Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088912.D
Acq On : 11 Jul 2016 21:22
Operator : UM/SJ
Sample : H3921-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B1(0-5)C

Quant Time: Jul 12 02:05:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	67332	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	280233	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	115145	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	183520	20.00	ng		0.00
75) Chrysene-d12	13.84	240	133112	20.00	ng		-0.01
86) Perylene-d12	15.21	264	117242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	517172	115.11	ng		0.02
7) Phenol-d6	6.35	99	608178	104.77	ng		0.00
23) Nitrobenzene-d5	7.28	82	409705	76.62	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	115299	107.83	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	597004	81.90	ng		0.00
78) Terphenyl-d14	12.80	244	427183	71.48	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	55733	14.29	ng	#	70
49) Dimethylphthalate	9.47	163	94349	11.50	ng		98
56) 2,4-Dinitrotoluene	9.75	165	14179	5.96	ng	#	36
66) 4-Bromophenyl-phenylether	10.52	248	7301	3.95	ng	#	1
70) Phenanthrene	11.24	178	23845	2.38	ng		99
74) Fluoranthene	12.42	202	52608	5.17	ng		99
77) Pyrene	12.65	202	52662	4.67	ng		97
80) Benzo(a)anthracene	13.83	228	30610	3.57	ng		93
82) Chrysene	13.83	228	30610	3.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	15174	2.64	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.49	276	14280	2.19	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	45462	6.18	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	45462	7.10	ng		97
89) Benzo(a)pyrene	15.11	252	17016	2.73	ng		93
91) Benzo(g,h,i)perylene	16.88	276	12809	2.38	ng		96

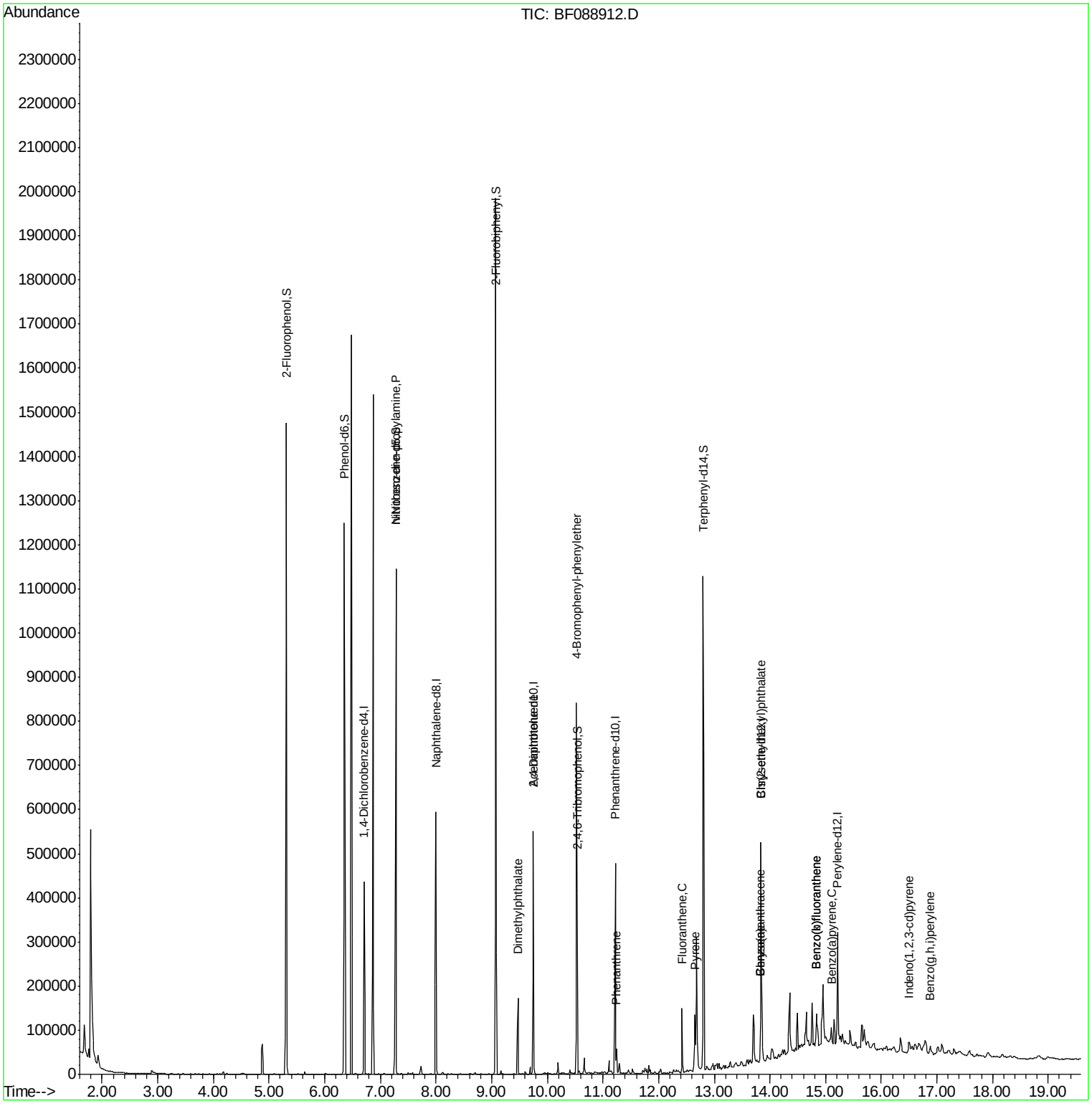
(#) = qualifier out of range (m) = manual integration (+) = signals summed

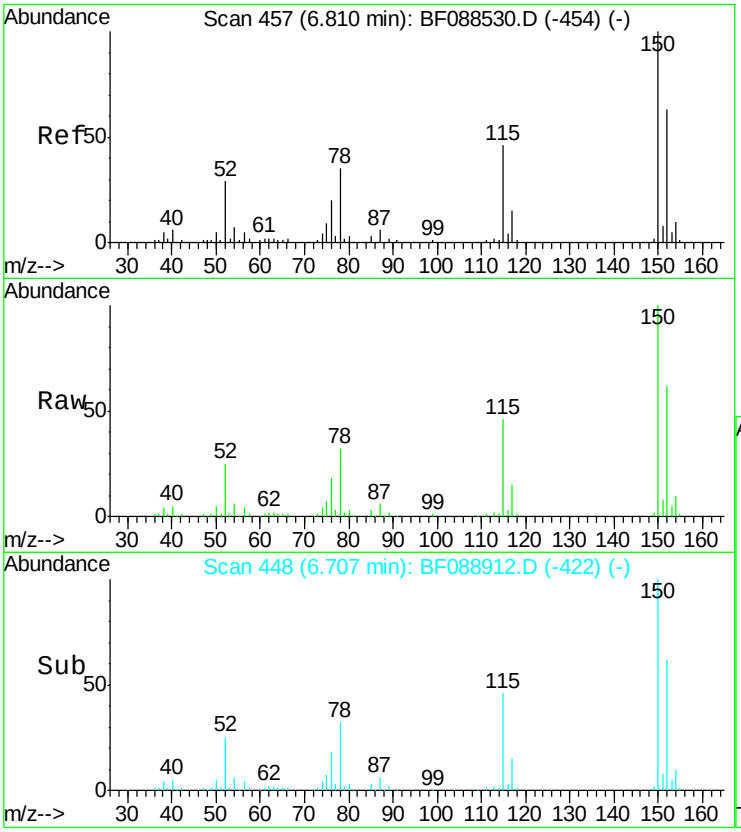
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088912.D
Acq On : 11 Jul 2016 21:22
Operator : UM/SJ
Sample : H3921-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Quant Time: Jul 12 02:05:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



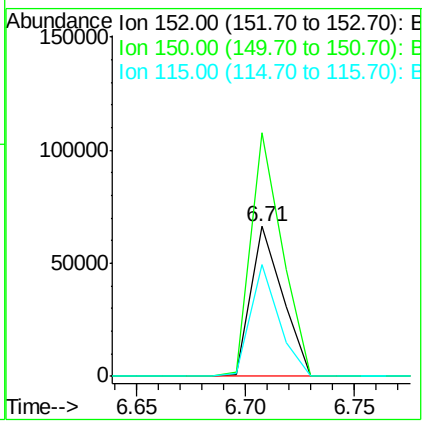


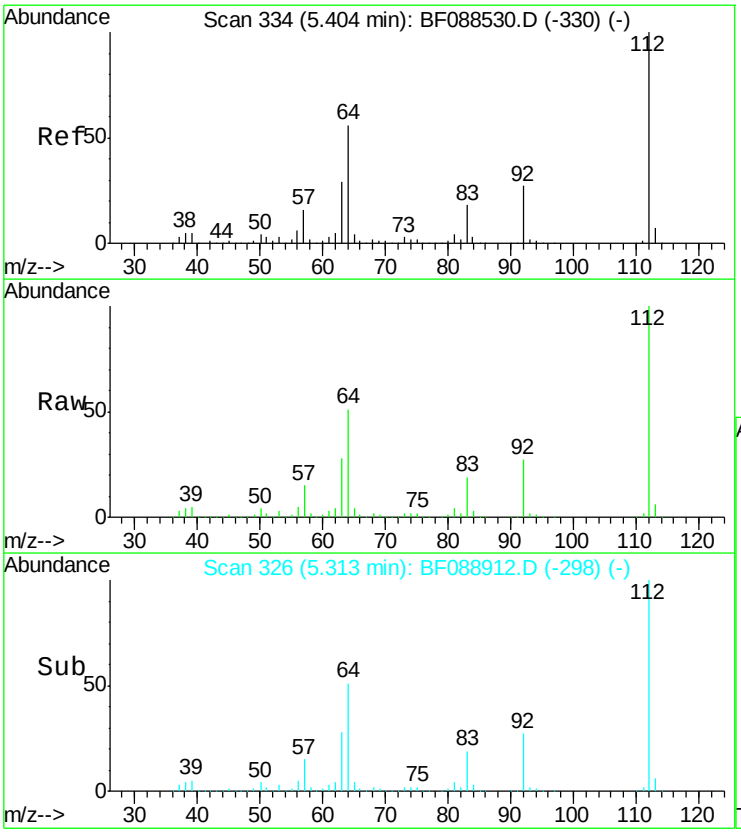
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:152 Resp: 67332

Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.8	185.6
115	74.4	39.6	59.4#

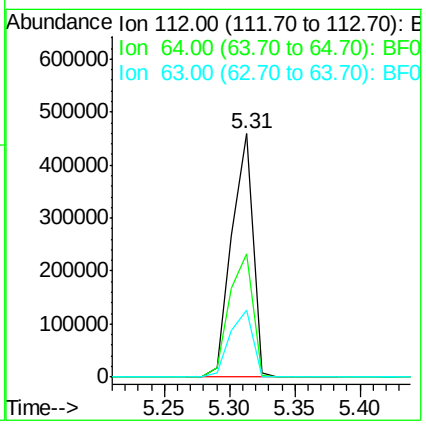


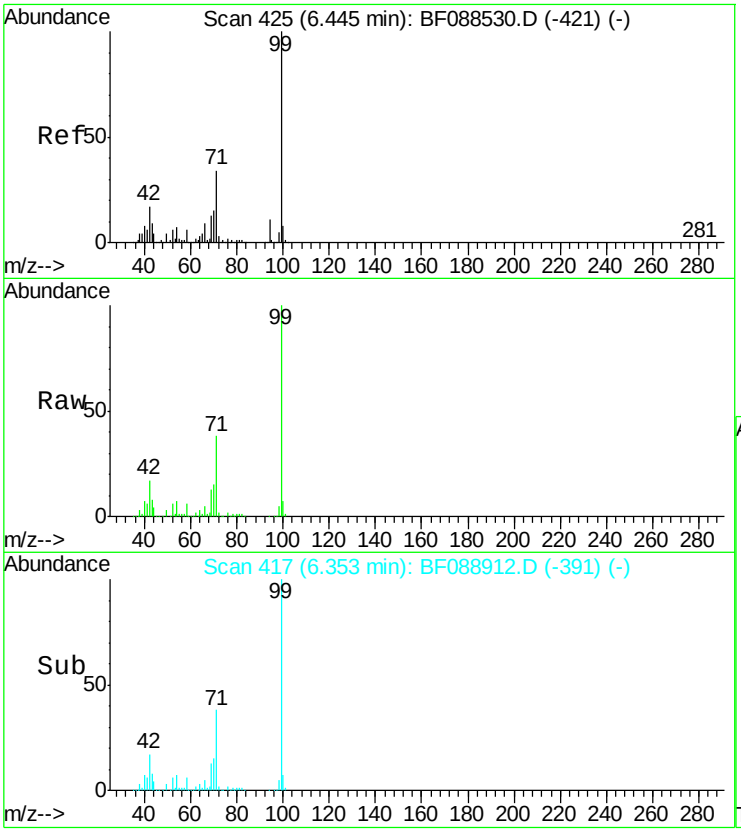


#5
2-Fluorophenol
Concen: 115.11 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:112 Resp: 517172

Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	27.5	21.8	32.8



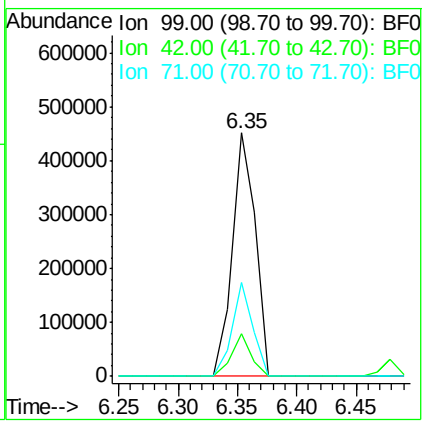


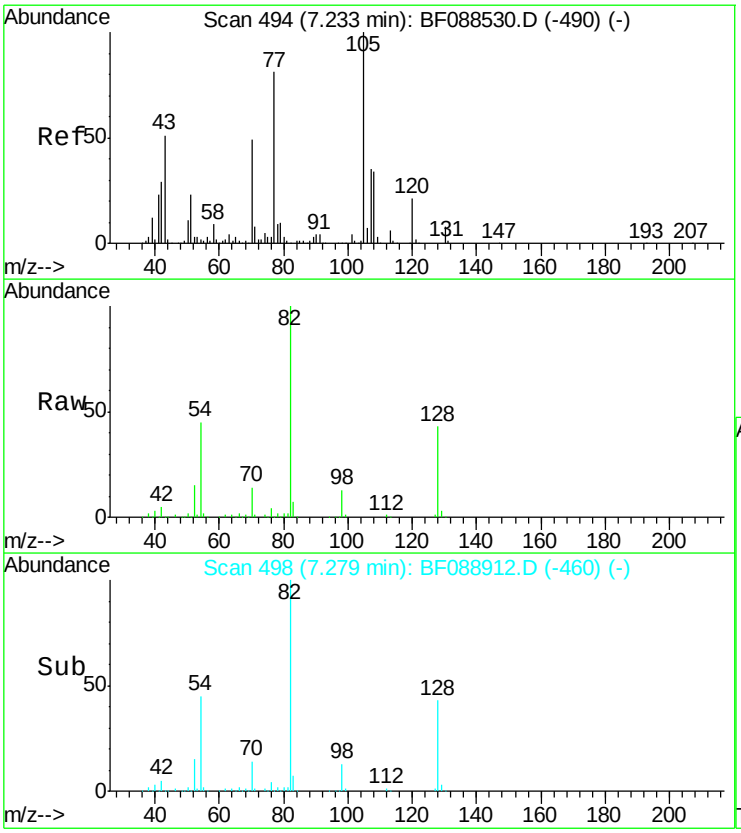
#7
Phenol-d6
Concen: 104.77 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion: 99 Resp: 608178

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	38.3	23.4	35.0#

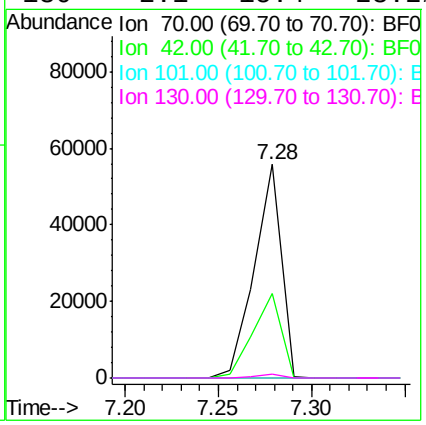


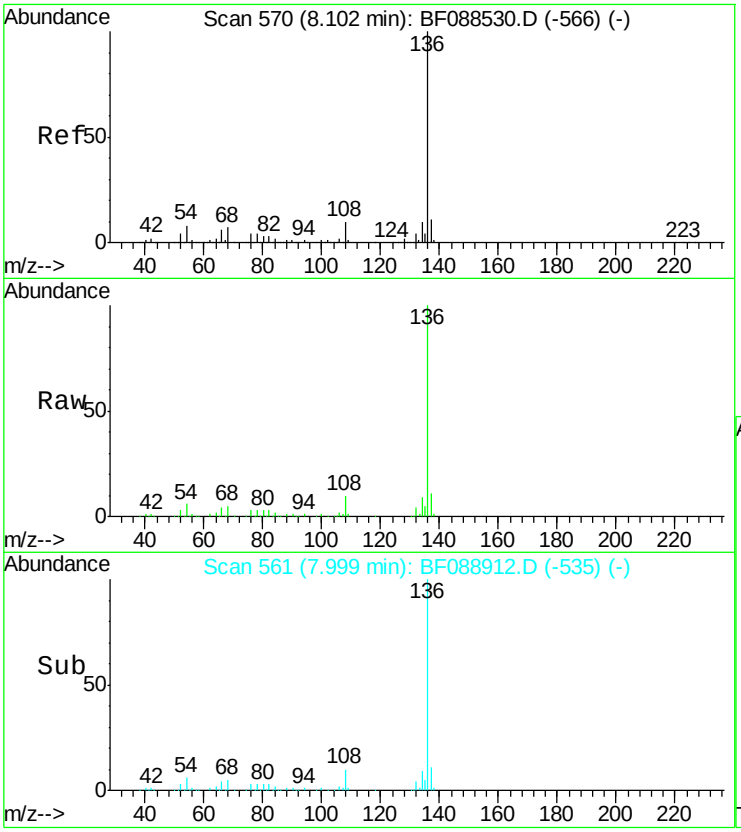


#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion: 70 Resp: 55733

Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



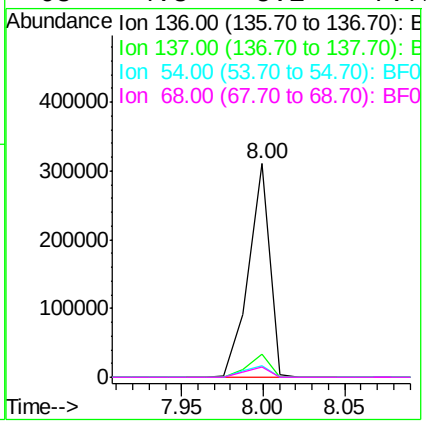


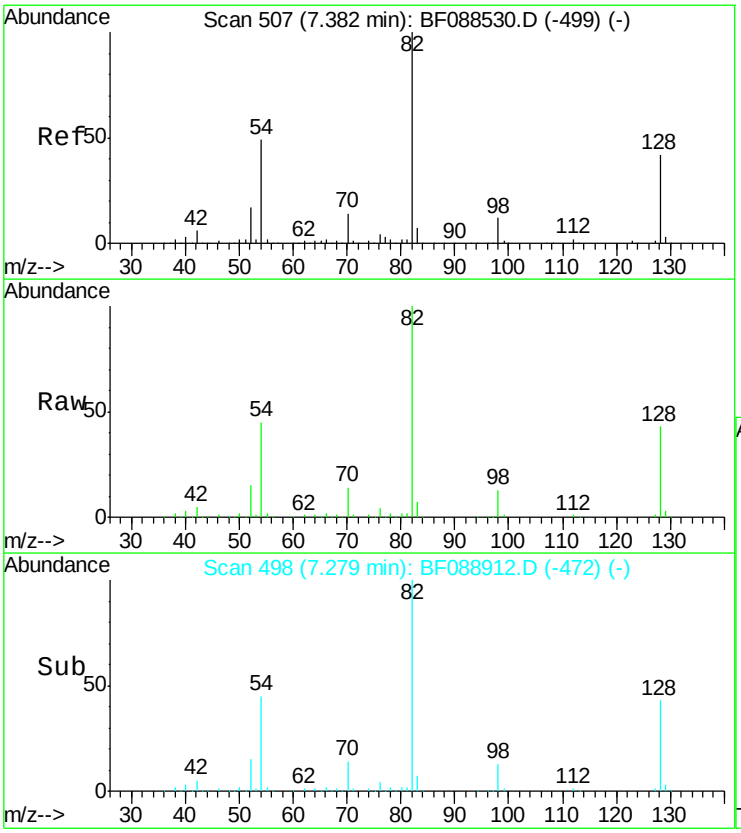
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:136 Resp: 280233

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.5	6.6	10.0#
68	4.8	5.1	7.7#

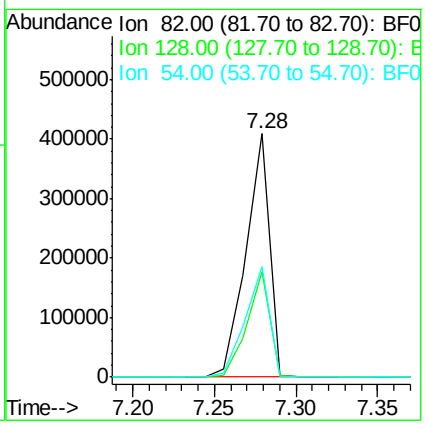


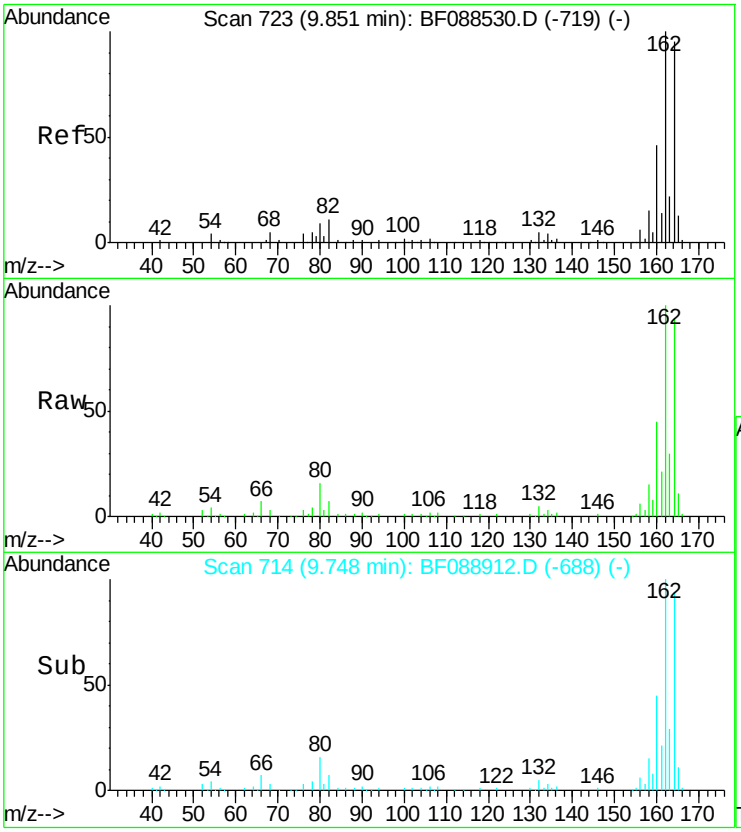


#23
Nitrobenzene-d5
Concen: 76.62 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion: 82 Resp: 409705

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	45.5	40.9	61.3



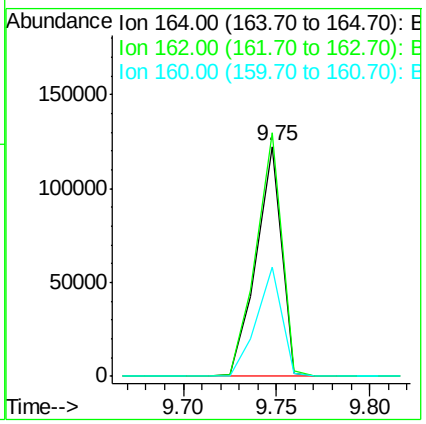


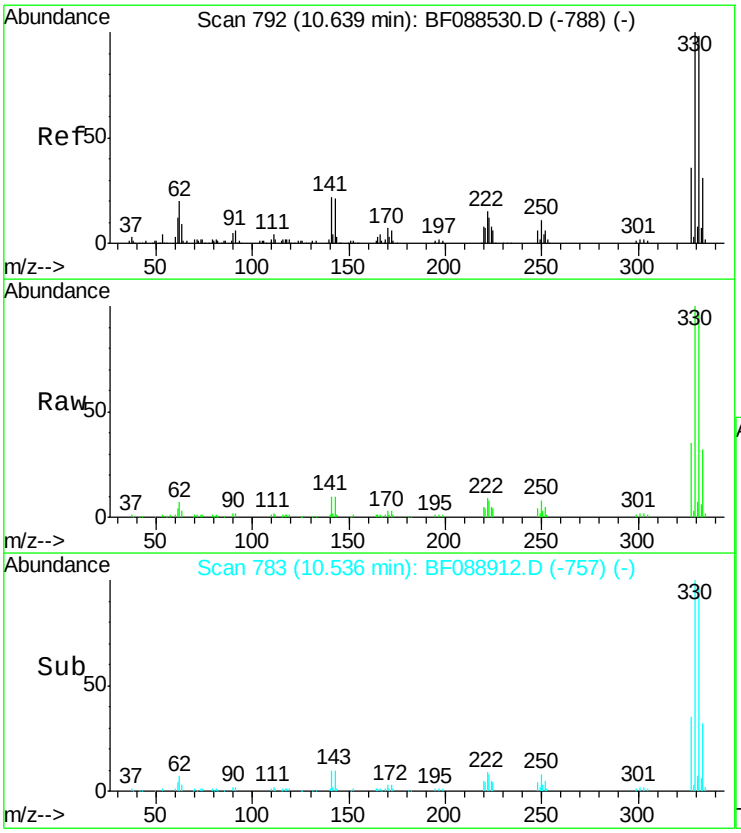
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:164 Resp: 115145

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	47.3	39.5	59.3

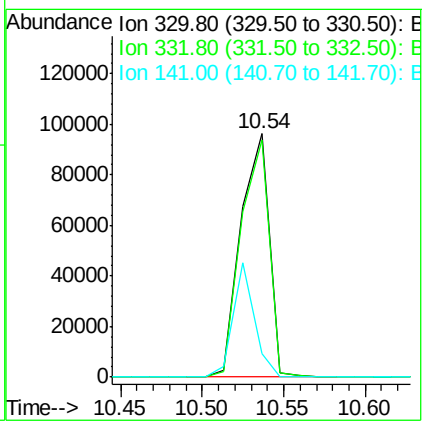


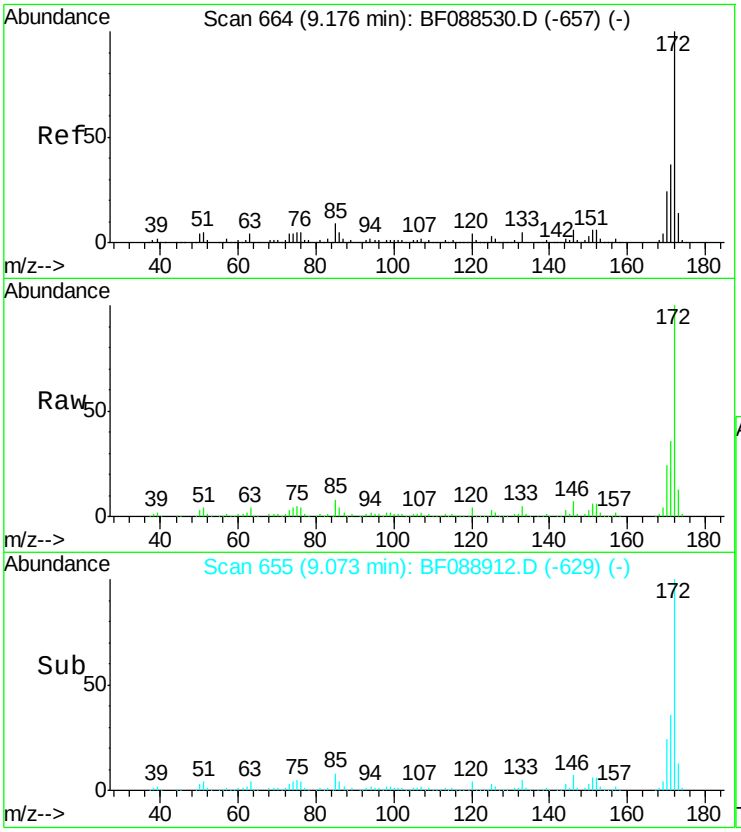


#41
2,4,6-Tribromophenol
Concen: 107.83 ng
RT: 10.54 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:330 Resp: 115299

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	35.3	0.0	0.0#



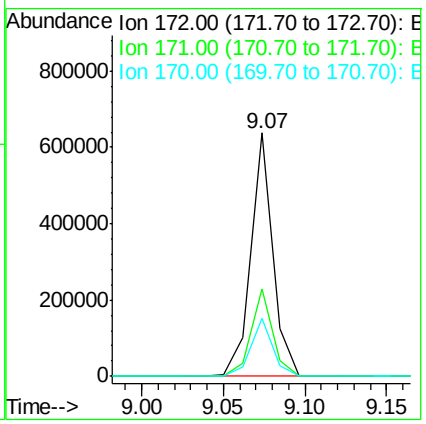


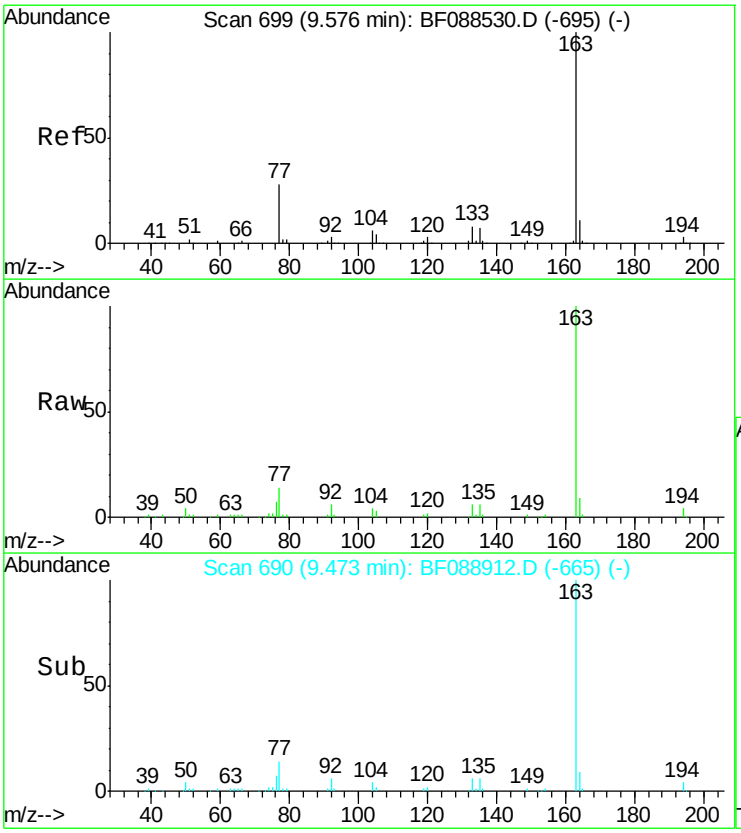
#44
2-Fluorobiphenyl
Concen: 81.90 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:172 Resp: 597004

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.2	28.8

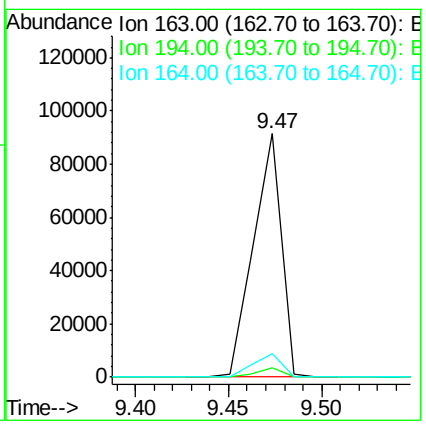


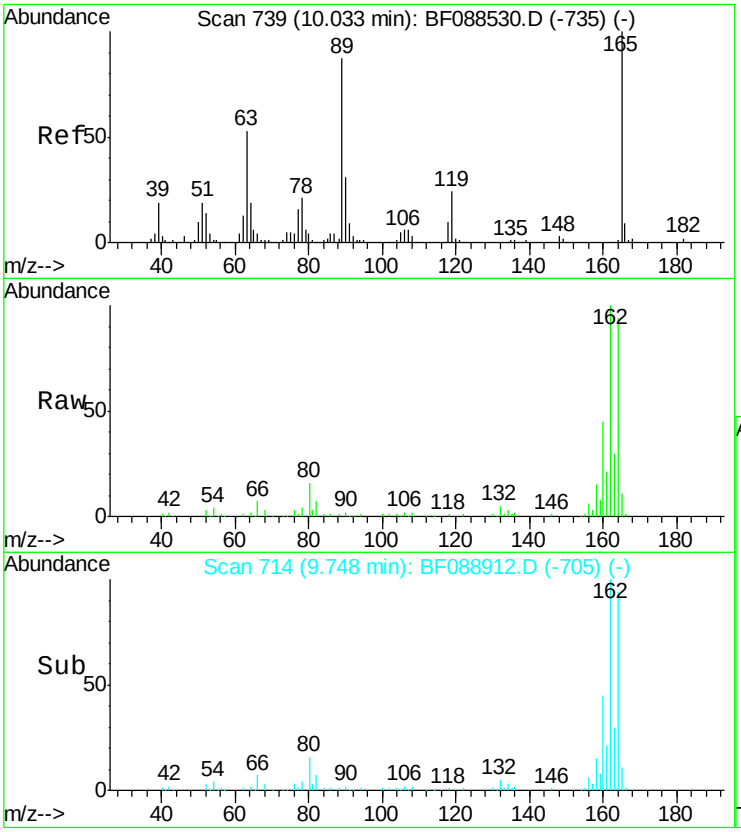


#49
Dimethylphthalate
Concen: 11.50 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:163 Resp: 94349

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.5	8.3	12.5



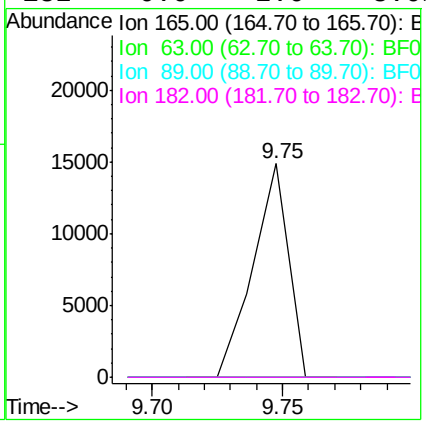


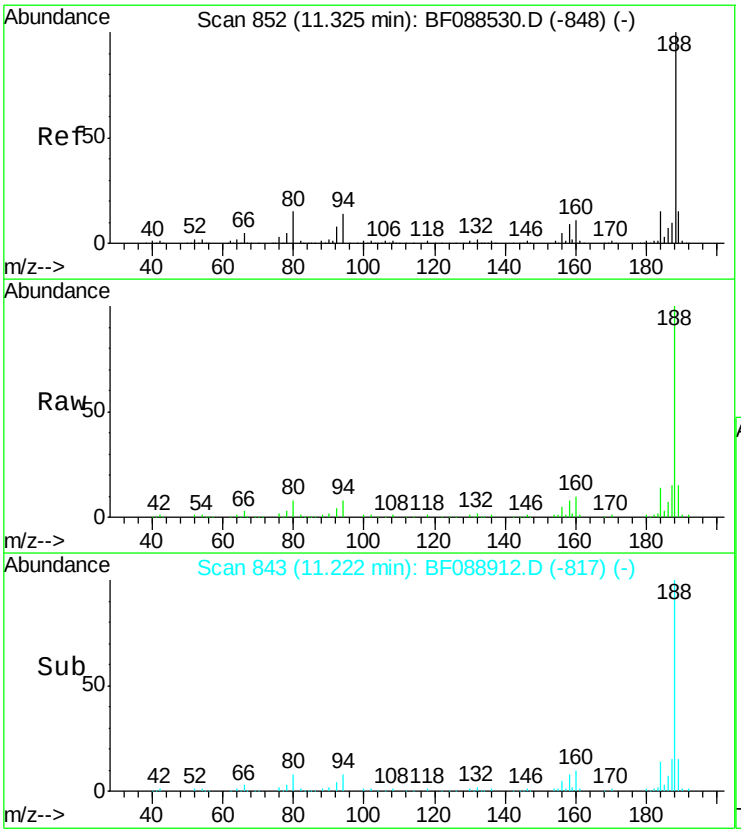
#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:165 Resp: 14179

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

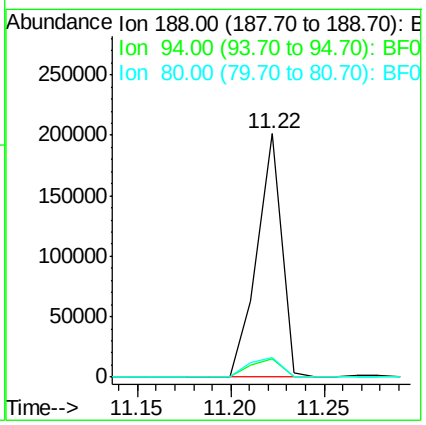


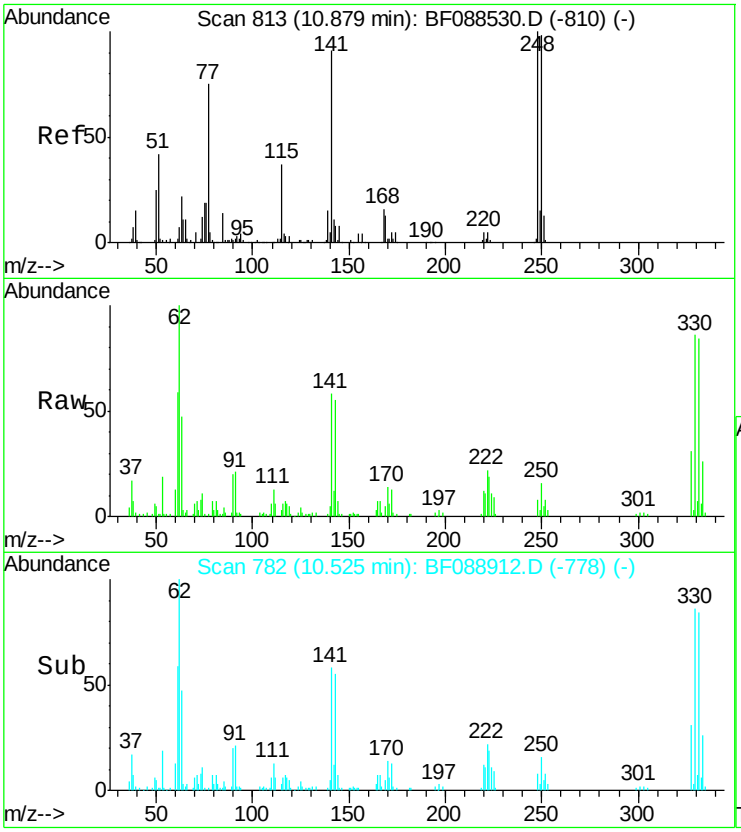


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:188 Resp: 183520

Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.0	13.6#
80	7.8	10.0	15.0#



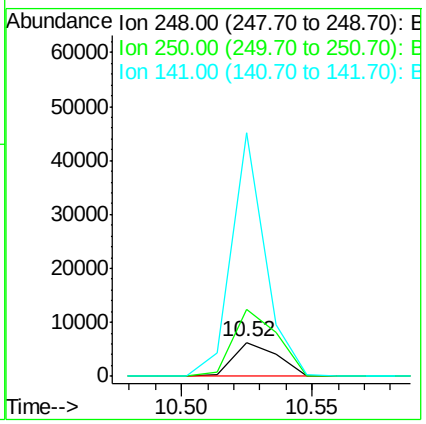


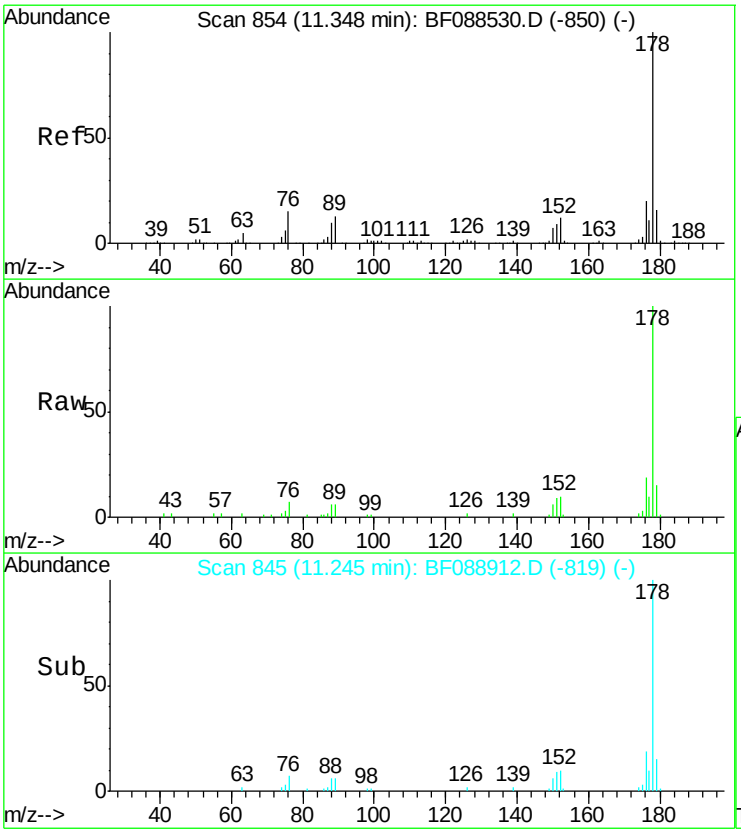
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:248 Resp: 7301

Ion	Ratio	Lower	Upper
248	100		
250	196.9	77.1	115.7#
141	719.4	50.6	76.0#

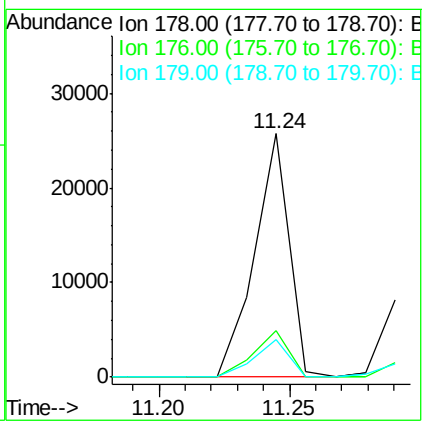


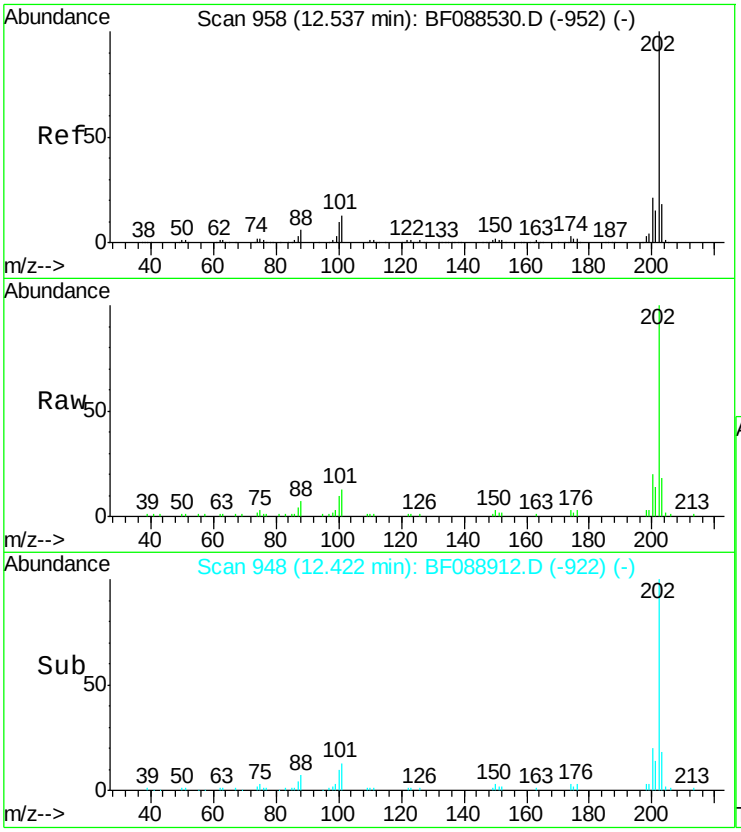


#70
Phenanthrene
Concen: 2.38 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:178 Resp: 23845

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.3	13.0	19.4



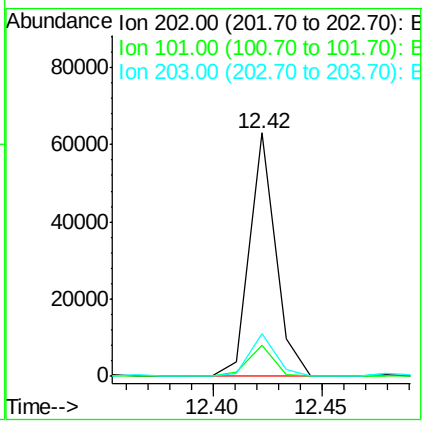


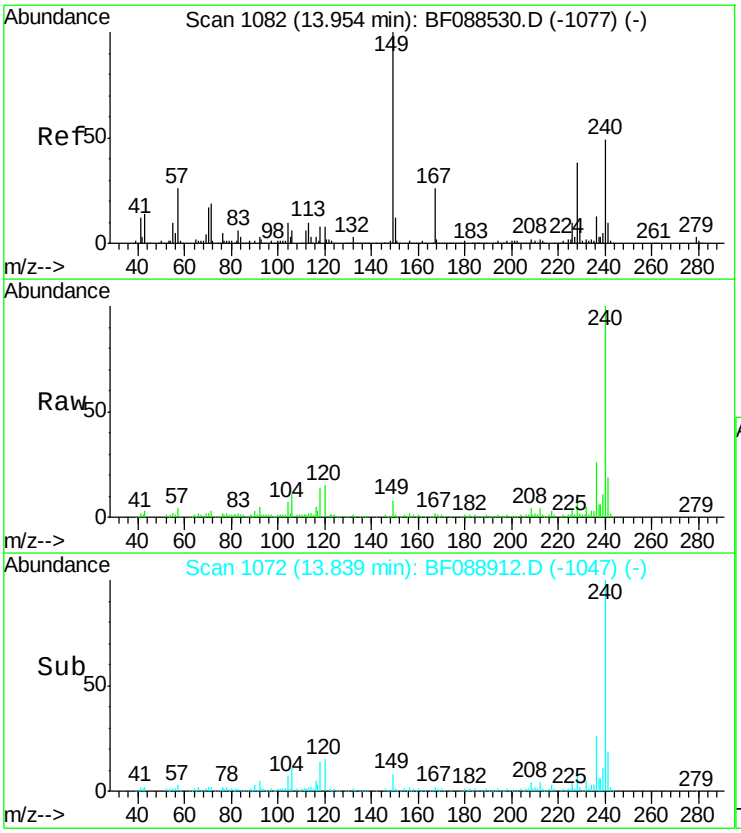
#74
Fluoranthene
Concen: 5.17 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:202 Resp: 52608

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.1
203	17.5	0.0	38.1

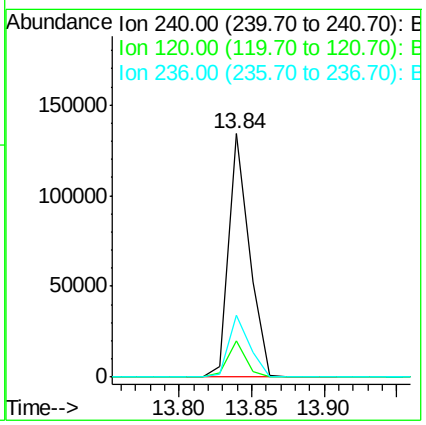


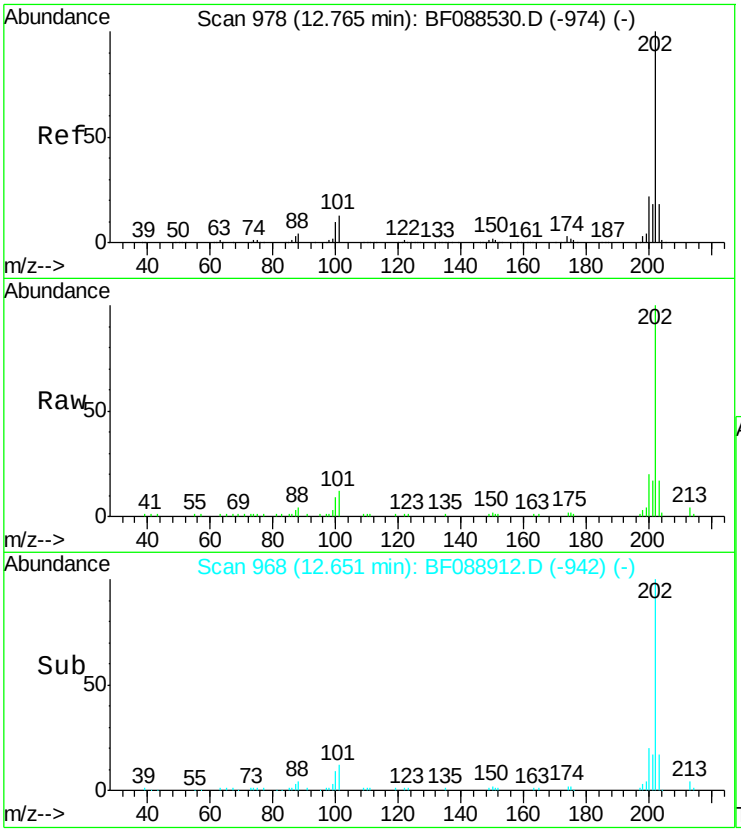


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:240 Resp: 133112

Ion	Ratio	Lower	Upper
240	100		
120	15.1	6.8	10.2#
236	25.5	20.2	30.2



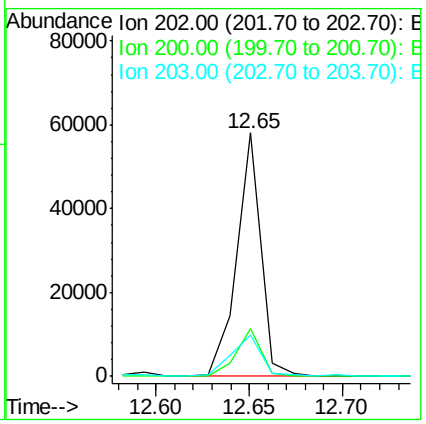


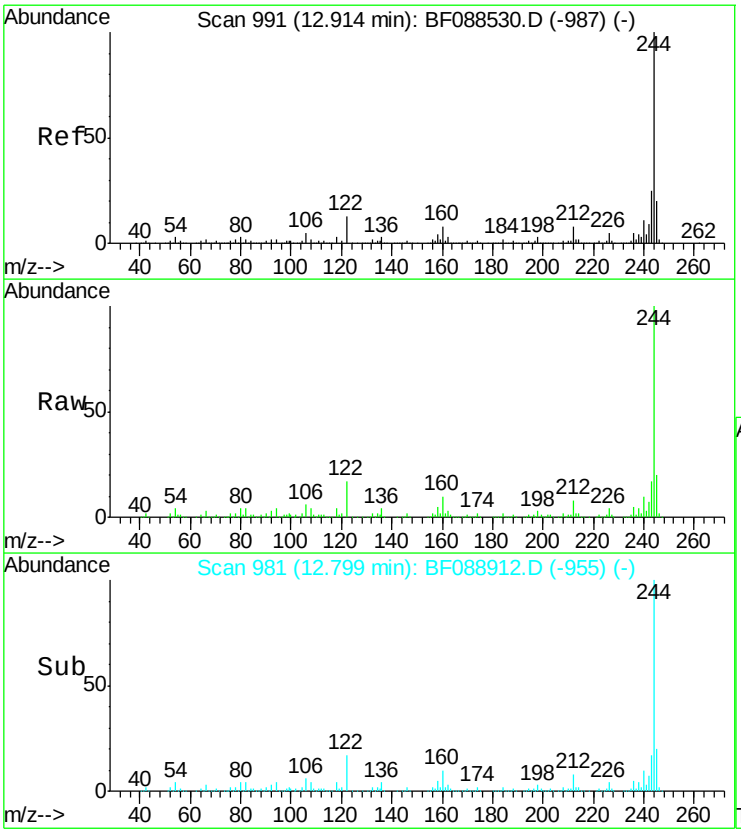
#77
Pyrene
Concen: 4.67 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:202 Resp: 52662

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.3	14.5	21.7

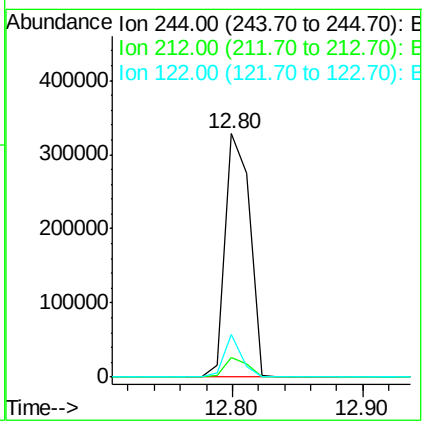


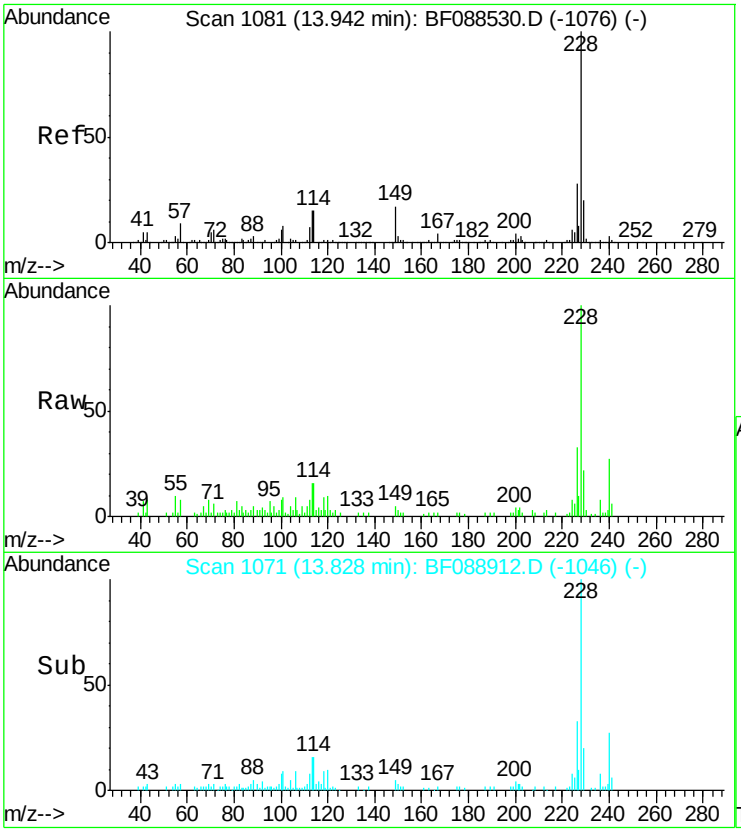


#78
Terphenyl-d14
Concen: 71.48 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:244 Resp: 427183

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	17.3	11.2	16.8#



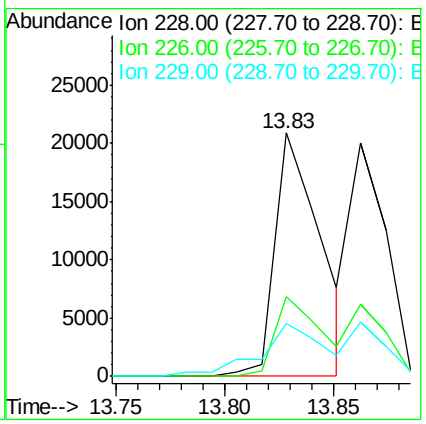


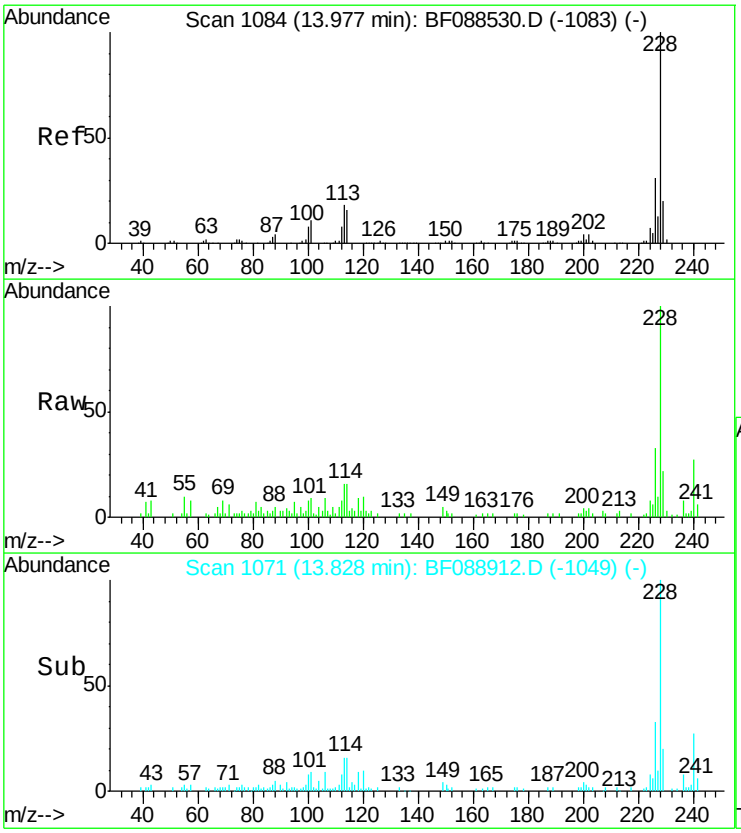
#80
Benzo(a)anthracene
Concen: 3.57 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:228 Resp: 30610

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.3	33.5
229	21.7	16.0	24.0

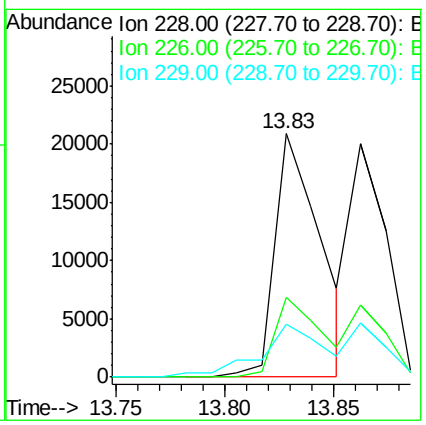


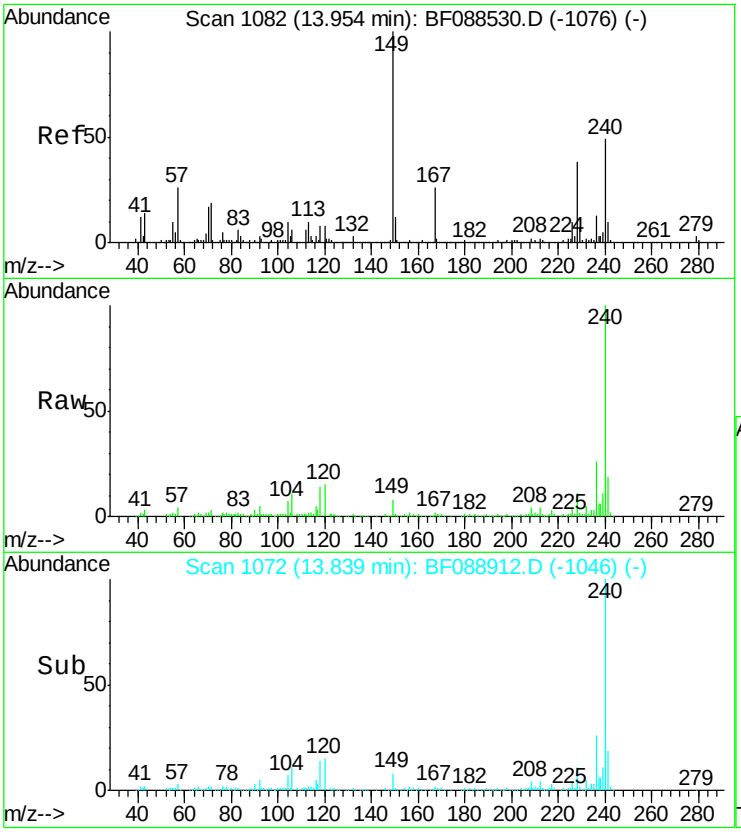


#82
Chrysene
Concen: 3.61 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:228 Resp: 30610

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.2
229	21.7	16.3	24.5



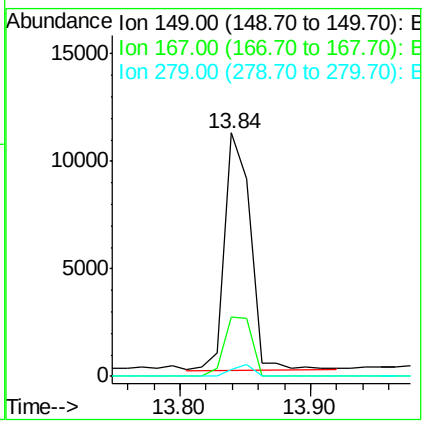


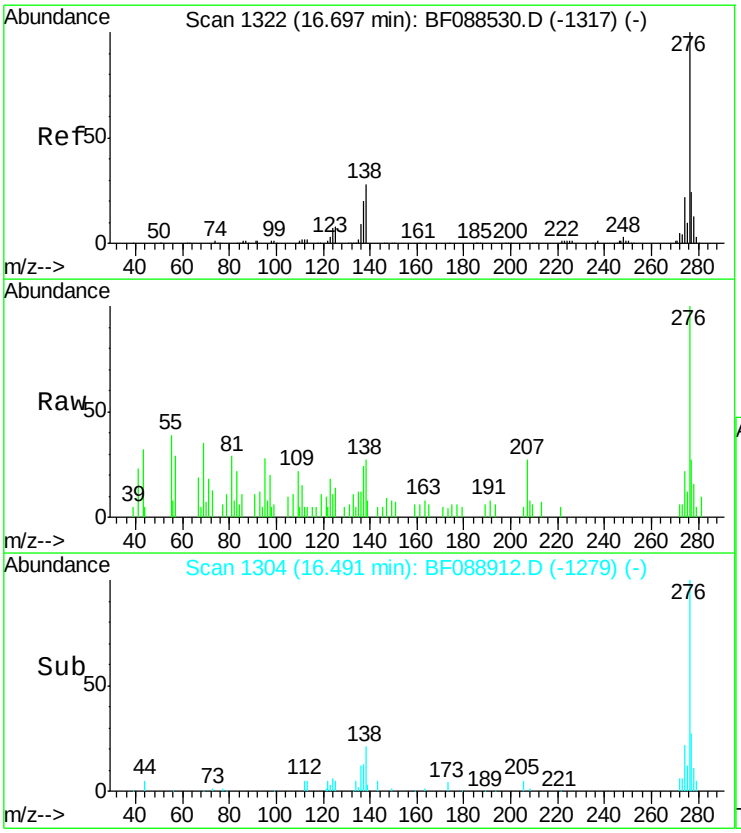
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.64 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:149 Resp: 15174

Ion	Ratio	Lower	Upper
149	100		
167	24.3	20.5	30.7
279	3.0	2.0	3.0#

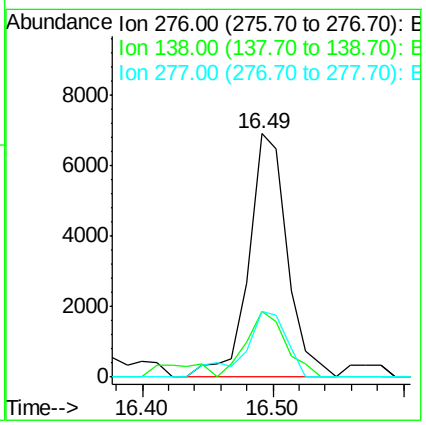


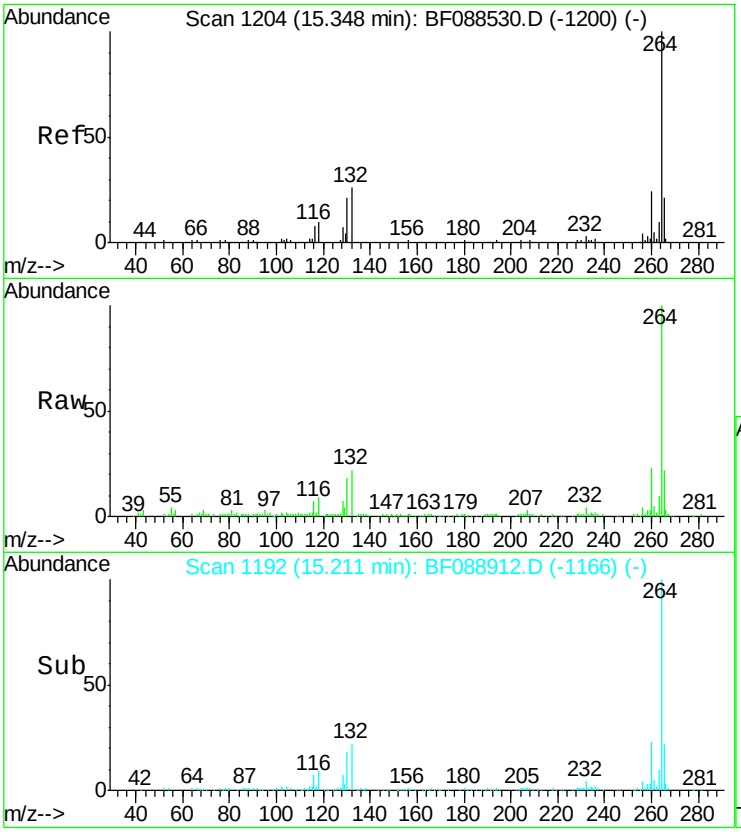


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:276 Resp: 14280

Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	0.0#
277	30.0	0.0	0.0#



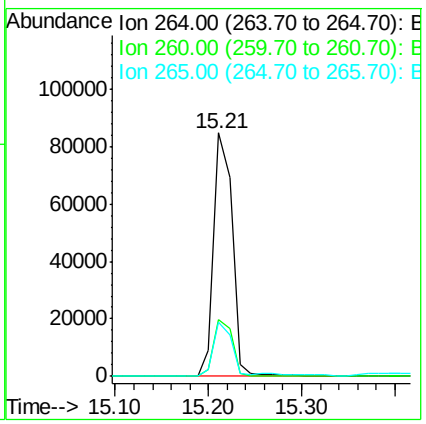


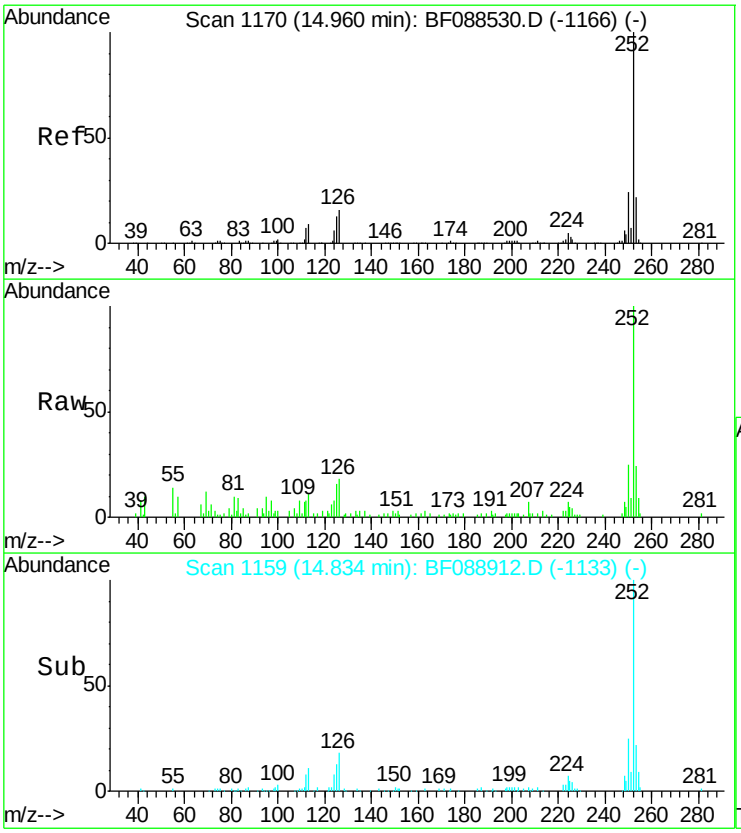
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:264 Resp: 117242

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3

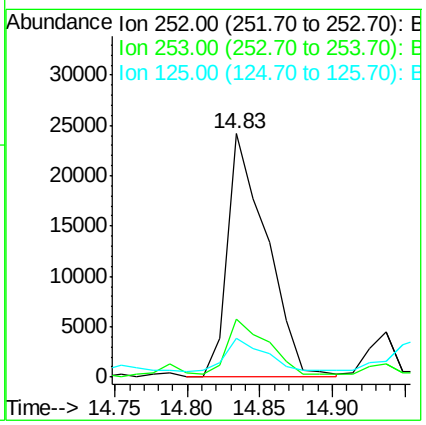


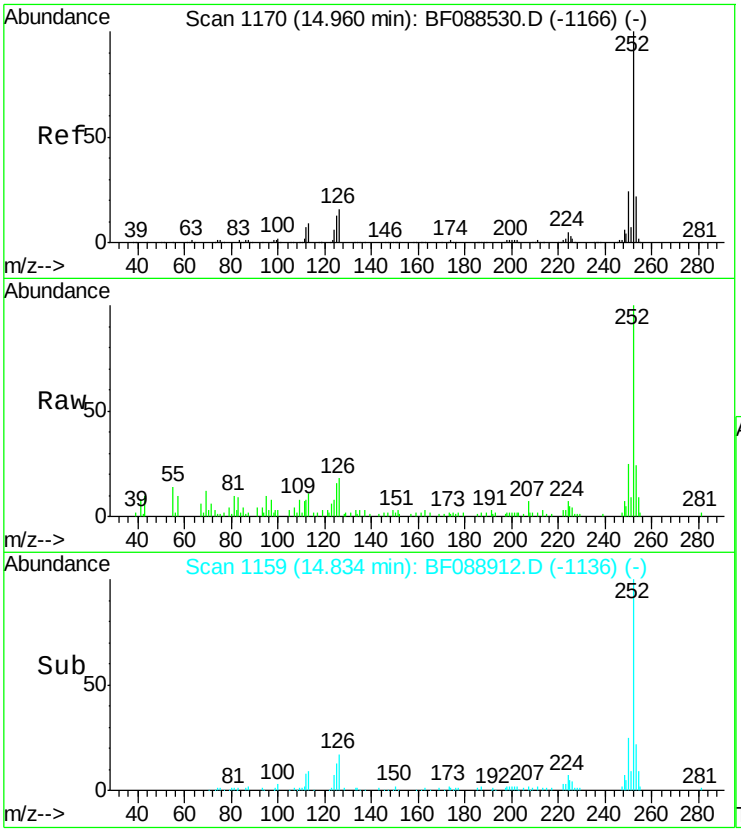


#87
Benzo(b)fluoranthene
Concen: 6.18 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:252 Resp: 45462

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	16.0	7.1	10.7#



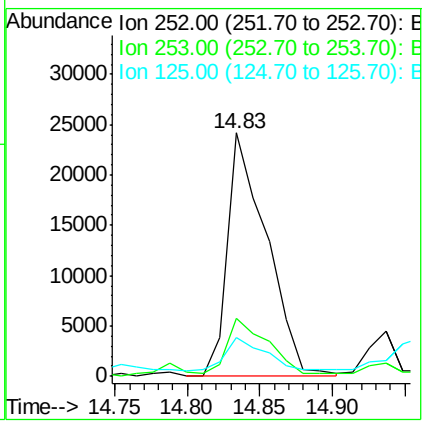


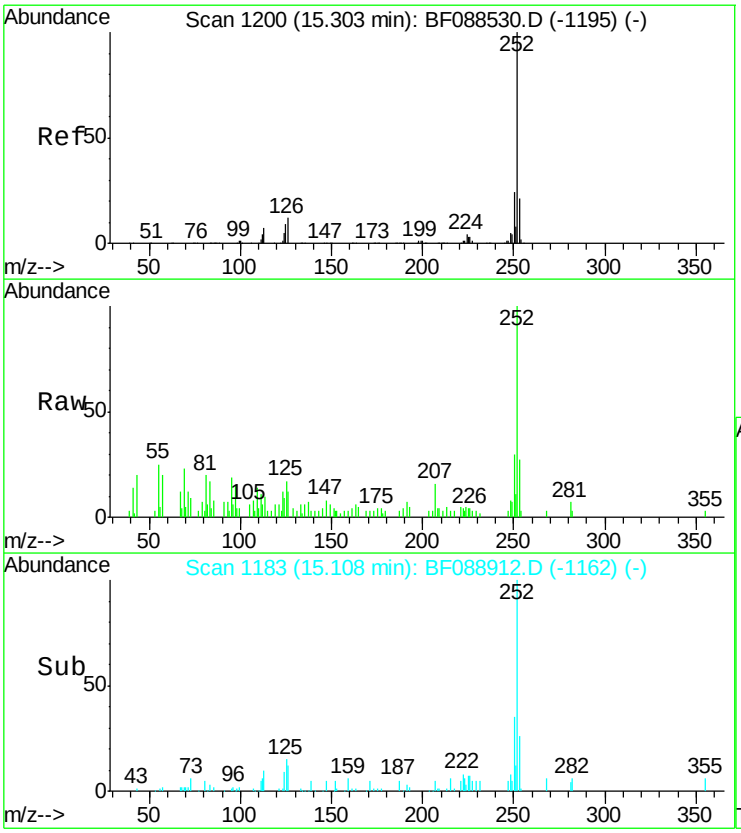
#88
Benzo(k)fluoranthene
Concen: 7.10 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:252 Resp: 45462

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	16.0	11.2	16.8

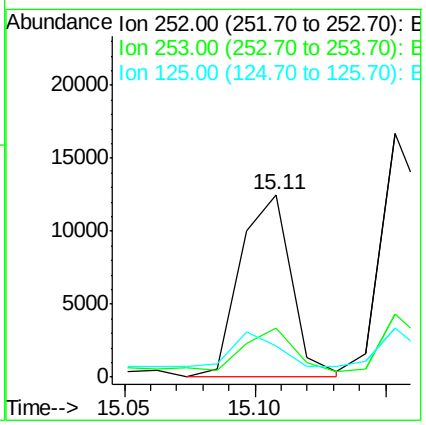


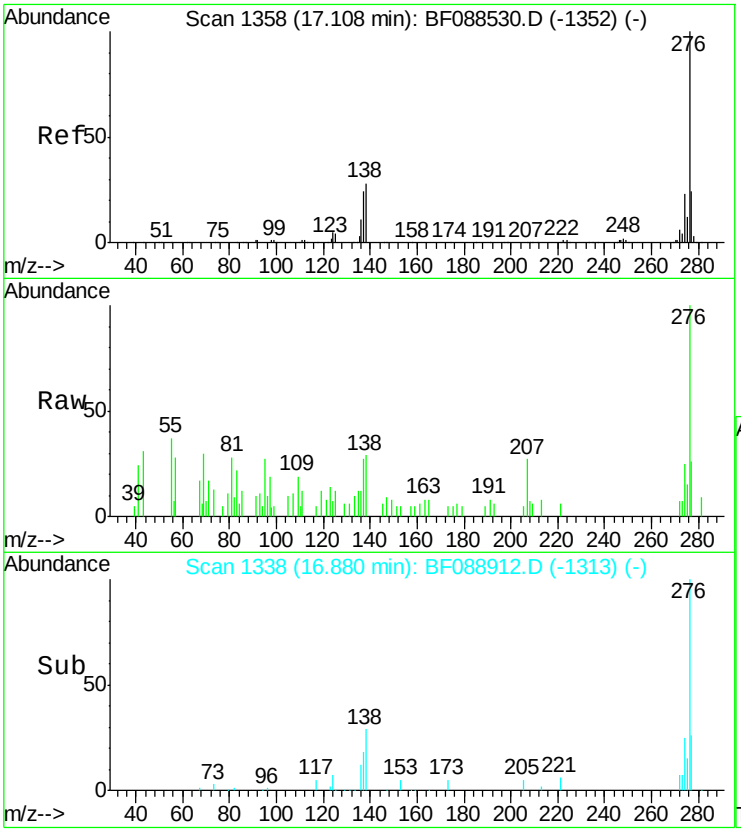


#89
Benzo(a)pyrene
Concen: 2.73 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Tgt Ion:252 Resp: 17016

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	17.0	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088912.D
Acq: 11 Jul 2016 21:22

Instrument :
BNA_F
ClientSampleId :
N8-B1(0-5)C

Tgt Ion:276 Resp: 12809

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.9	28.3
138	28.8	21.4	32.2