Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098916.D
Acq On : 28 Sep 2017 19:38
Operator : SJ/JU
Sample : I5446-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 00:44:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	145178	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	571829	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	225936	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	319160	20.00	ng		0.00
75) Chrysene-d12	14.08	240	256171	20.00	ng		0.00
86) Perylene-d12	15.57	264	277693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	7691	0.84	ng		0.00
7) Phenol-d6	6.53	99	162240	14.42	ng		-0.02
23) Nitrobenzene-d5	7.47	82	390951	43.84	ng		-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.27	172	685941	50.68	ng		-0.01
78) Terphenyl-d14	13.02	244	430240	38.20	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	52108	7.25	ng	#	78
25) Isophorone	7.47	82	388773	21.09	ng	#	64
49) Dimethylphthalate	9.66	163	75936	4.45	ng		98
50) 2,6-Dinitrotoluene	9.95	165	28748	7.74	ng	#	25
56) 2,4-Dinitrotoluene	9.95	165	28748	5.97	ng	#	23
74) Fluoranthene	12.65	202	48274	2.79	ng		99
77) Pyrene	12.88	202	45613	2.34	ng		98
87) Benzo(b)fluoranthene	15.13	252	41599	2.44	ng	#	77
88) Benzo(k)fluoranthene	15.13	252	41599	2.47	ng	#	80

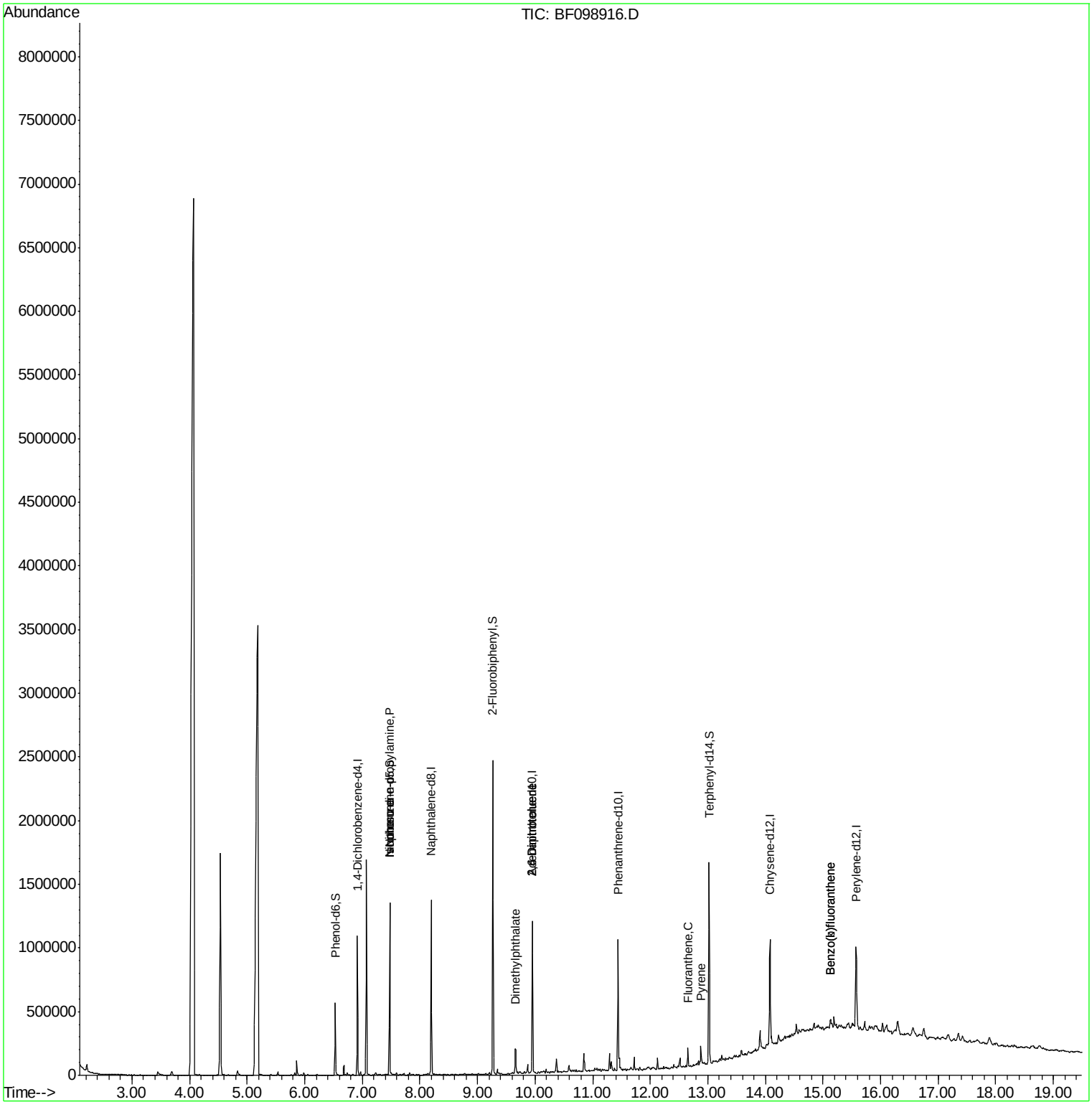
(#) = qualifier out of range (m) = manual integration (+) = signals summed

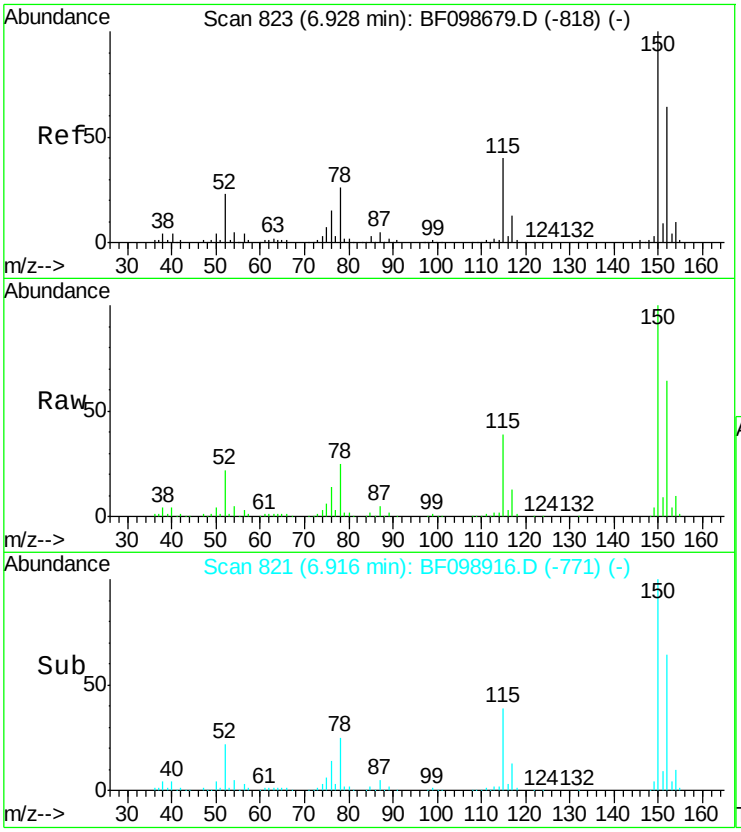
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098916.D
Acq On : 28 Sep 2017 19:38
Operator : SJ/JU
Sample : I5446-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 00:44:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



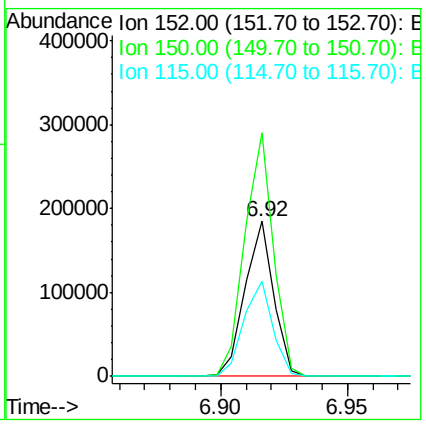


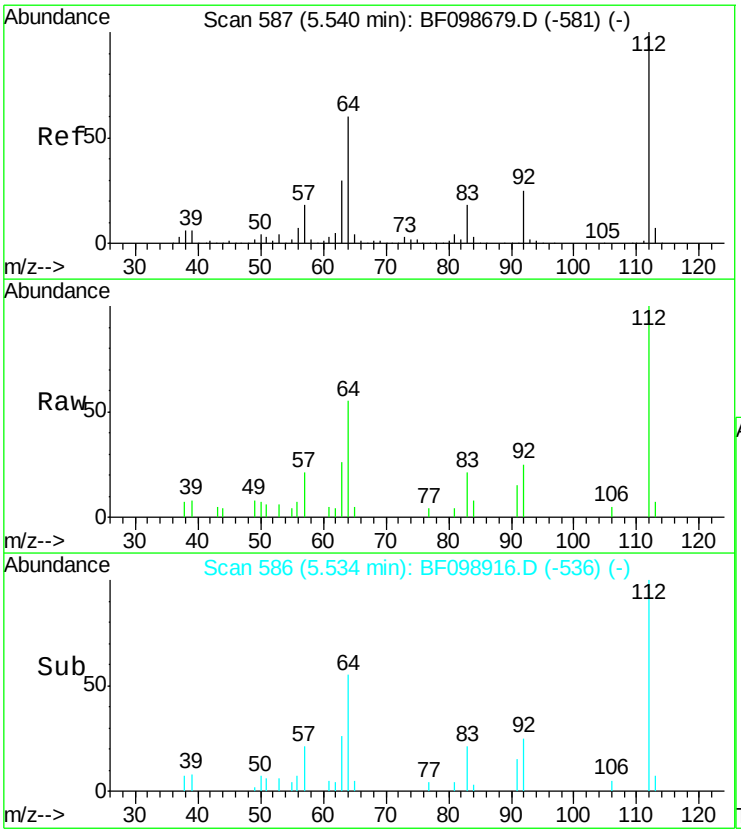
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 145178

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	61.7	50.1	75.1

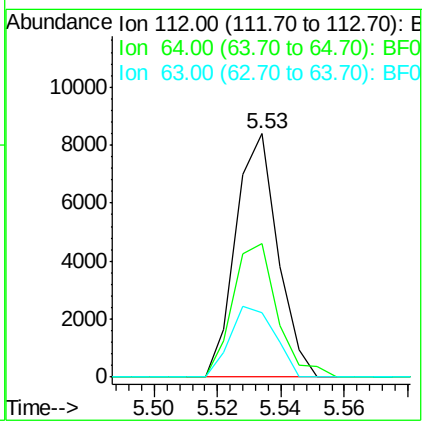


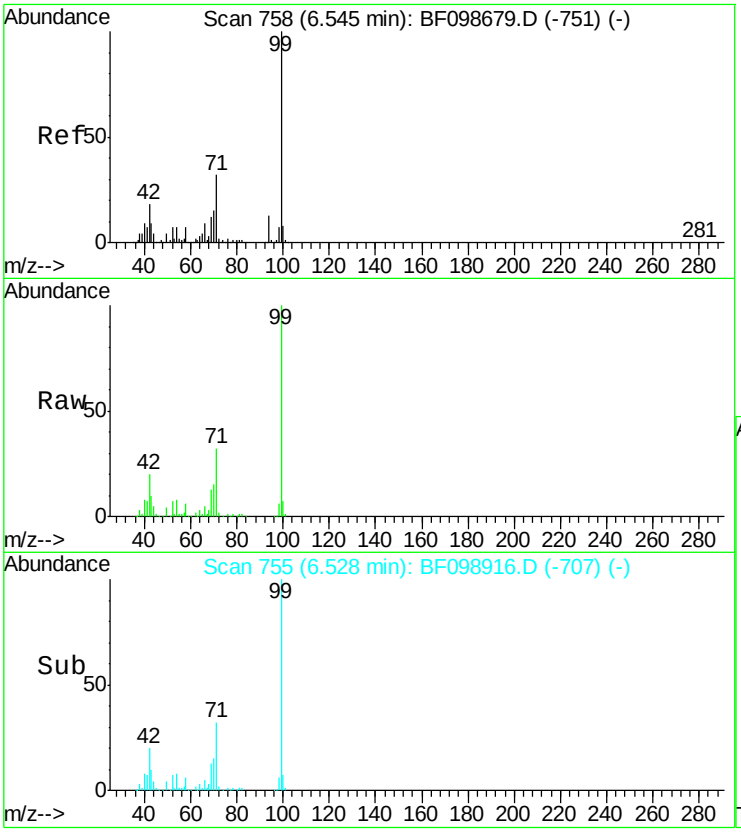


#5
2-Fluorophenol
Concen: 0.84 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:112 Resp: 7691

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	26.5	23.7	35.5



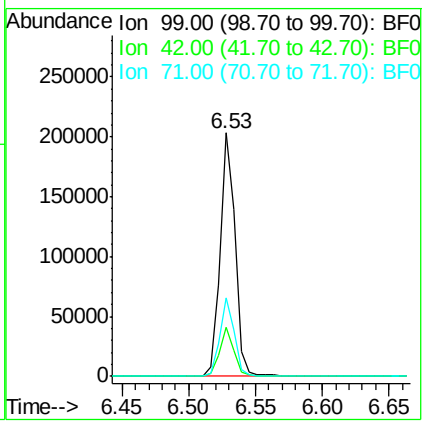


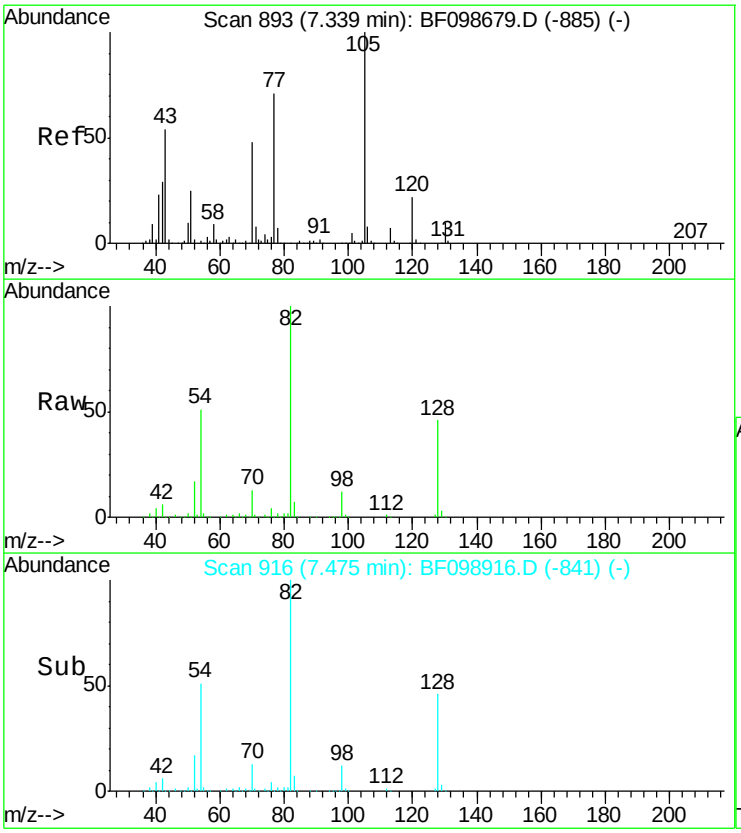
#7
Phenol-d6
Concen: 14.42 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 162240

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	32.2	25.4	38.0

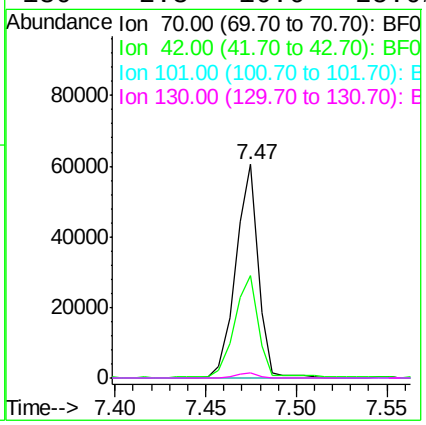


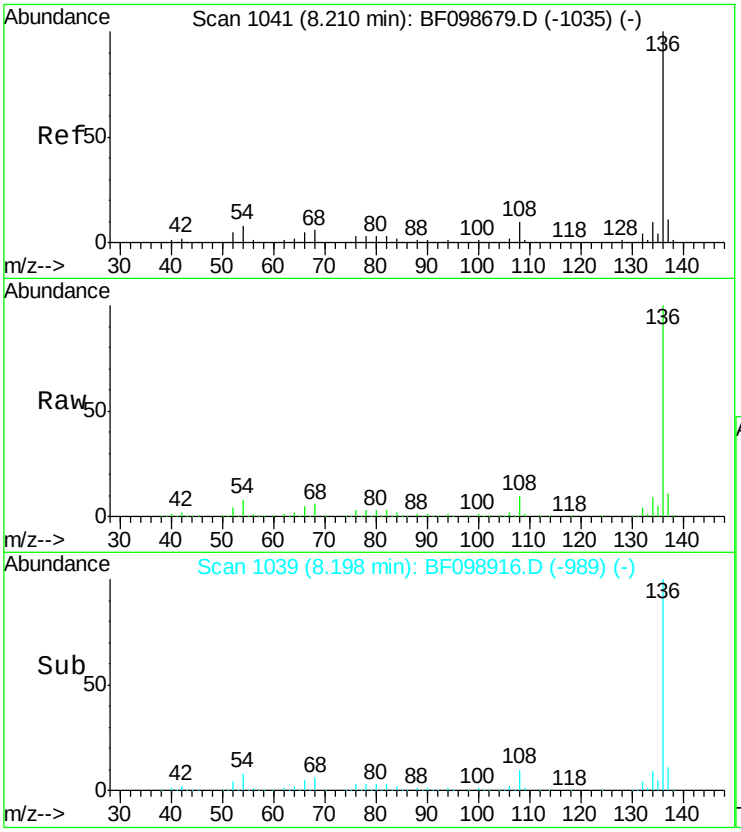


#19
n-Nitroso-di-n-propylamine
Concen: 7.25 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion: 70 Resp: 52108

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



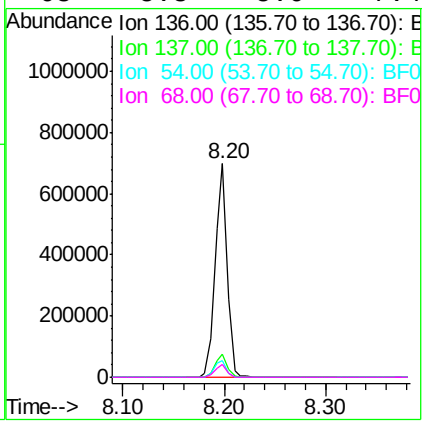


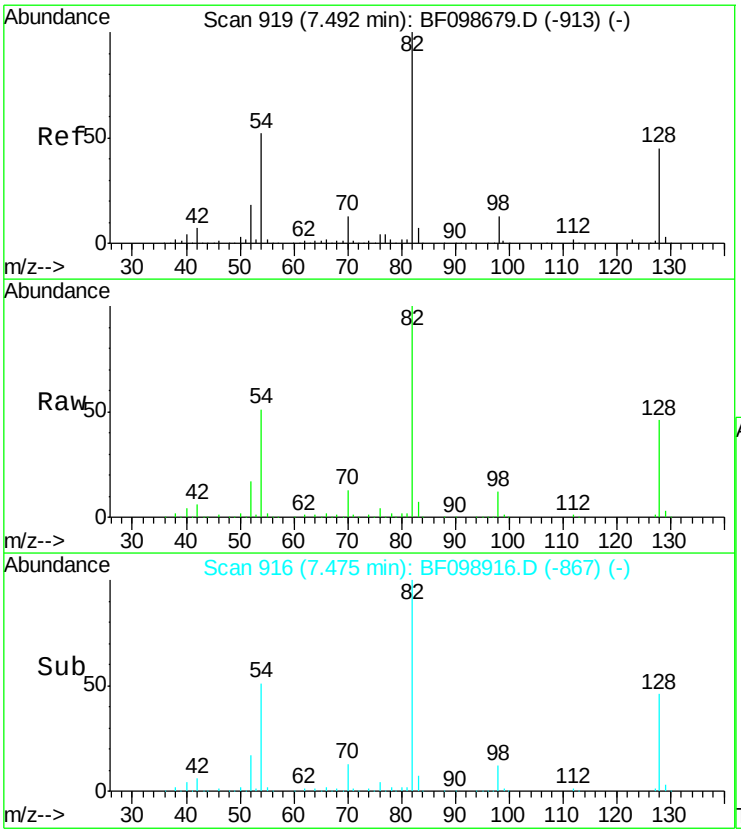
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 571829

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	5.8	5.0	7.4

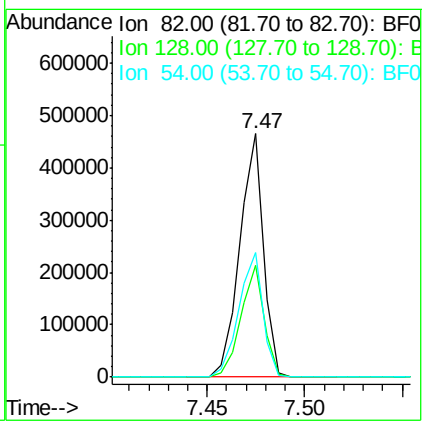


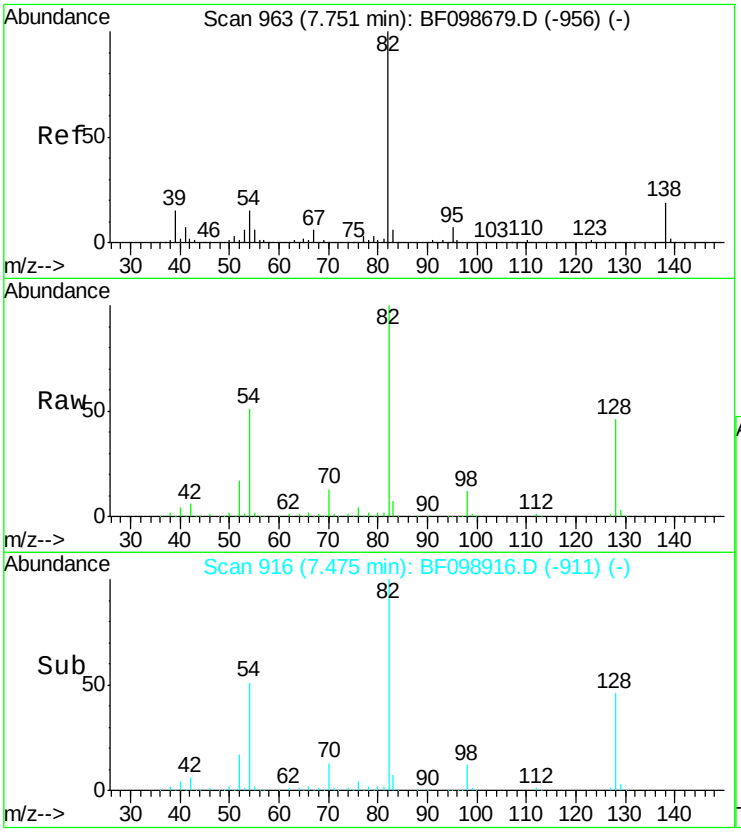


#23
Nitrobenzene-d5
Concen: 43.84 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion: 82 Resp: 390951

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	51.1	41.4	62.2



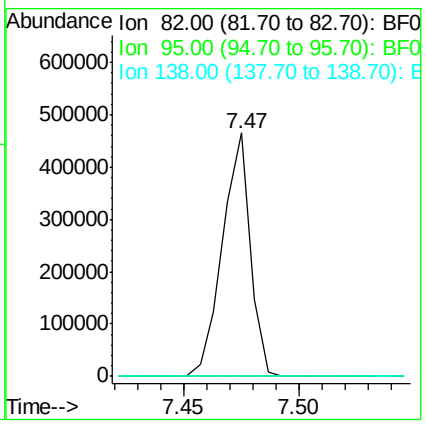


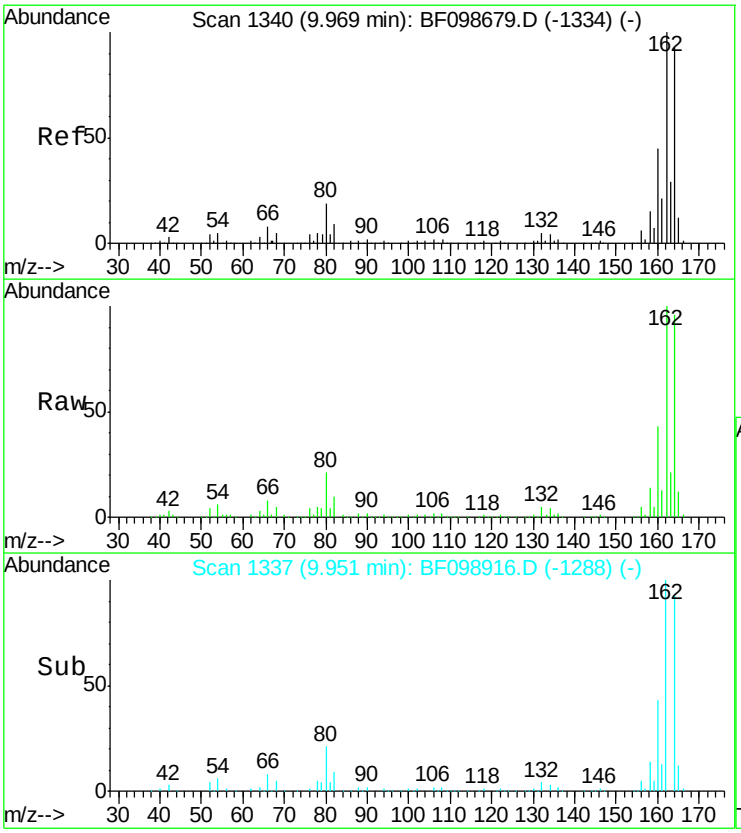
#25
Isophorone
Concen: 21.09 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 388773

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

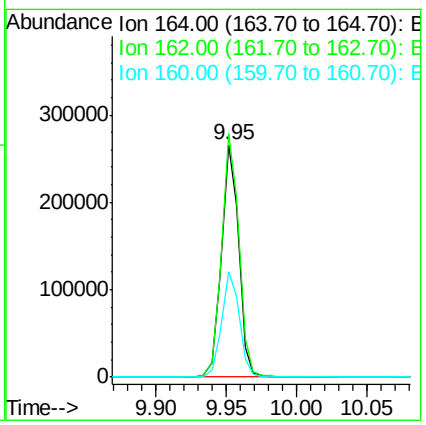


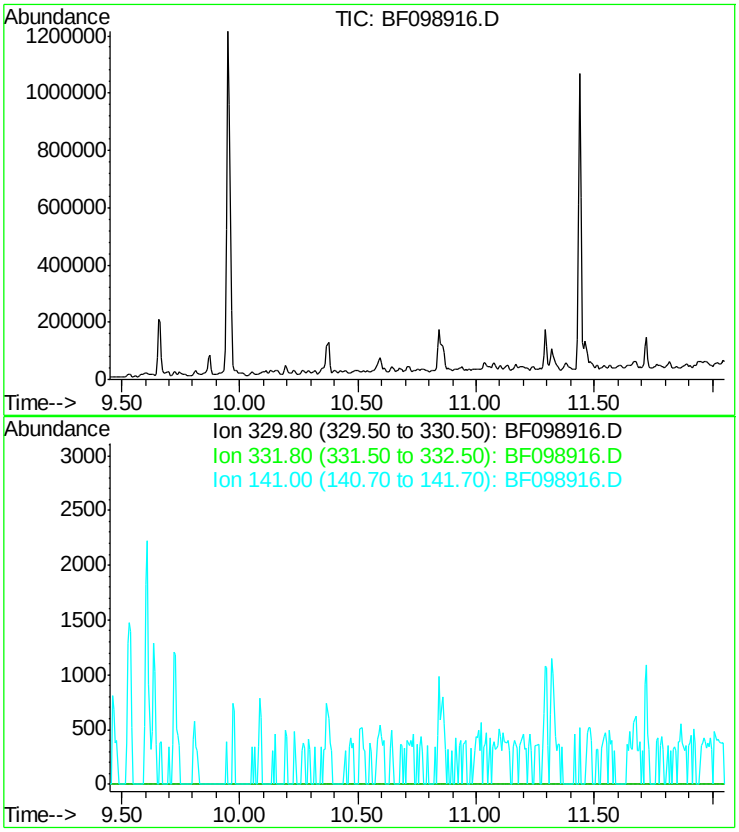


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:164 Resp: 225936

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.4	38.3	57.5





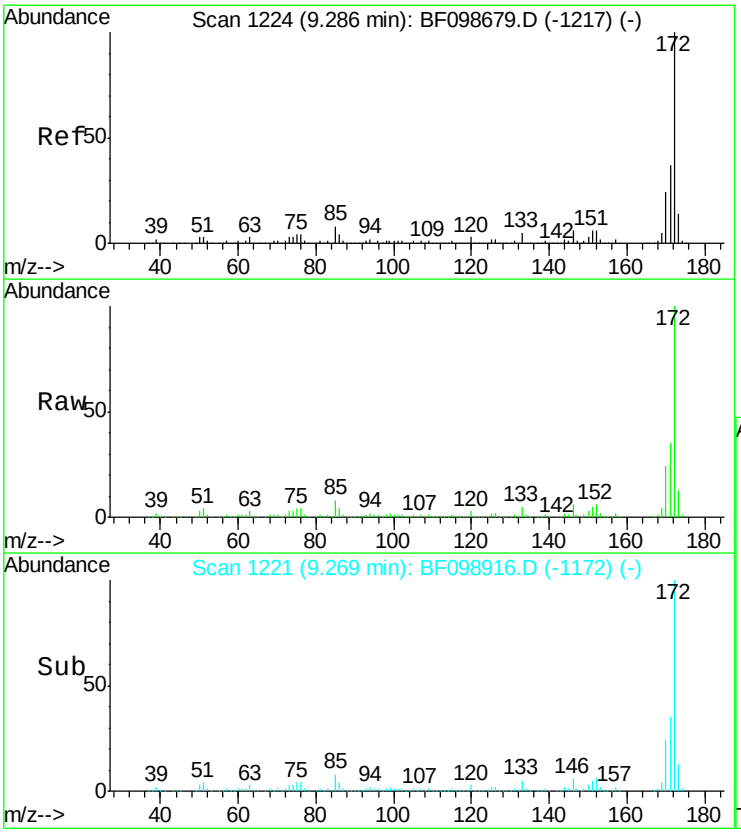
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.75 min

Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

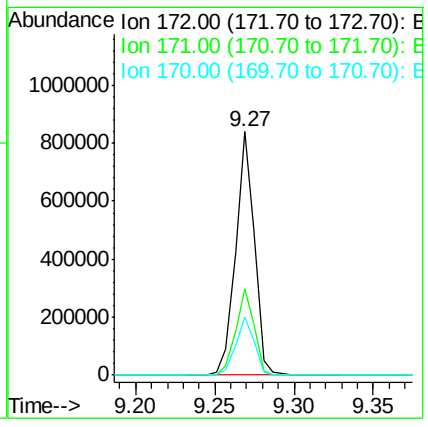
Instrument :
BNA_F
ClientSampleId :

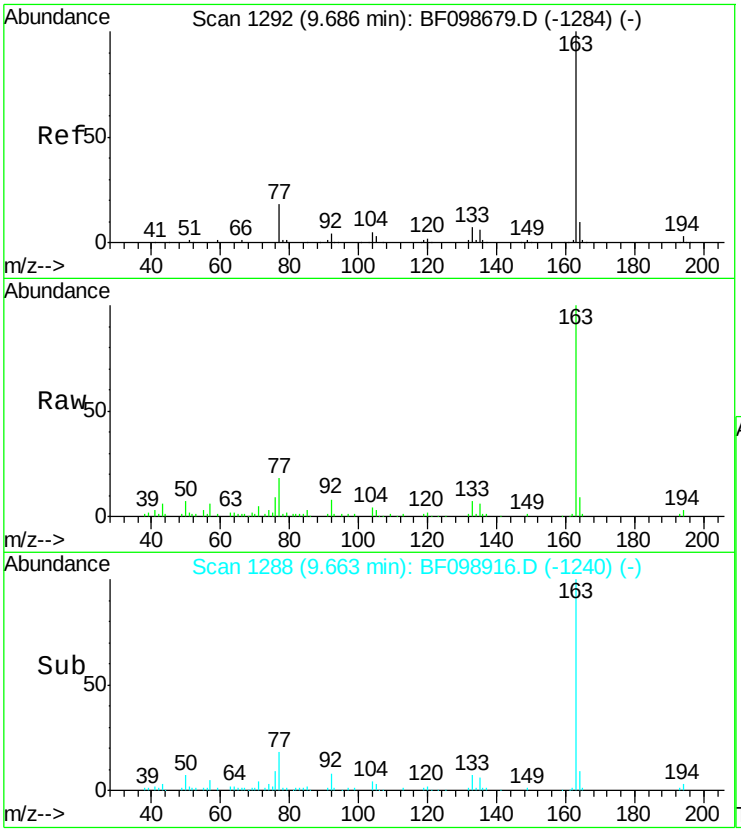


#44
2-Fluorobiphenyl
Concen: 50.68 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:172 Resp: 685941

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4



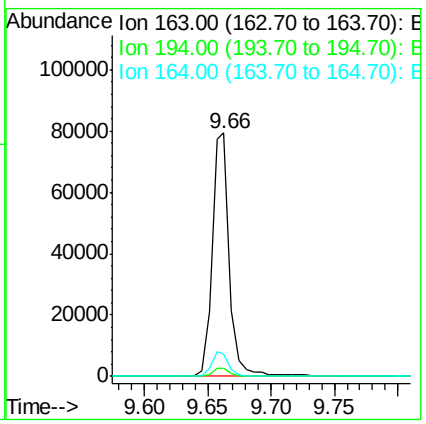


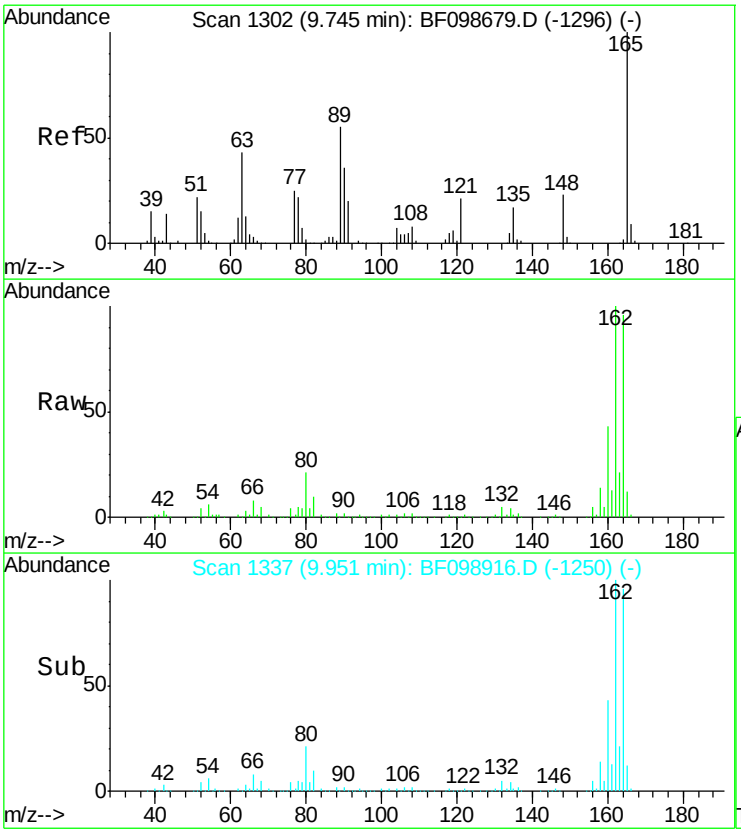
#49
Dimethylphthalate
Concen: 4.45 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 75936

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.3	8.2	12.2

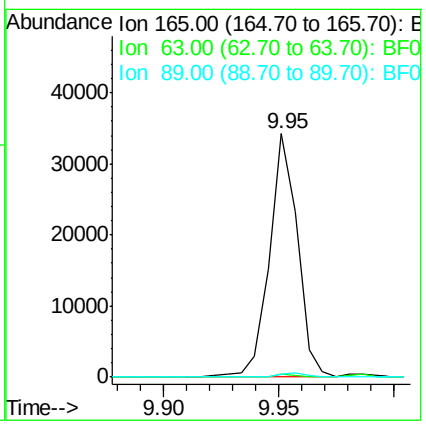


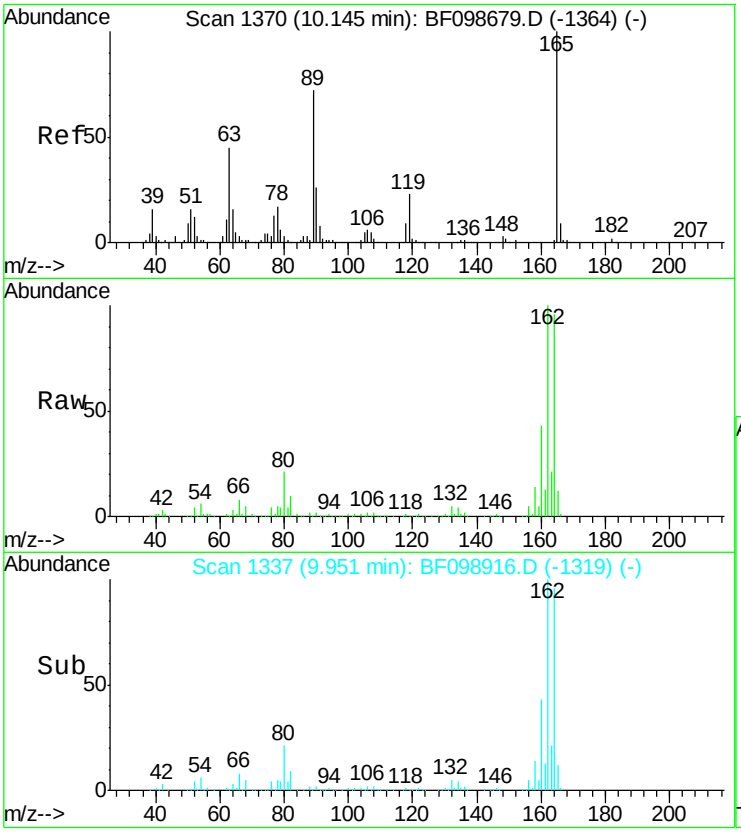


#50
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:165 Resp: 28748

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



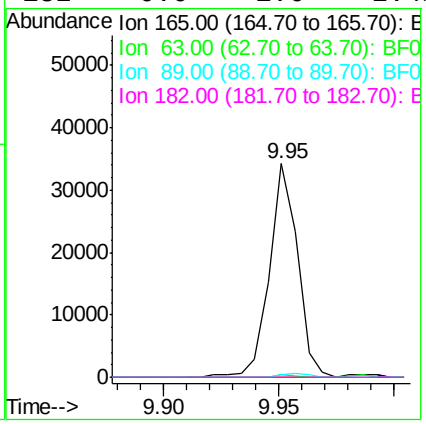


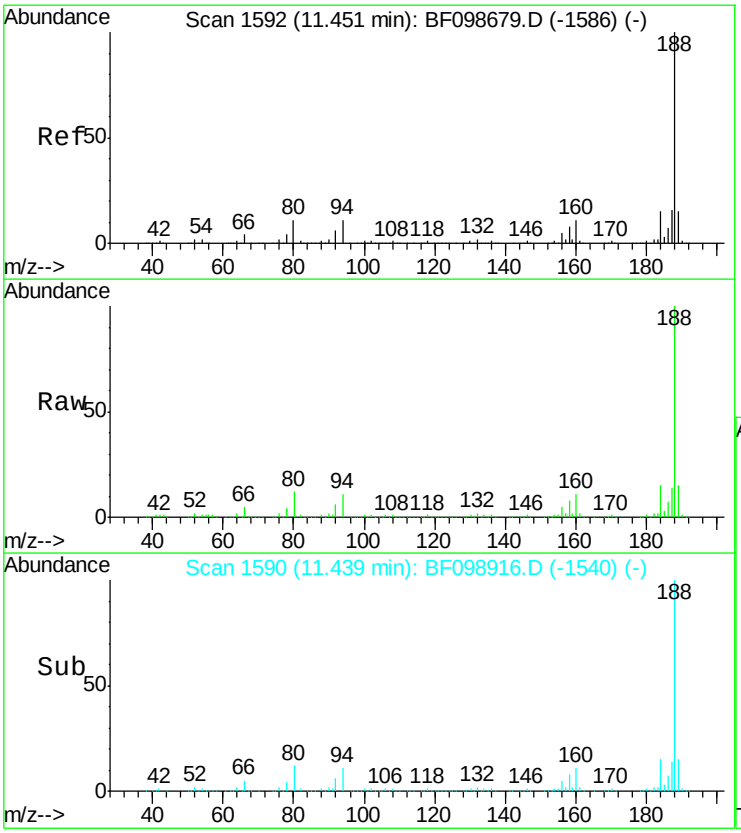
#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28748

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

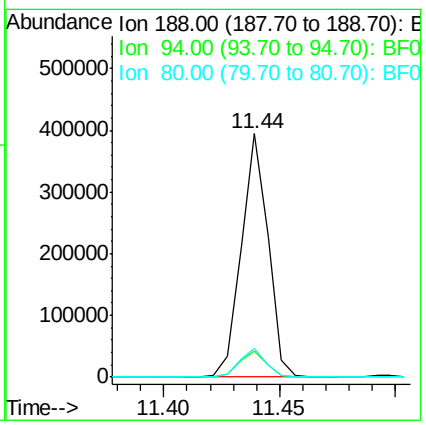


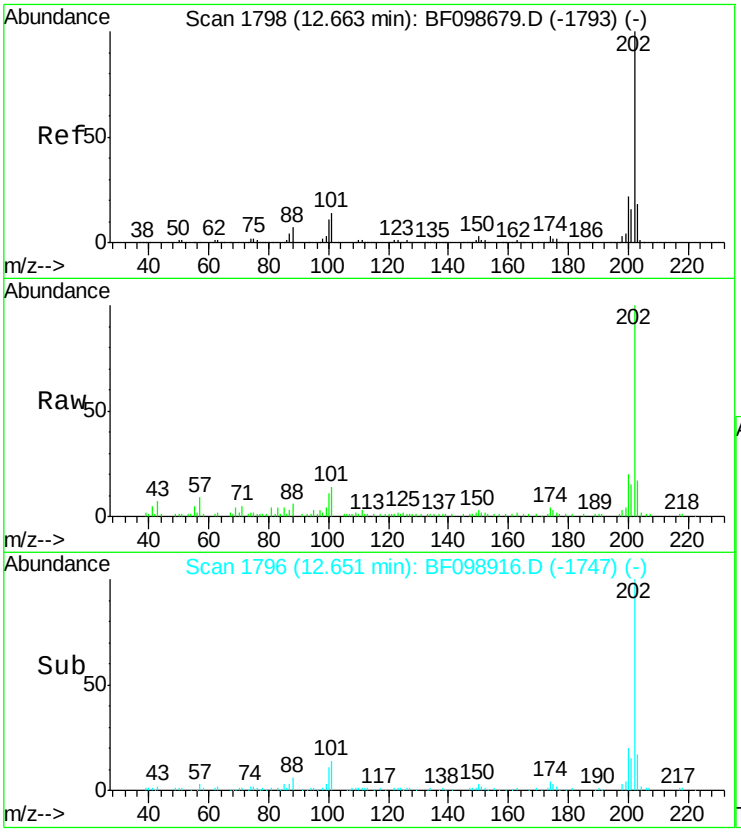


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:188 Resp: 319160

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8



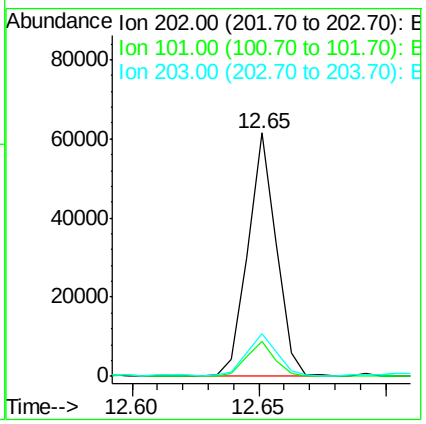


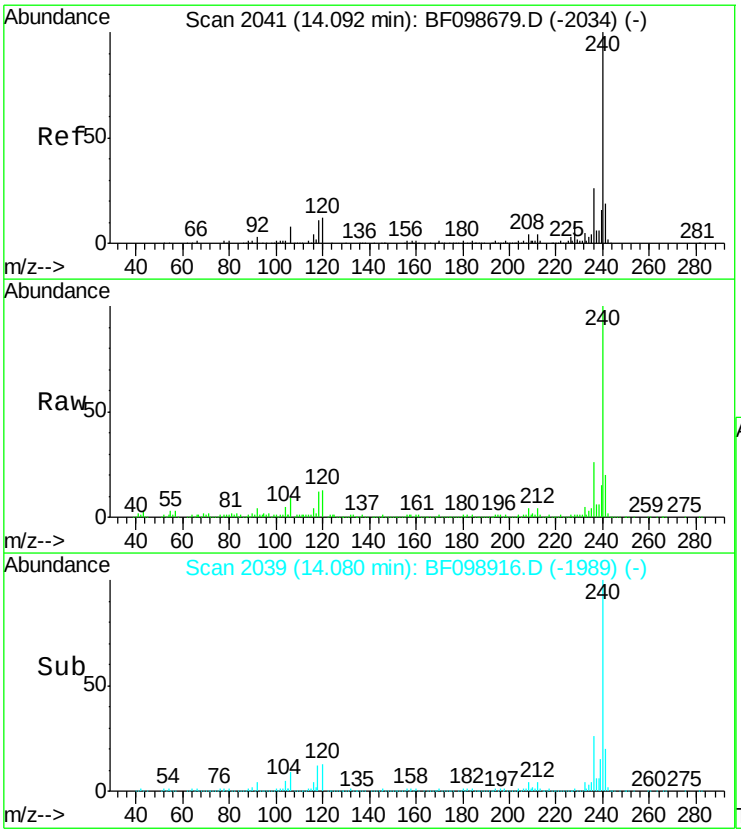
#74
Fluoranthene
Concen: 2.79 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 48274

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.4	0.0	38.1

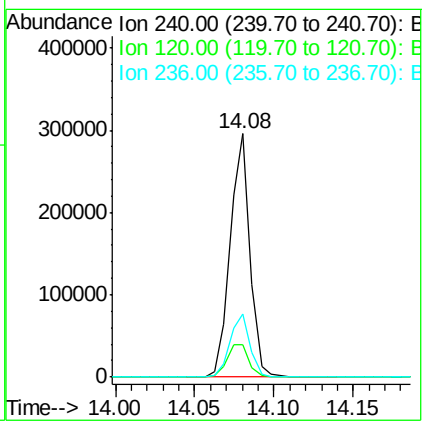


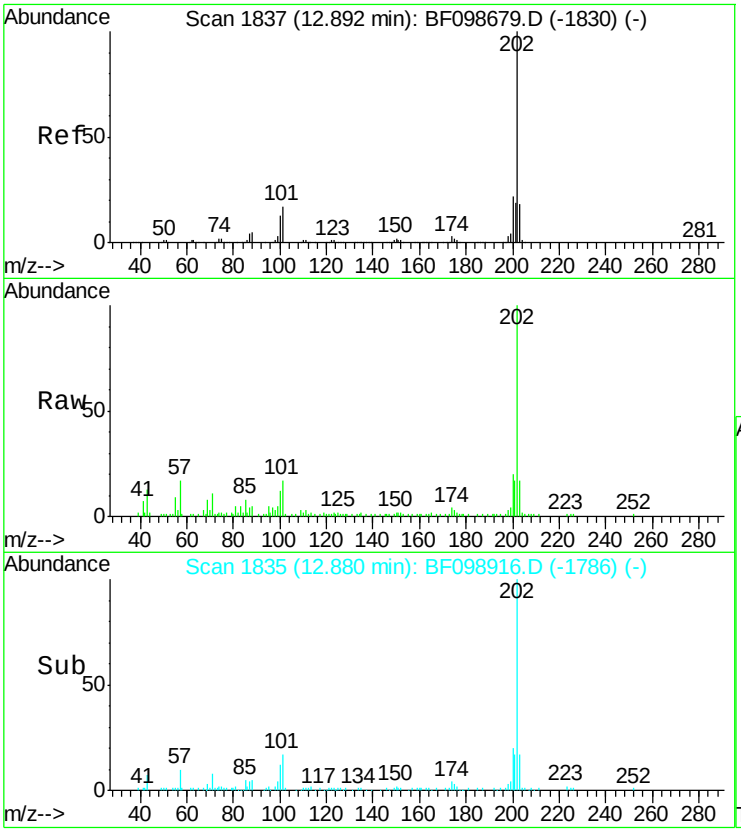


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:240 Resp: 256171

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.1	20.7	31.1



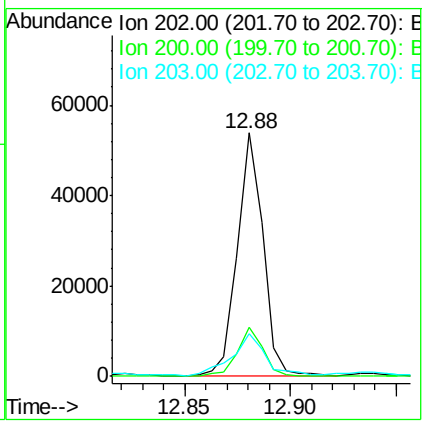


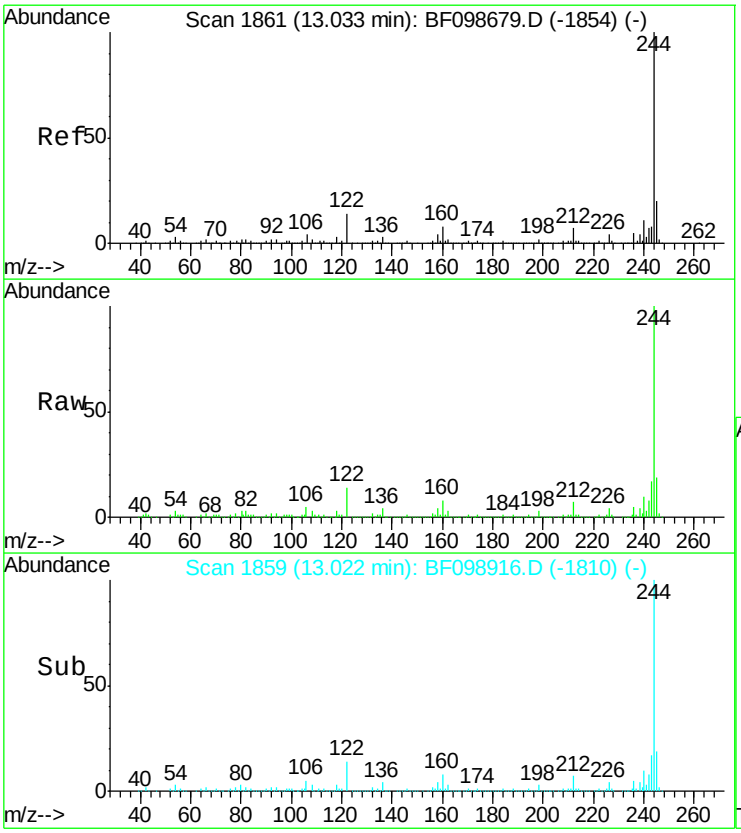
#77
Pyrene
Concen: 2.34 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45613

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.5	14.3	21.5

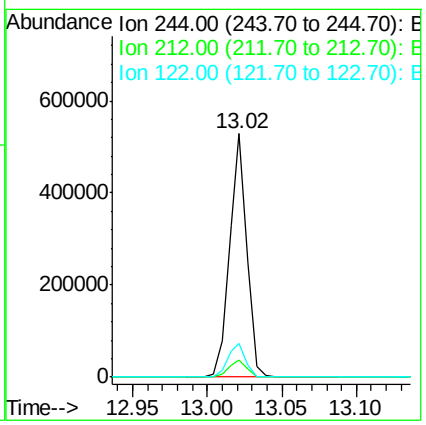


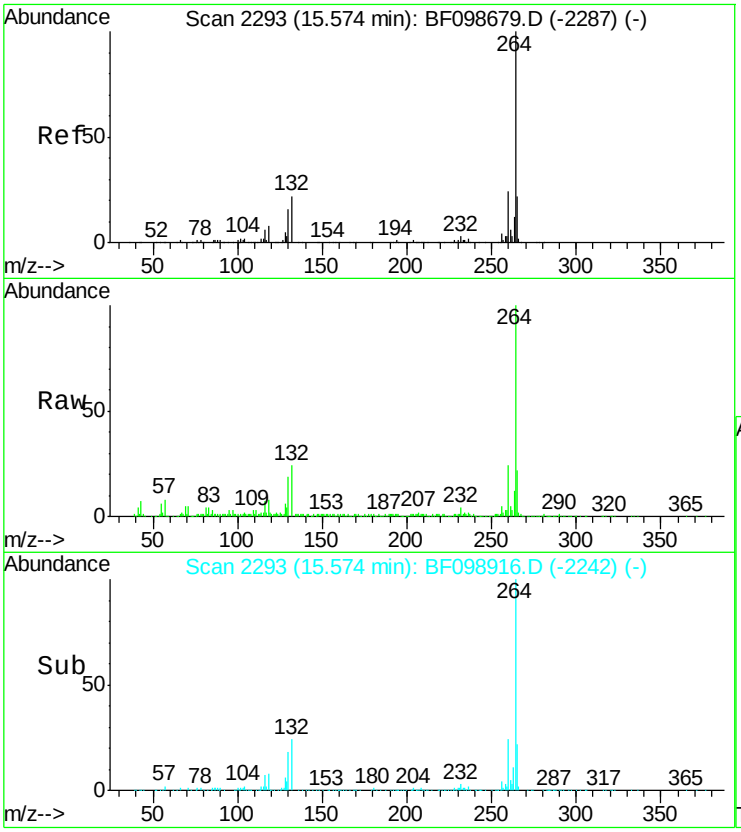


#78
Terphenyl-d14
Concen: 38.20 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:244 Resp: 430240

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.9	11.0	16.4



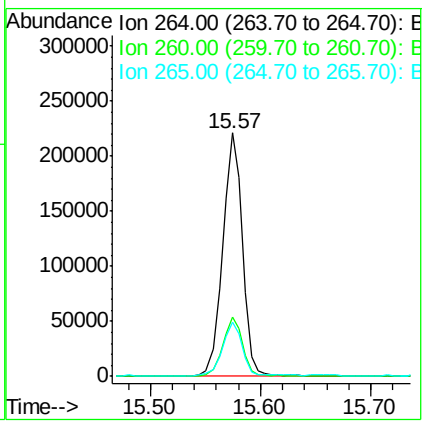


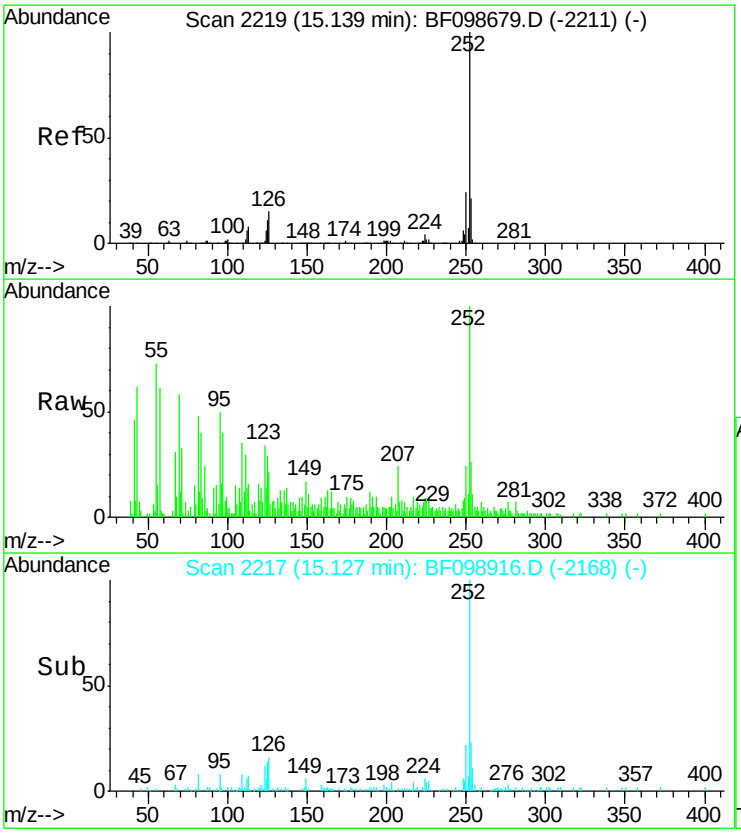
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 277693

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

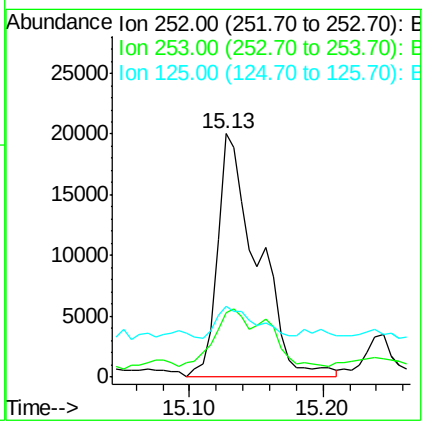


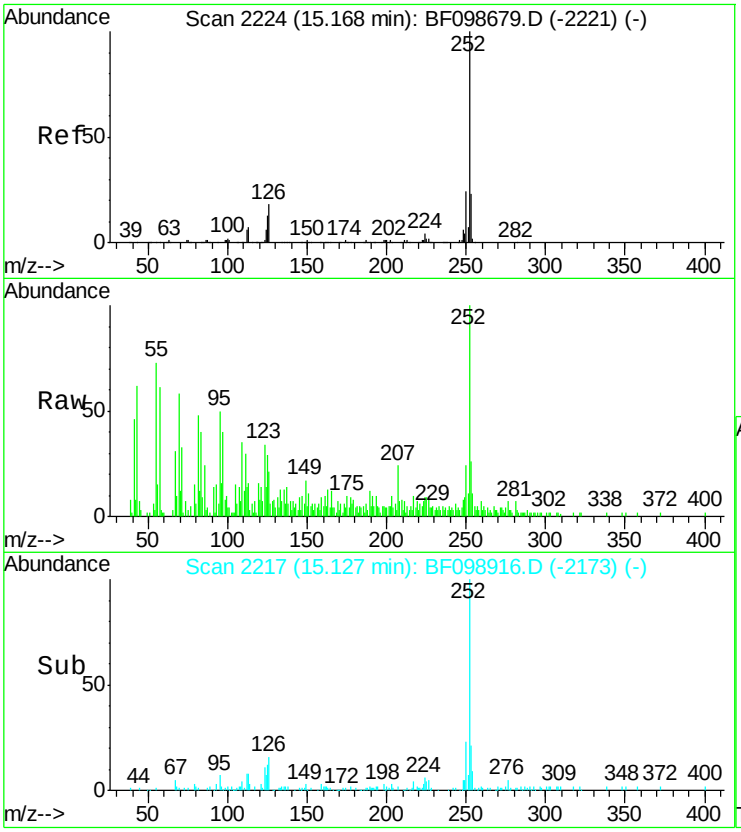


#87
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Tgt Ion:252 Resp: 41599

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	29.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.47 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098916.D
Acq: 28 Sep 2017 19:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41599

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	29.2	10.2	15.2#