Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097077.D
Acq On : 26 Jul 2017 16:09
Operator : SJ/JU
Sample : I4443-05DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 26 17:50:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	104079	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	461432	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	201731	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	295554	20.00	ng		0.00
75) Chrysene-d12	13.63	240	199020	20.00	ng		0.00
86) Perylene-d12	14.97	264	194184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	36158	5.24	ng		0.00
7) Phenol-d6	6.16	99	40176	5.10	ng		-0.01
23) Nitrobenzene-d5	7.06	82	24828	3.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	8905	5.59	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	48493	4.08	ng		-0.01
78) Terphenyl-d14	12.58	244	27559	2.82	ng		0.00
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.43	146	30211	3.797	ng		97
13) 1,4-Dichlorobenzene	6.51	146	107550	13.641	ng		94
14) 1,2-Dichlorobenzene	6.66	146	160528	23.318	ng		97
27) 2,4-Dimethylphenol	7.46	122	23172	3.169	ng		95
31) Naphthalene	7.80	128	593870	27.303	ng		100
33) 4-Chloroaniline	7.80	127	77777	8.788	ng	#	31
36) 4-Chloro-3-methylphenol	8.37	107	17137	2.494	ng	#	14
37) 2-Methylnaphthalene	8.49	142	110981	8.058	ng		98
50) 2,6-Dinitrotoluene	9.52	165	26036	8.013	ng	#	32
56) 2,4-Dinitrotoluene	9.52	165	26036	6.971	ng	#	32
59) Diethylphthalate	9.96	149	44294	3.152	ng		99

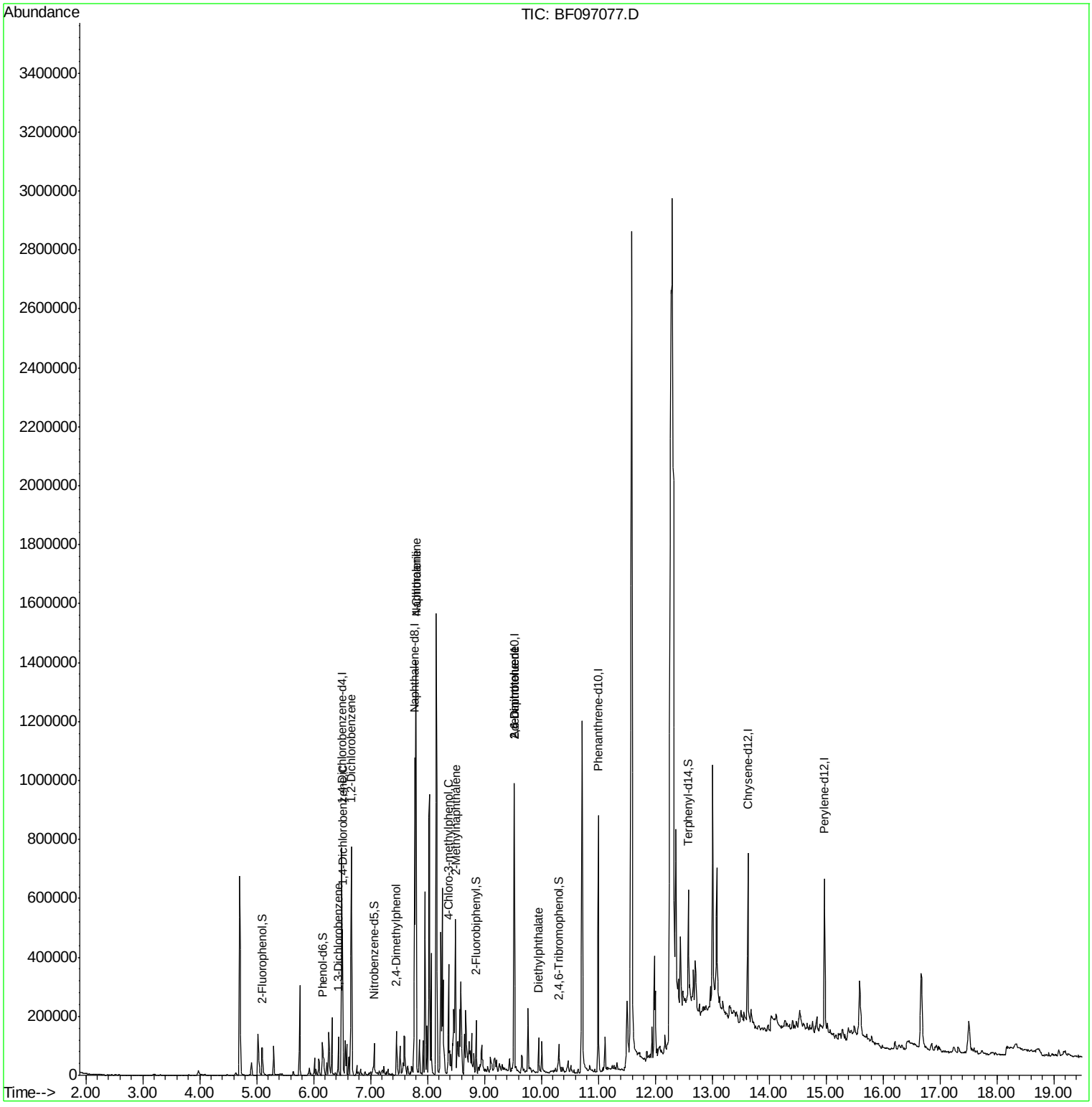
(#) = qualifier out of range (m) = manual integration (+) = signals summed

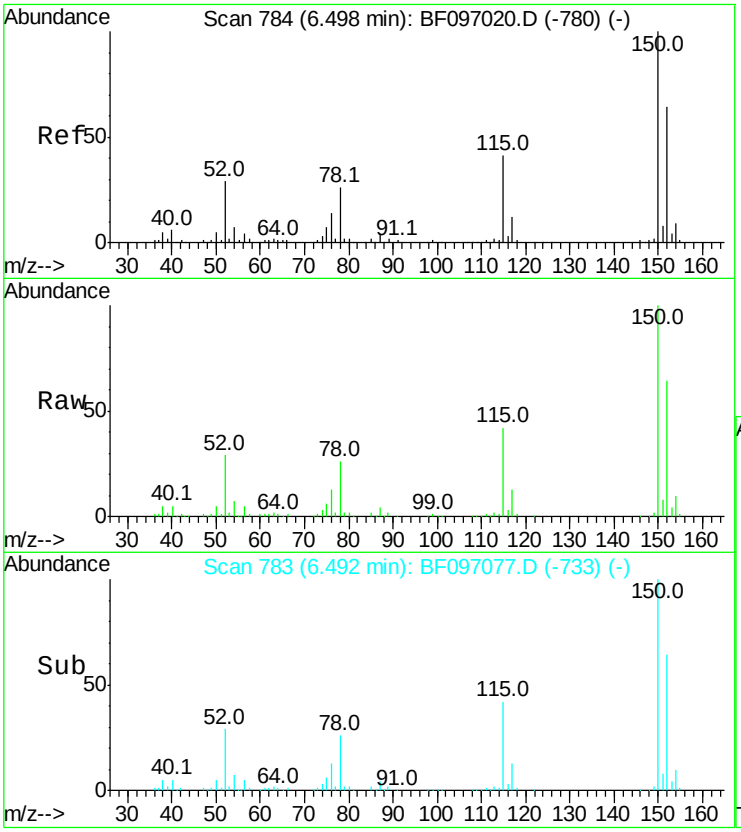
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097077.D
Acq On : 26 Jul 2017 16:09
Operator : SJ/JU
Sample : I4443-05DL 25X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 17:50:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



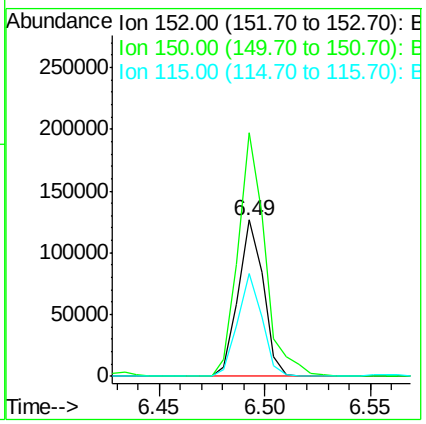


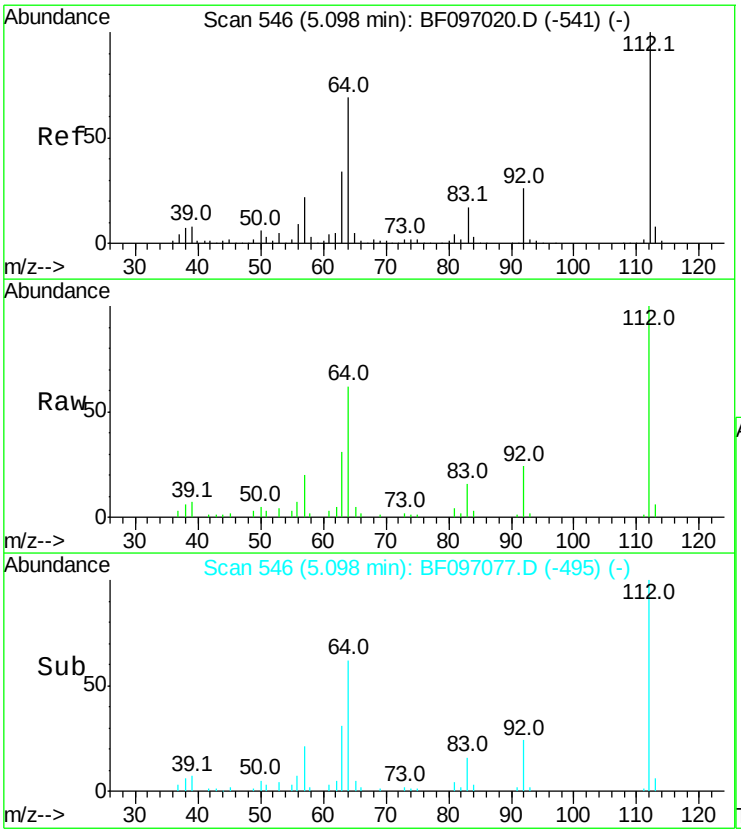
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104079

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	65.8	52.2	78.2

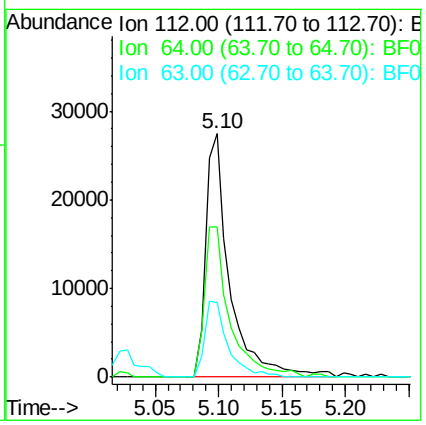


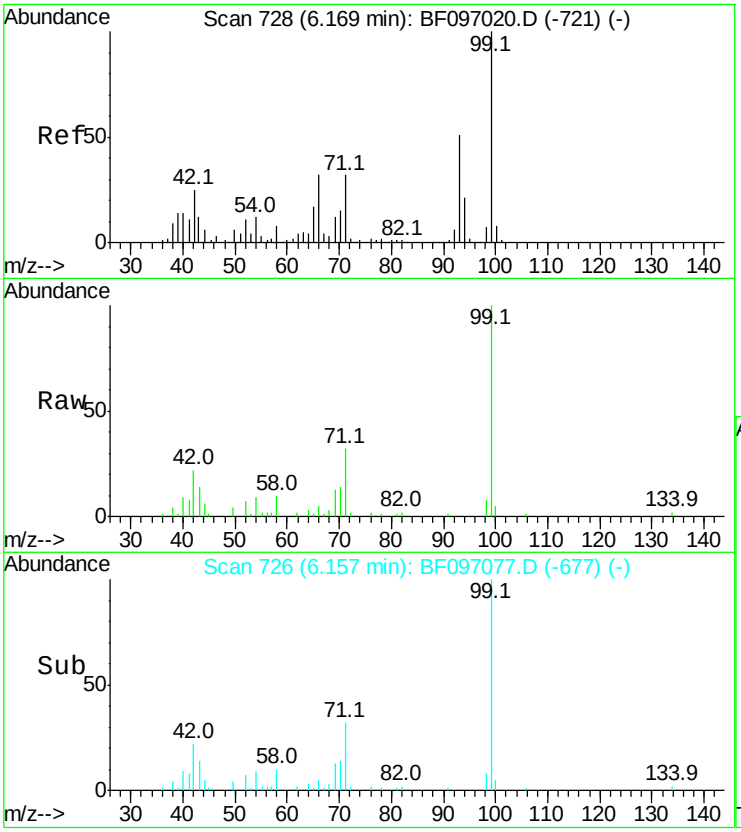


#5
2-Fluorophenol
Concen: 5.237 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:112 Resp: 36158

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.0	69.0
63	30.8	23.4	35.0



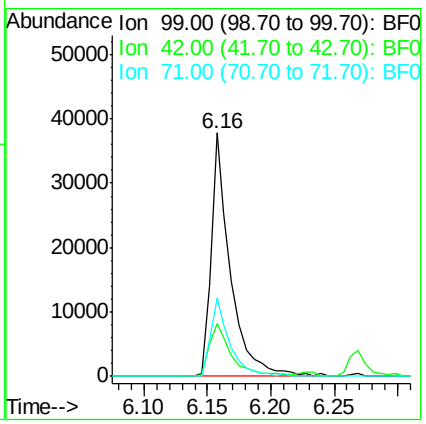


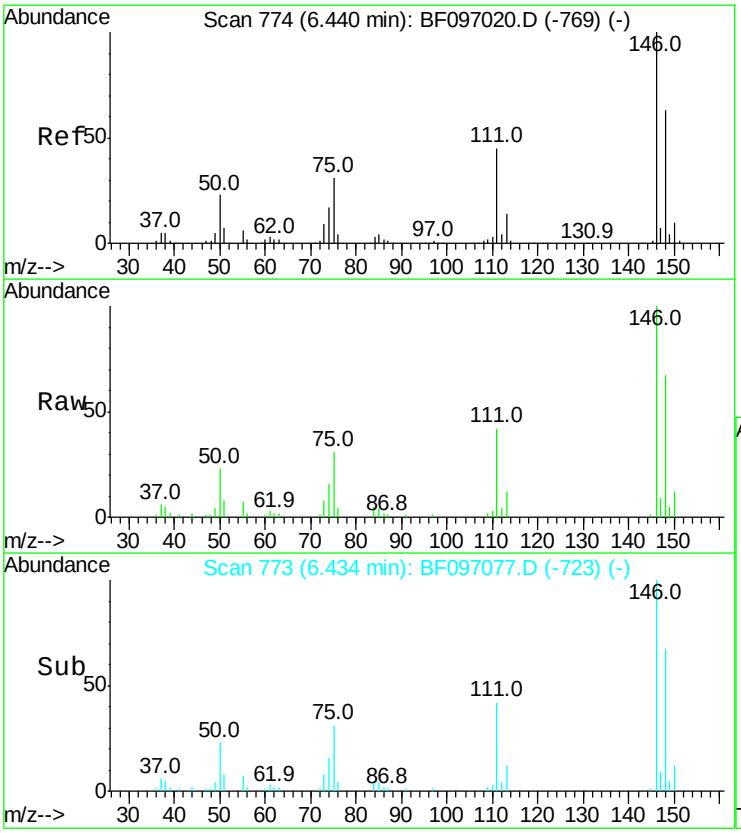
#7
Phenol-d6
Concen: 5.097 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 40176

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	32.4	24.5	36.7

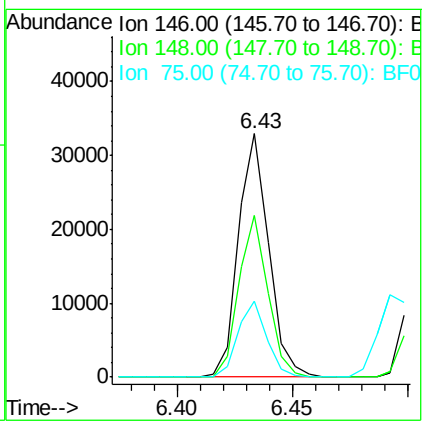


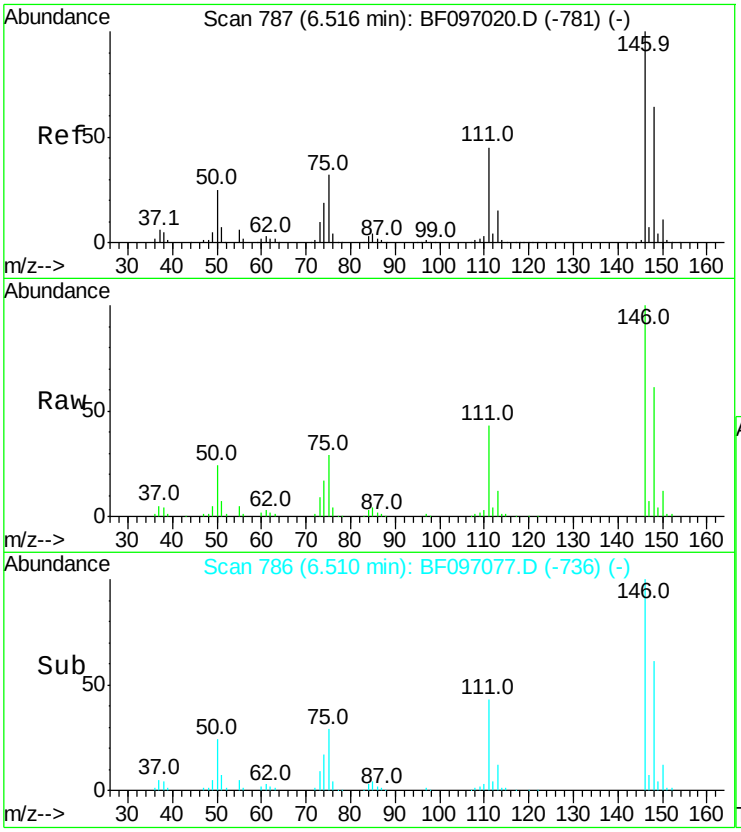


#12
1,3-Dichlorobenzene
Concen: 3.797 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:146 Resp: 30211

Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.6
75	31.1	23.1	34.7

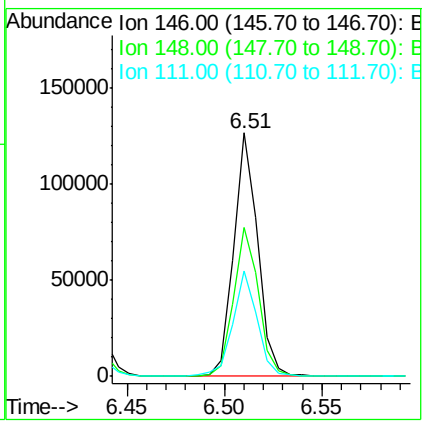




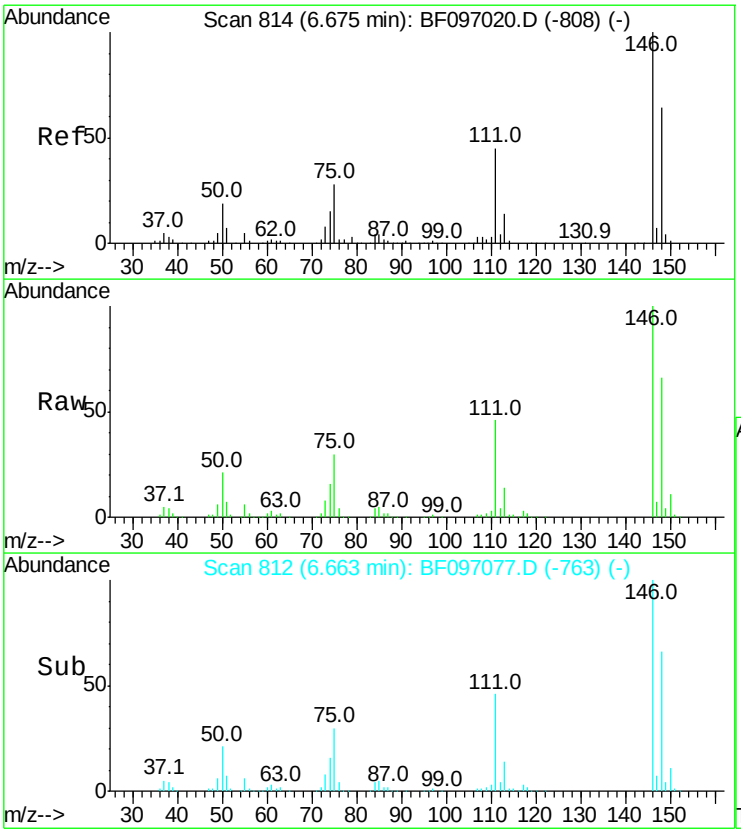
#13
1,4-Dichlorobenzene
Concen: 13.641 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:146 Resp: 107550

Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.2	78.2
111	43.1	30.3	45.5



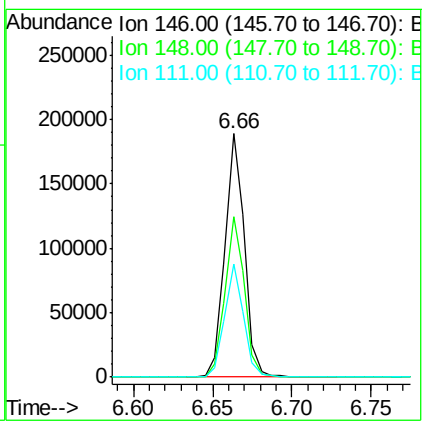
Instrument :
BNA_F
ClientSampleId :

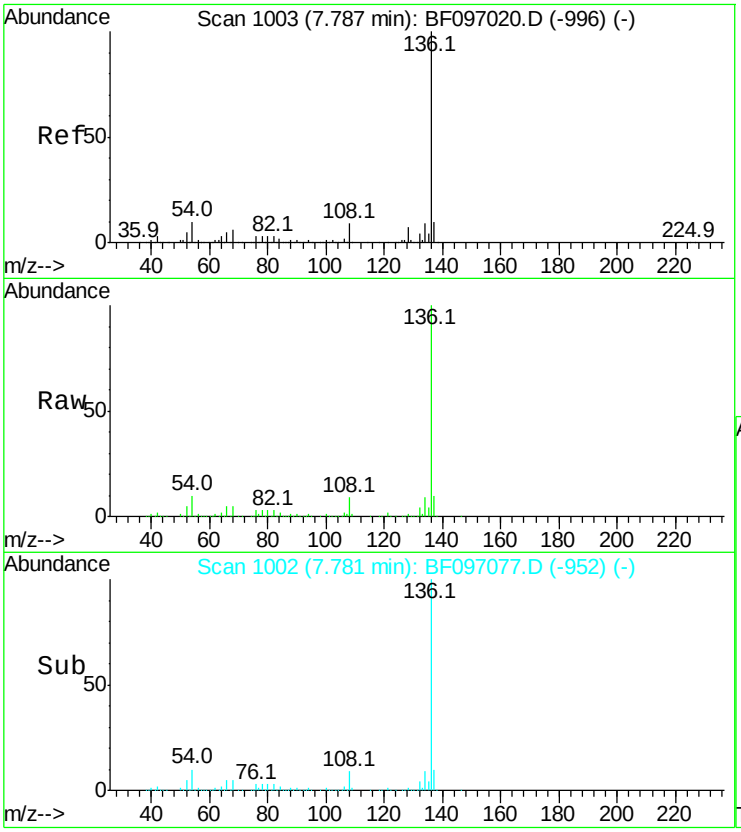


#14
1,2-Dichlorobenzene
Concen: 23.318 ng
RT: 6.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:146 Resp: 160528

Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.4	75.6
111	46.5	38.2	57.4



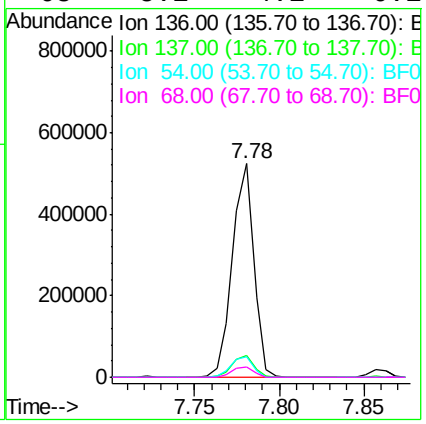


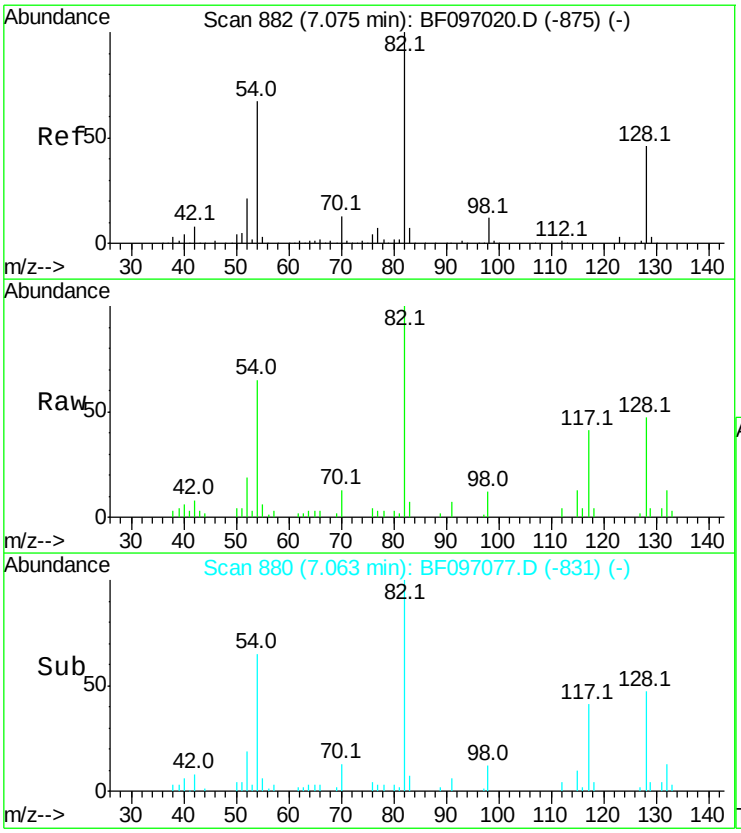
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 461432

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.7	4.9	7.3#
68	5.1	4.1	6.1

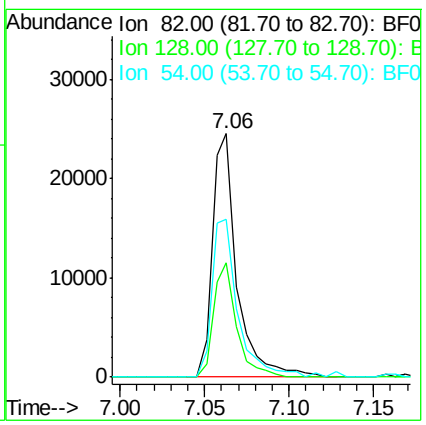


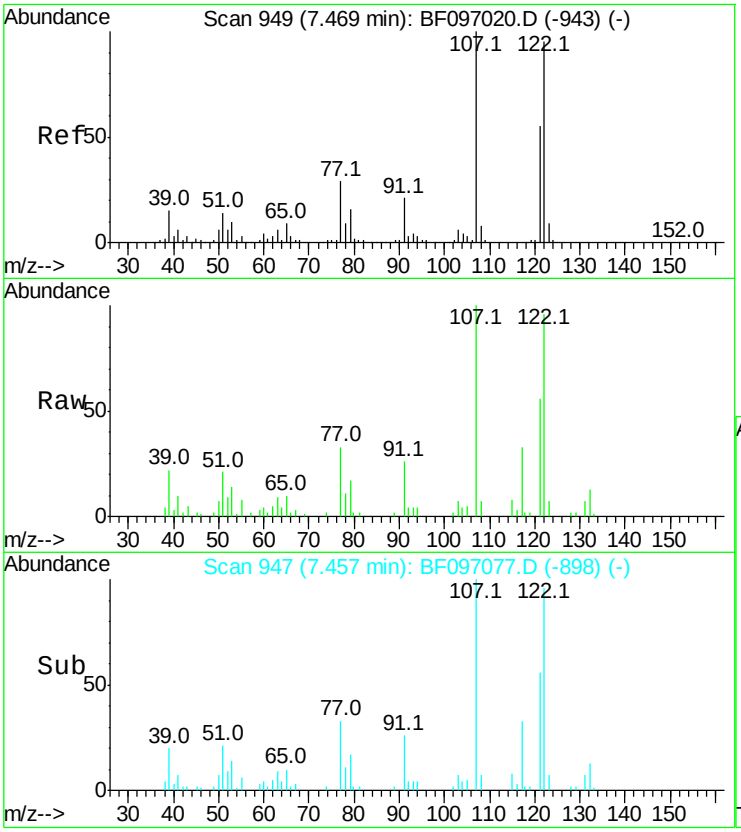


#23
Nitrobenzene-d5
Concen: 3.156 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion: 82 Resp: 24828

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	64.9	42.2	63.2#



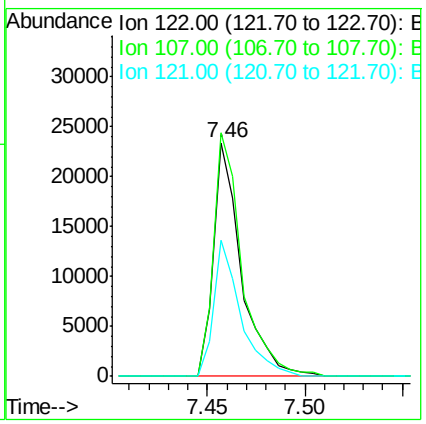


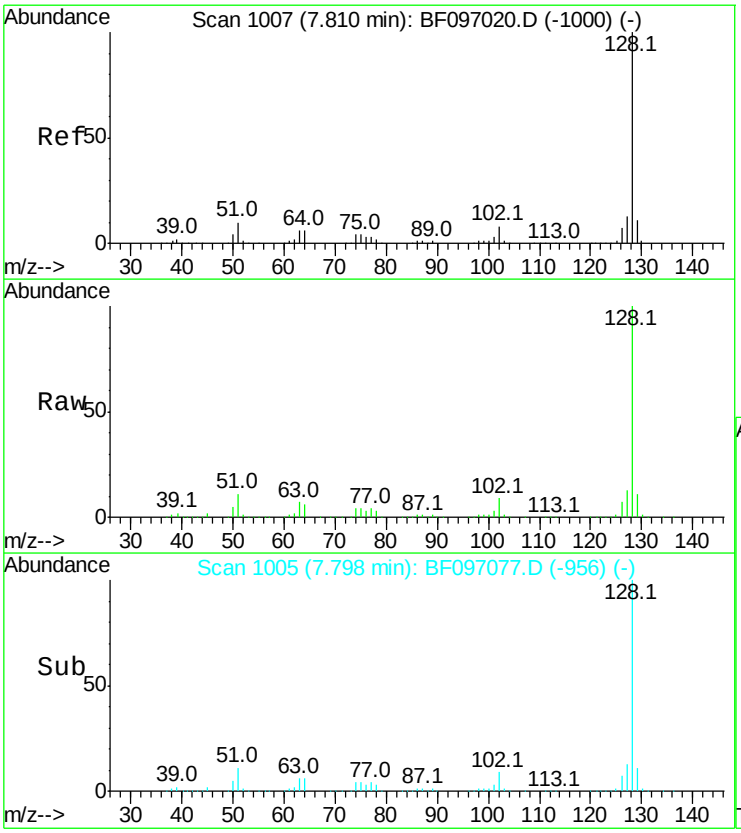
#27
2,4-Dimethylphenol
Concen: 3.169 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 23172

Ion	Ratio	Lower	Upper
122	100		
107	104.3	89.2	133.8
121	58.5	45.2	67.8

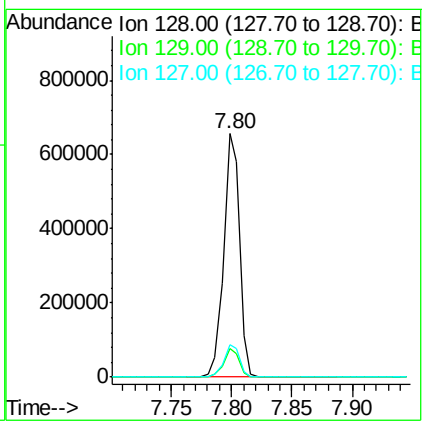


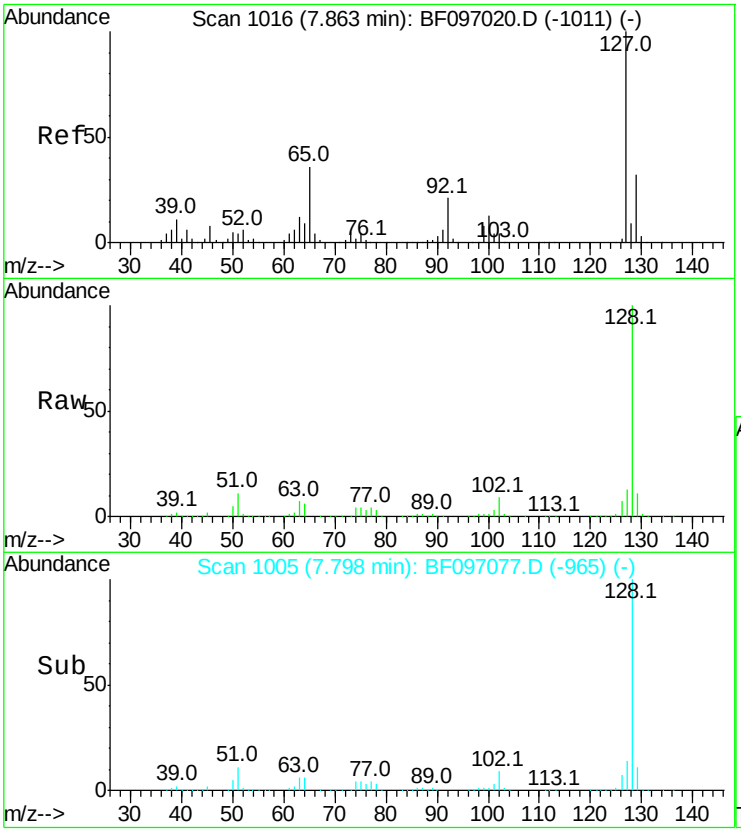


#31
Naphthalene
Concen: 27.303 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:128 Resp: 593870

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	10.8	16.2



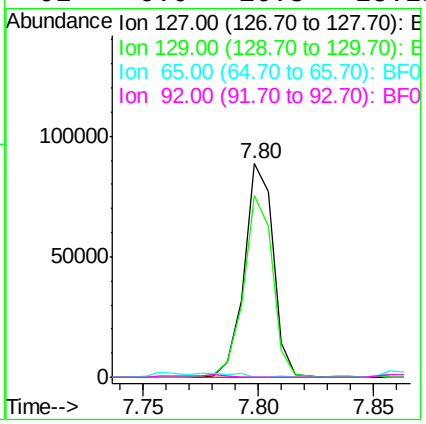


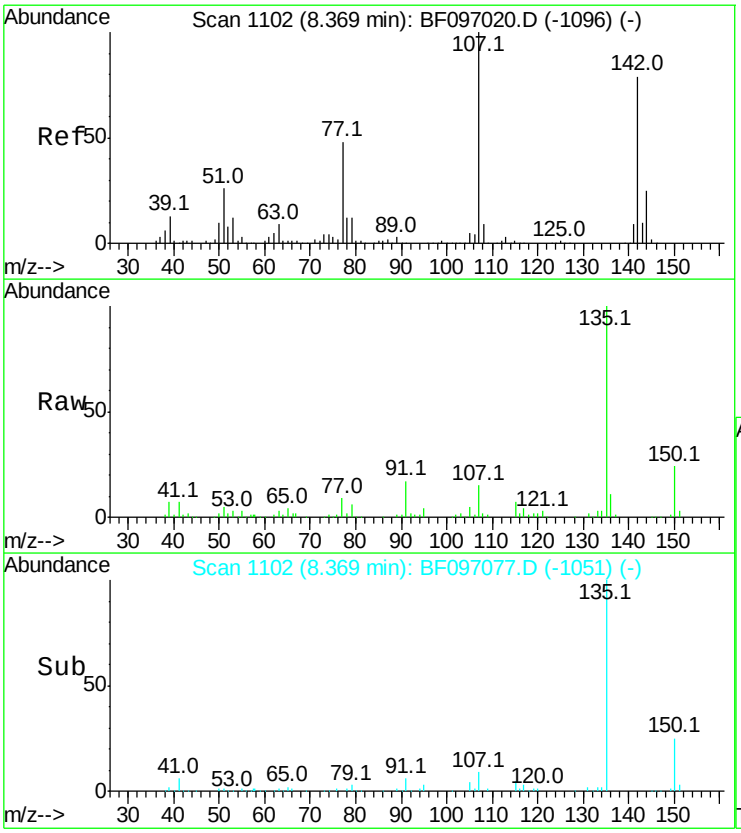
#33
4-Chloroaniline
Concen: 8.788 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 77777

Ion	Ratio	Lower	Upper
127	100		
129	85.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

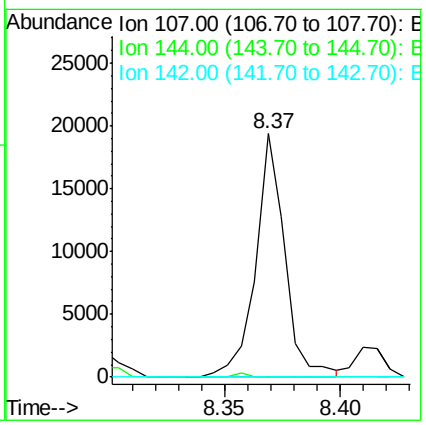


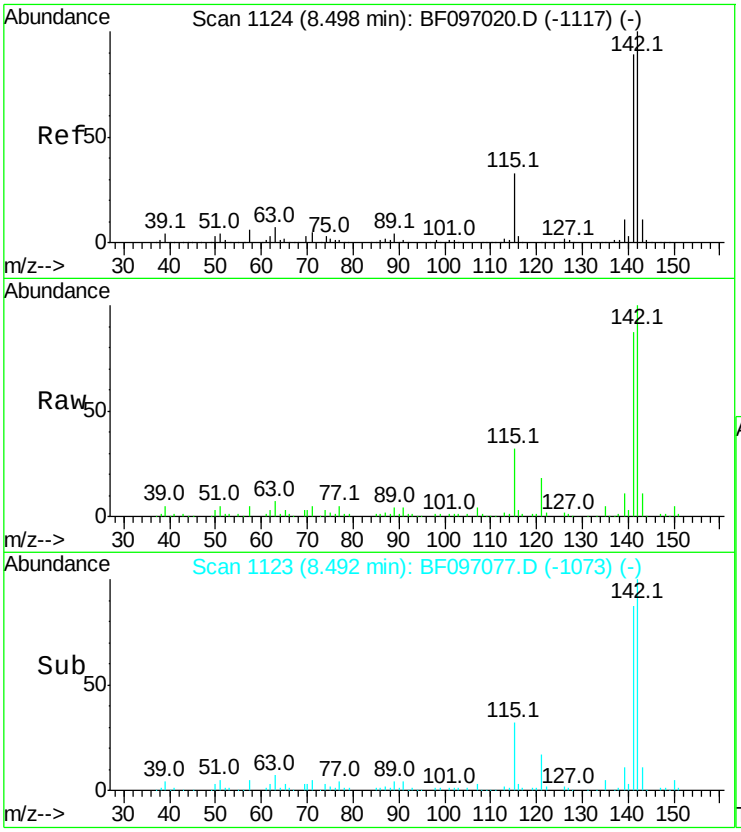


#36
4-Chloro-3-methylphenol
Concen: 2.494 ng
RT: 8.37 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:107 Resp: 17137

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#



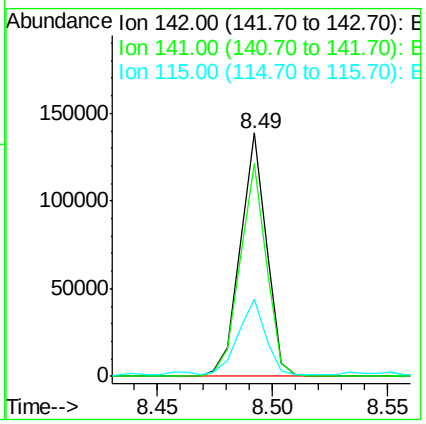


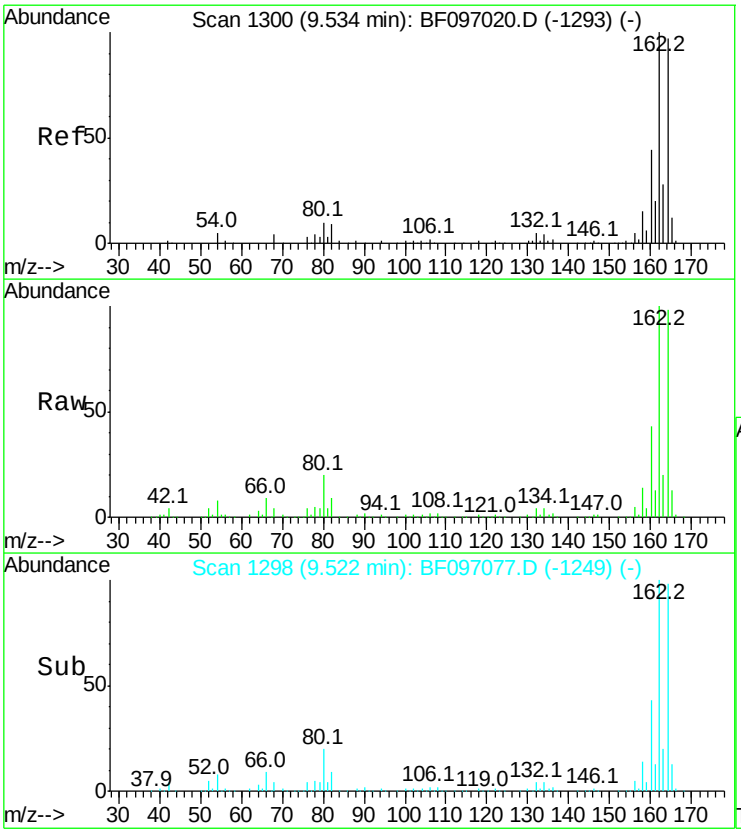
#37
2-Methylnaphthalene
Concen: 8.058 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 110981

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.3	106.9
115	31.8	27.1	40.7

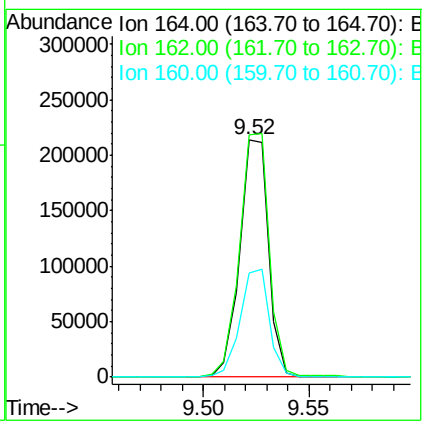


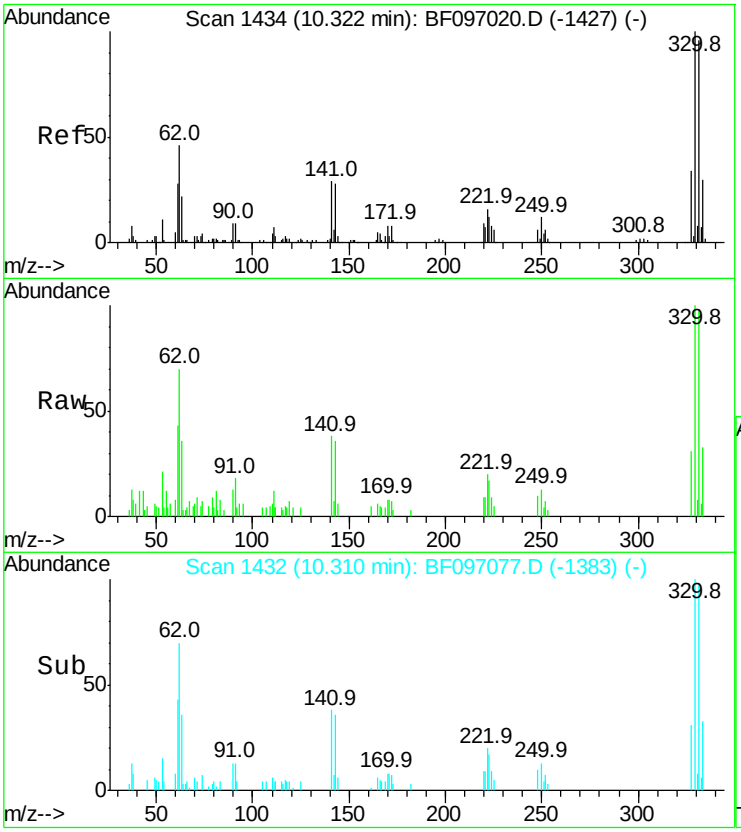


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:164 Resp: 201731

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	43.9	36.2	54.2



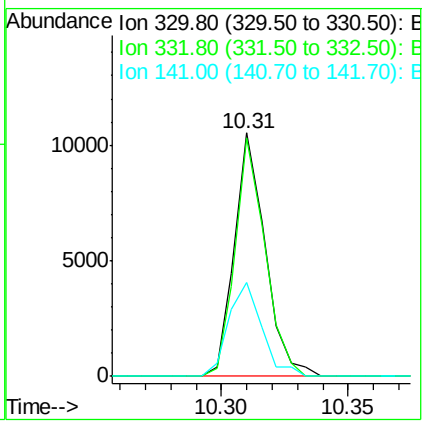


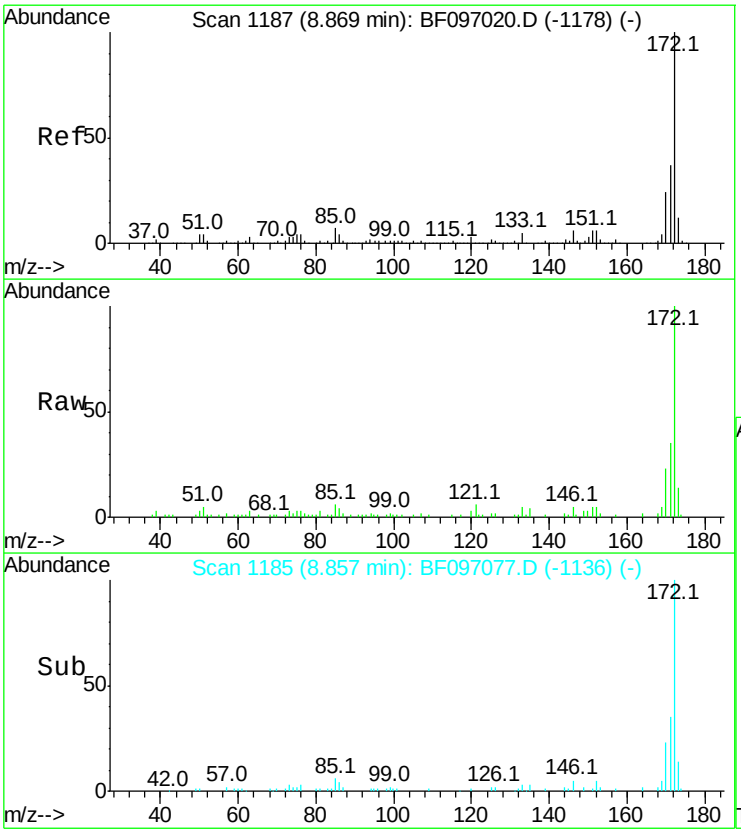
#41
2,4,6-Tribromophenol
Concen: 5.587 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8905

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	41.2	31.4	47.2

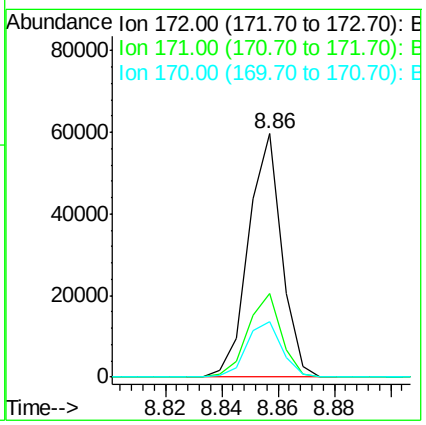


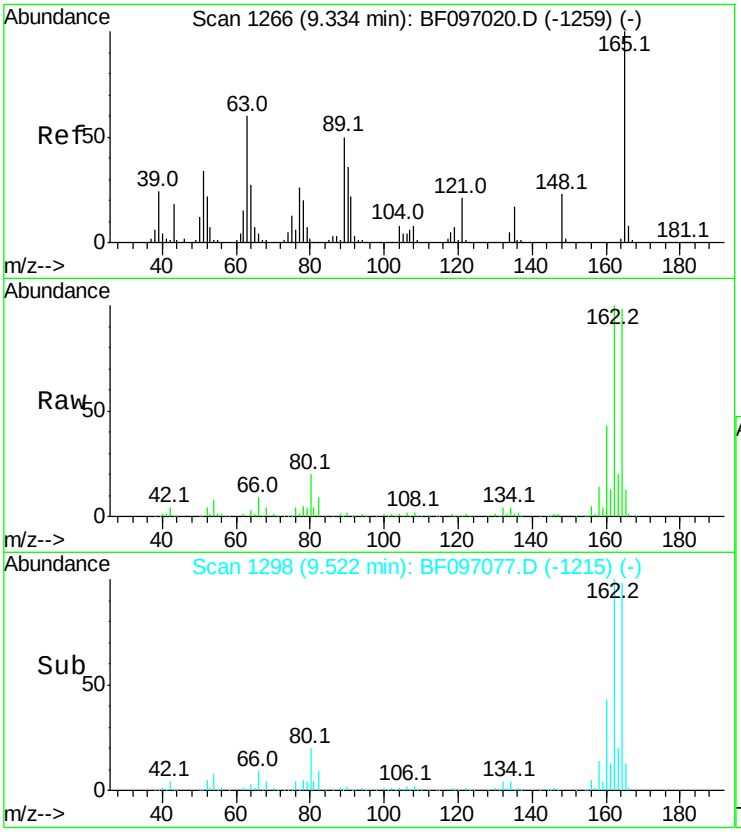


#44
2-Fluorobiphenyl
Concen: 4.080 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:172 Resp: 48493

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	22.8	19.8	29.8



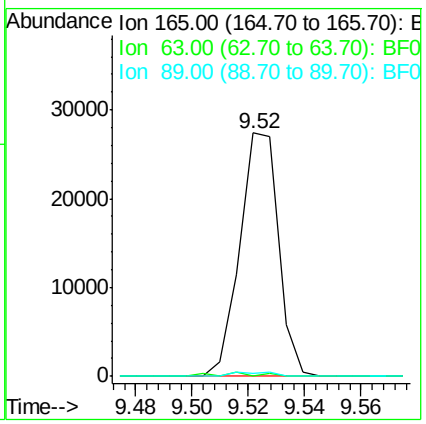


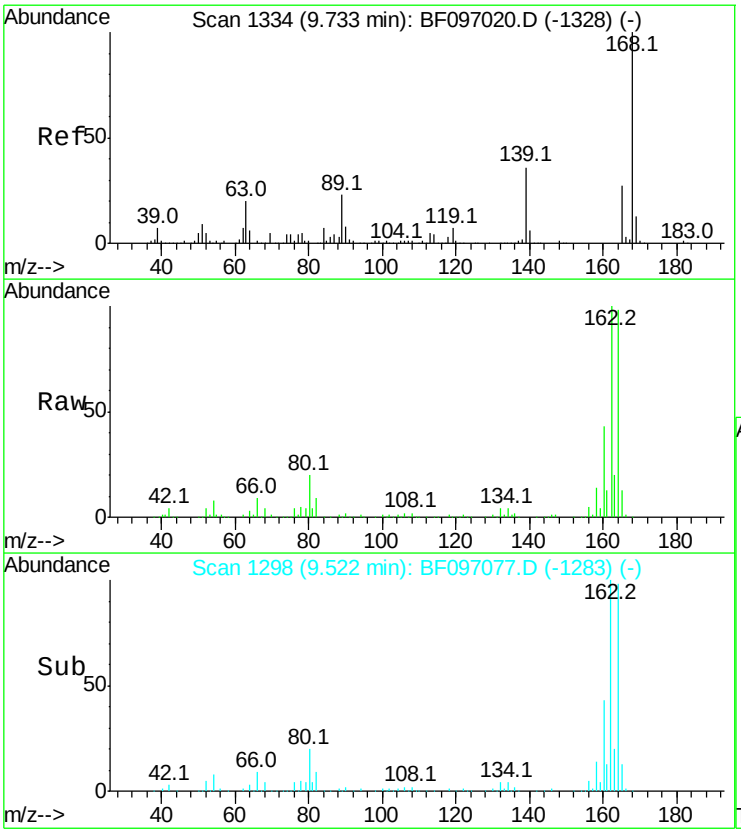
#50
2,6-Dinitrotoluene
Concen: 8.013 ng
RT: 9.52 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26036

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.4	37.1	55.7#

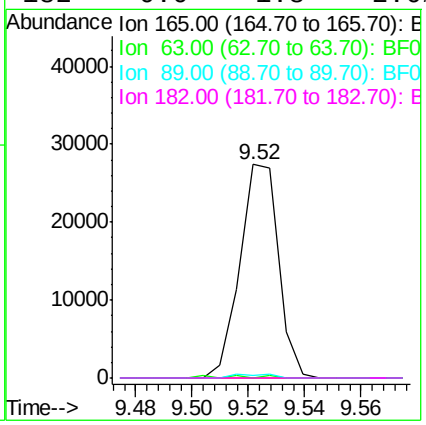


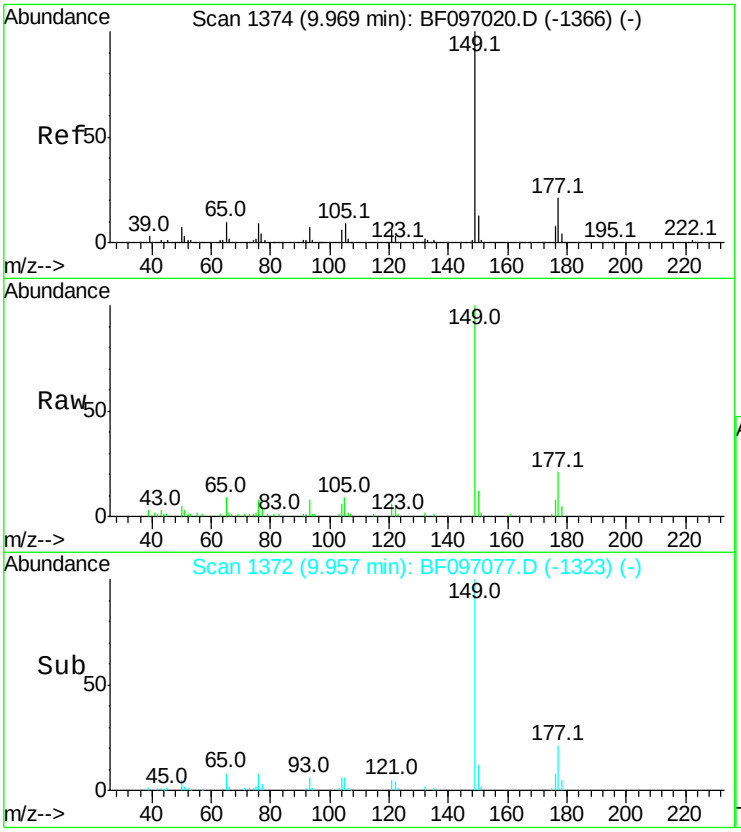


#56
2,4-Dinitrotoluene
Concen: 6.971 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:165 Resp: 26036

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



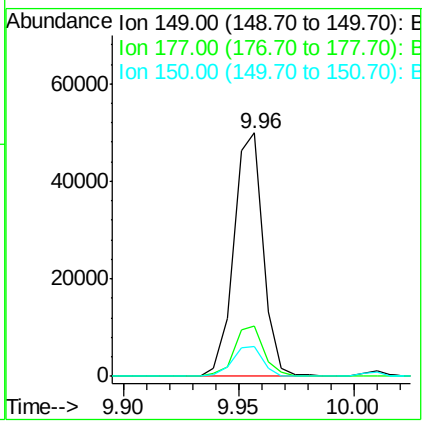


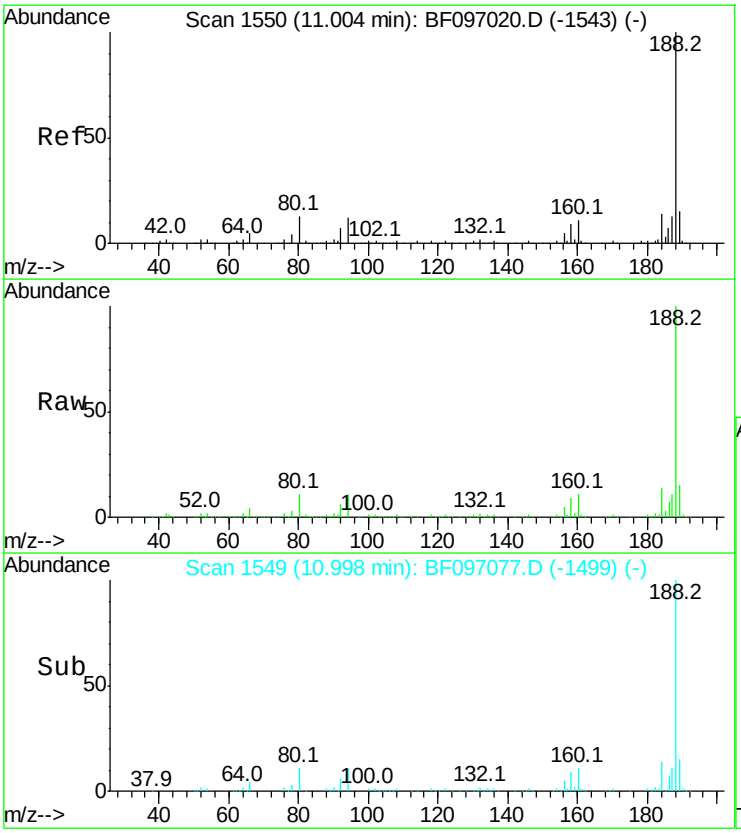
#59
Diethylphthalate
Concen: 3.152 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 44294

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.1	10.2	15.2

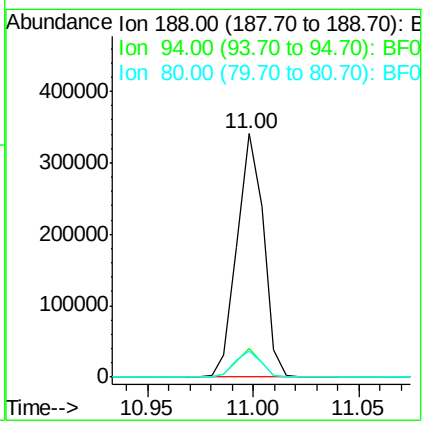


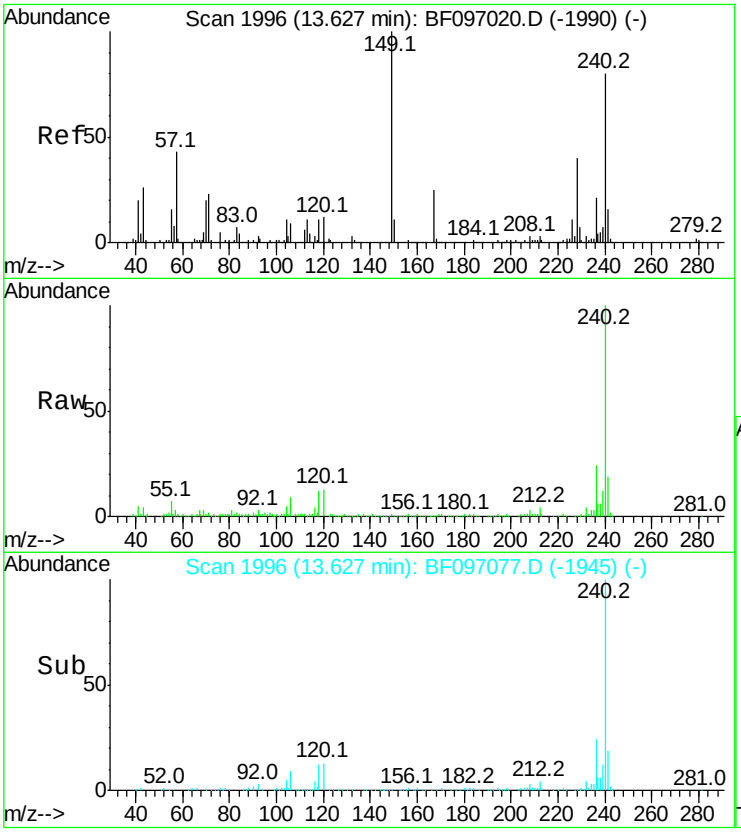


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:188 Resp: 295554

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	10.7	10.2	15.2



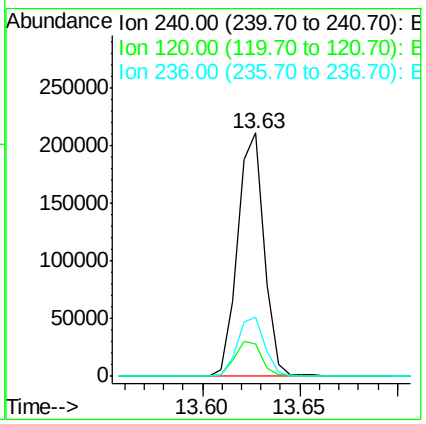


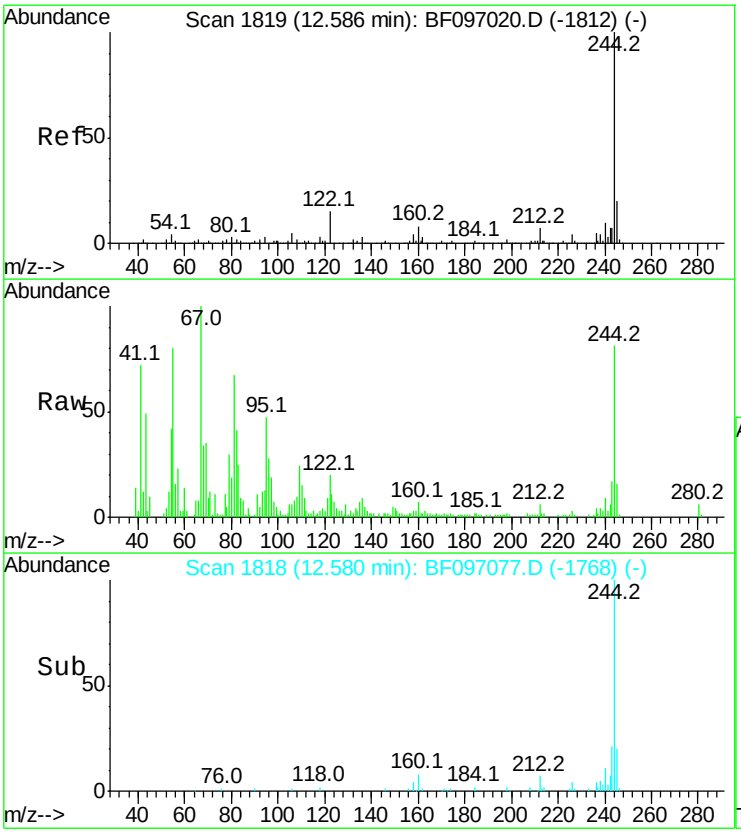
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.63 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 199020

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.3	20.5	30.7

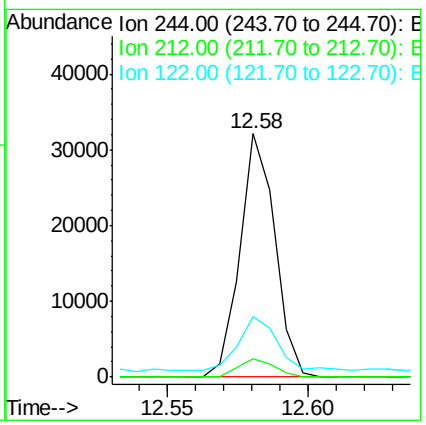


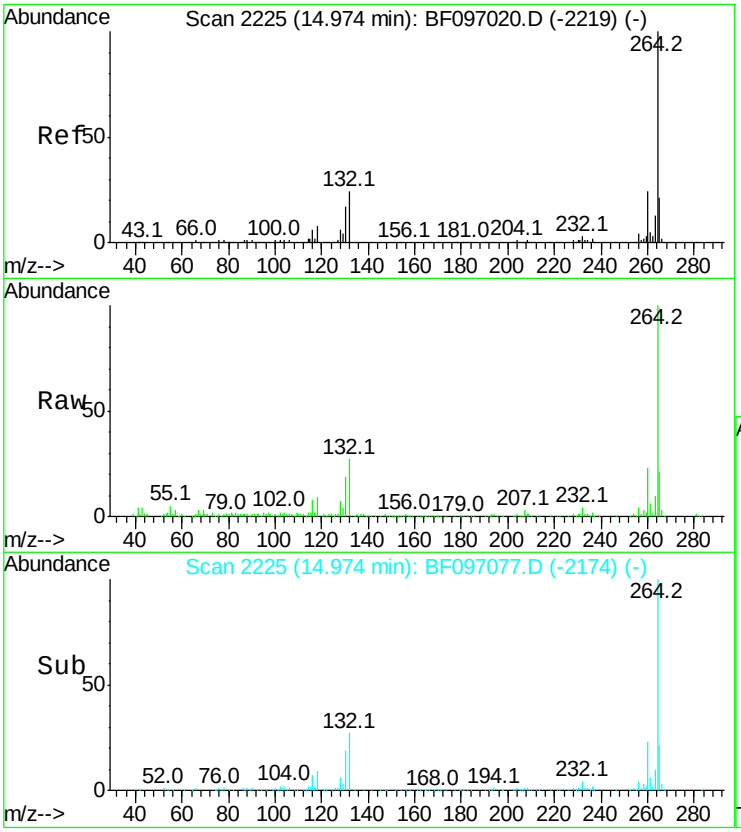


#78
Terphenyl-d14
Concen: 2.823 ng
RT: 12.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Tgt Ion:244 Resp: 27559

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	24.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097077.D
Acq: 26 Jul 2017 16:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194184

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.7	17.2	25.8