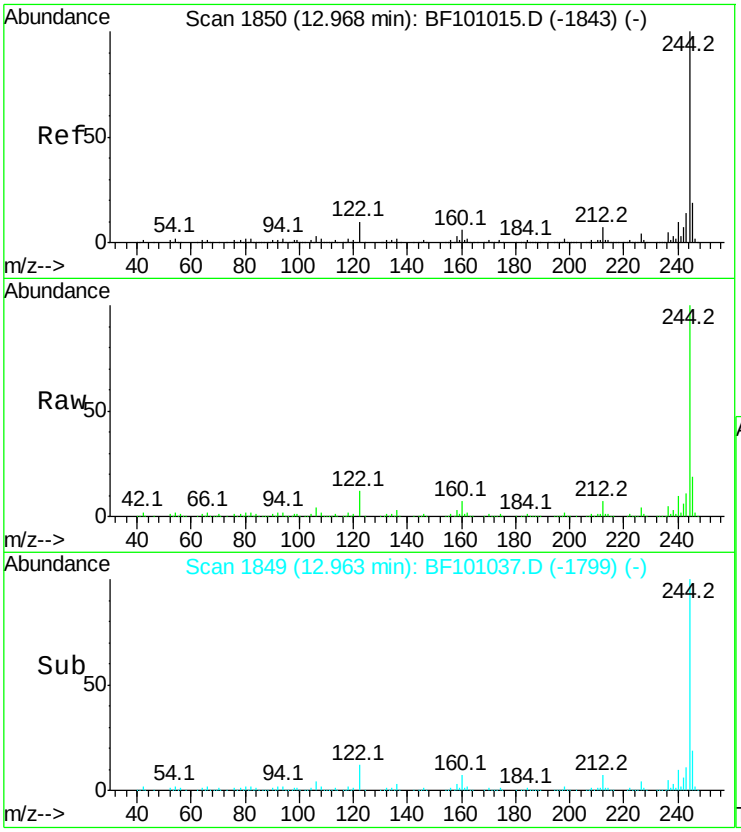


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:240 Resp: 131386

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	23.8	20.7	31.1



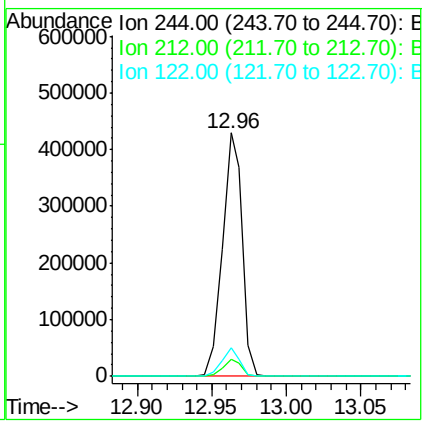


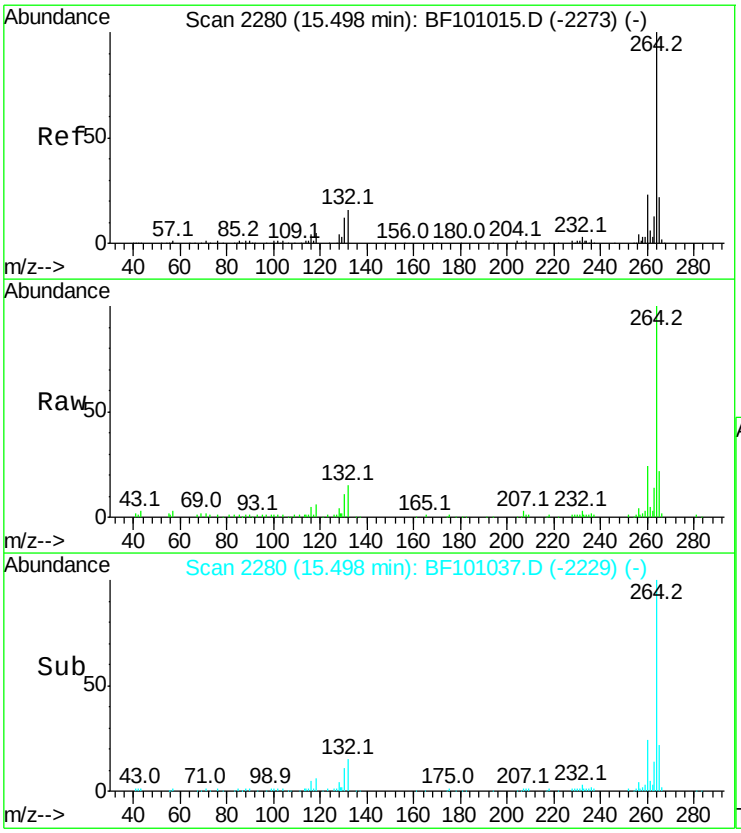
#78
Terphenyl-d14
Concen: 66.990 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 402401

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:264 Resp: 93630

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3