Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088916.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3921-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 07-B2(0-5)C

Quant Time: Jul 12 02:08:46 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	61260	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	246321	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	97398	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	161163	20.00	ng	0.00
75) Chrysene-d12	13.84	240	137022	20.00	ng	-0.01
86) Perylene-d12	15.21	264	114187	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	337514	82.57	ng	0.01
7) Phenol-d6	6.35	99	412996	78.20	ng	0.00
23) Nitrobenzene-d5	7.28	82	300161	63.86	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	75553	83.54	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	452176	73.33	ng	0.00
78) Terphenyl-d14	12.80	244	344282	55.96	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	39265	11.07	ng	# 67
49) Dimethylphthalate	9.47	163	60026	8.65	ng	98
56) 2,4-Dinitrotoluene	9.75	165	12479	6.21	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	5177	3.19	ng	# 1
70) Phenanthrene	11.24	178	19241	2.18	ng	98
74) Fluoranthene	12.42	202	49760	5.57	ng	99
77) Pyrene	12.65	202	45556	3.92	ng	97
80) Benzo(a)anthracene	13.83	228	27816	3.15	ng	93
82) Chrysene	13.83	228	27816	3.19	ng	98
85) Indeno(1,2,3-cd)pyrene	16.50	276	13866	2.06	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	42360	5.91	ng	# 91
88) Benzo(k)fluoranthene	14.83	252	42360	6.79	ng	96
89) Benzo(a)pyrene	15.11	252	17271	2.85	ng	96
91) Benzo(g,h,i)perylene	16.89	276	14373	2.74	ng	93

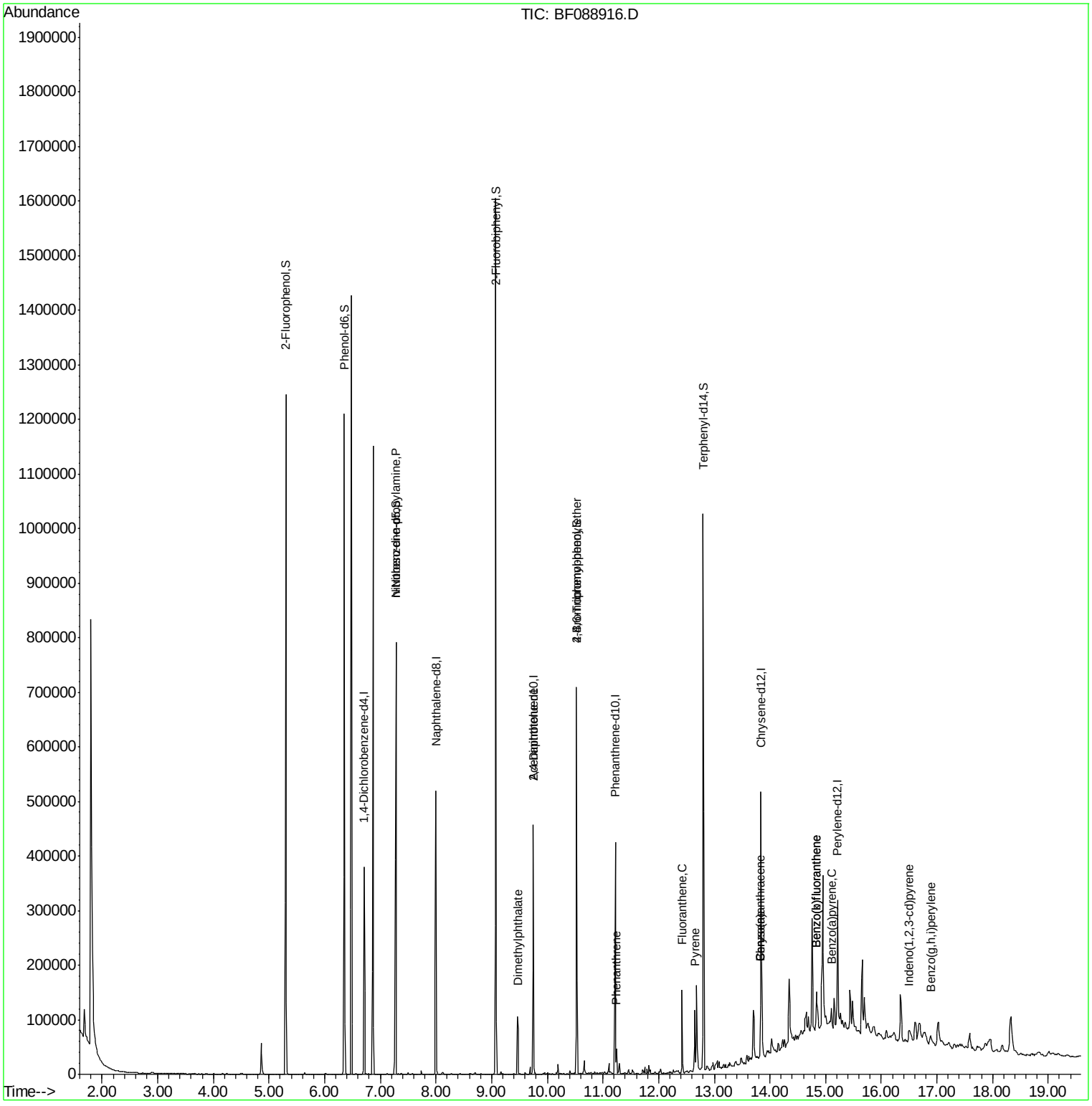
(#) = qualifier out of range (m) = manual integration (+) = signals summed

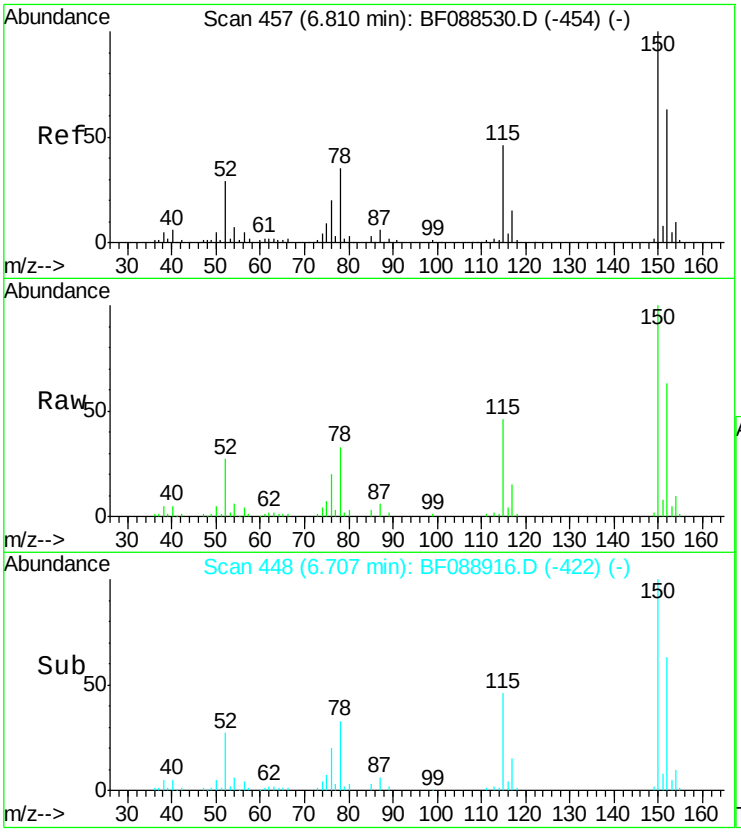
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088916.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3921-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Quant Time: Jul 12 02:08:46 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



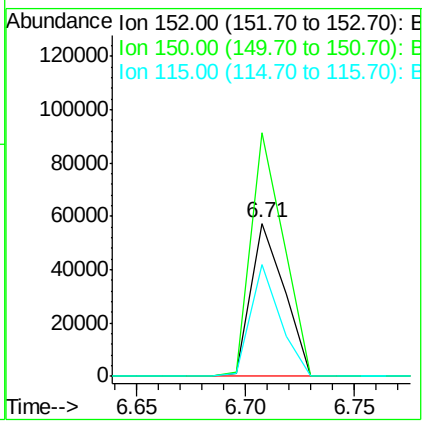


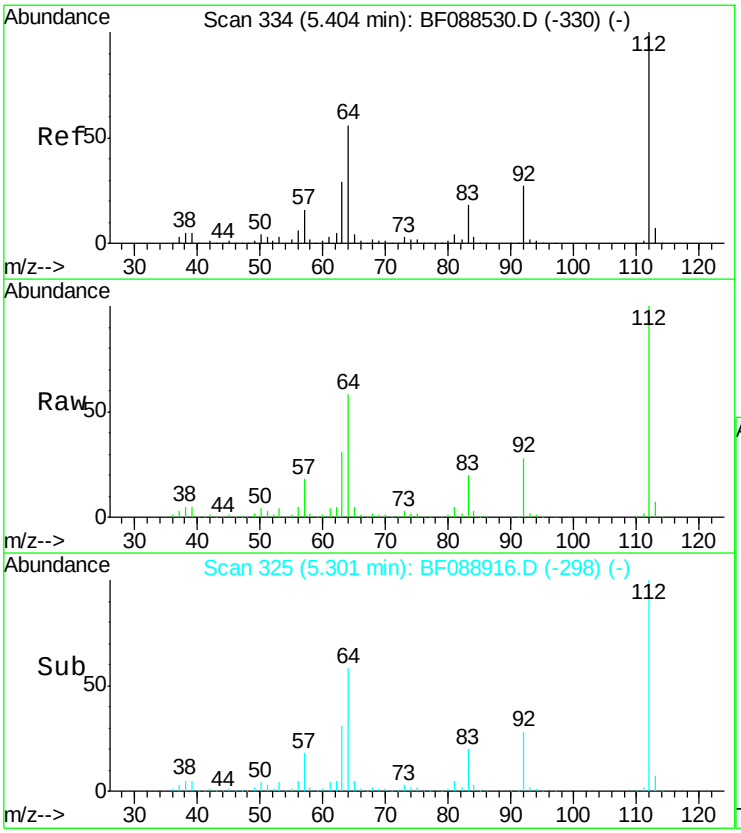
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:152 Resp: 61260

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	73.2	39.6	59.4#

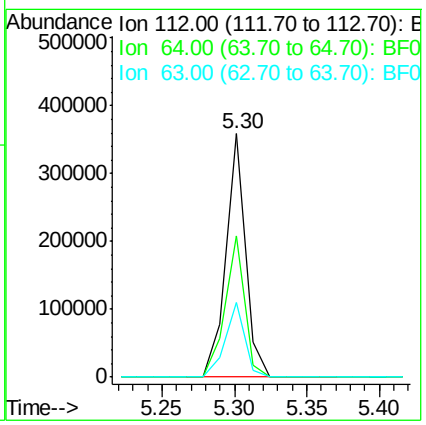


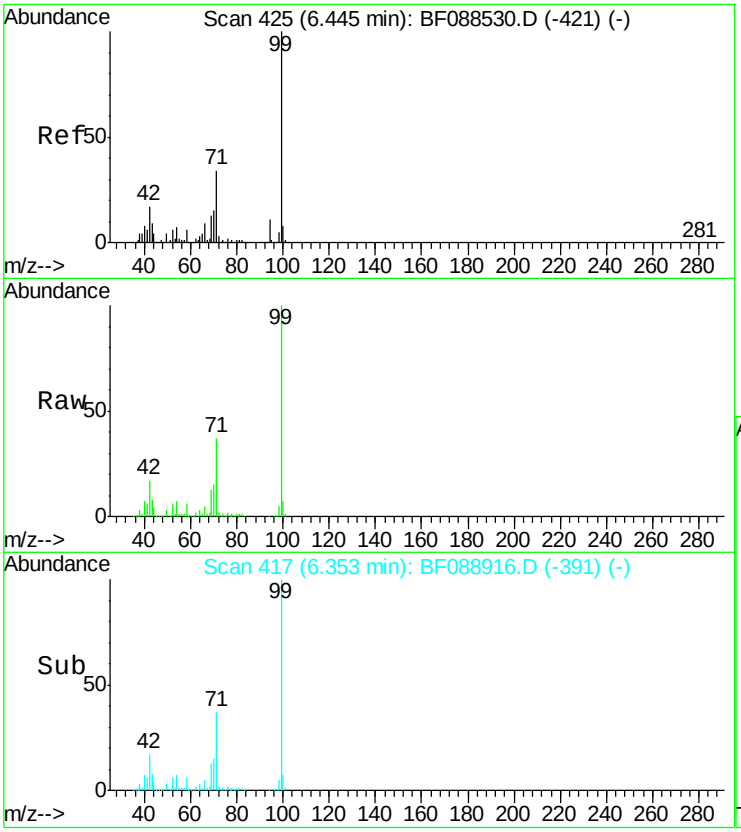


#5
2-Fluorophenol
Concen: 82.57 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:112 Resp: 337514

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	30.8	21.8	32.8



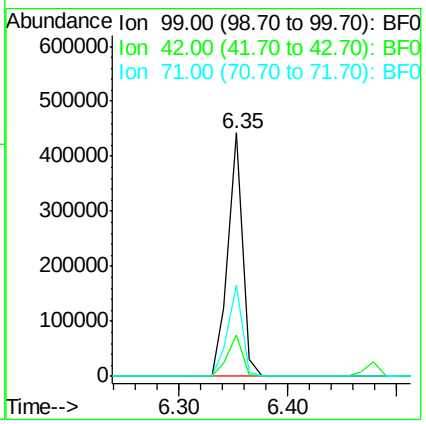


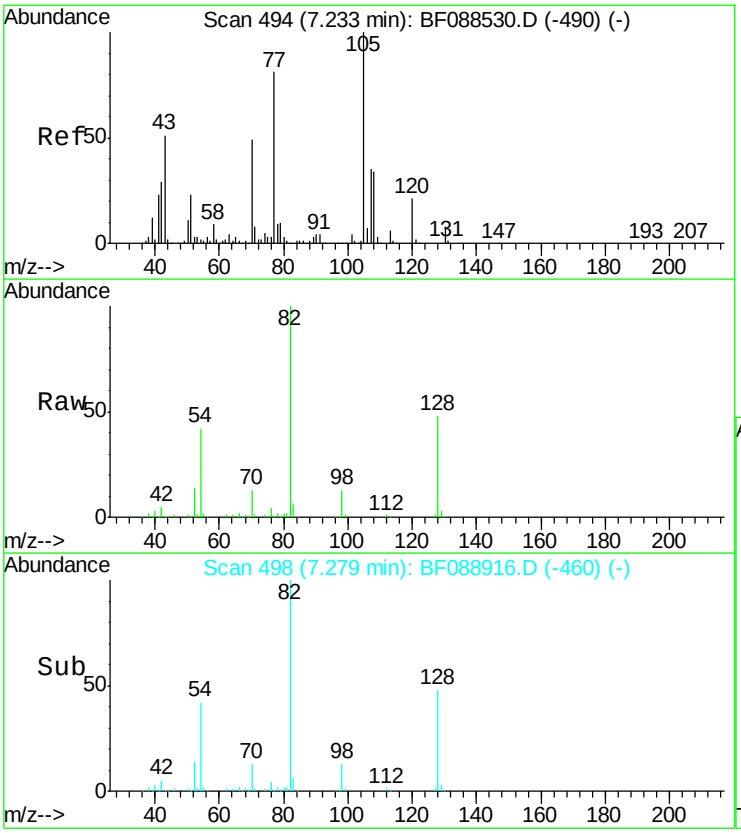
#7
Phenol-d6
Concen: 78.20 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion: 99 Resp: 412996

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.2	18.2
71	37.4	23.4	35.0#

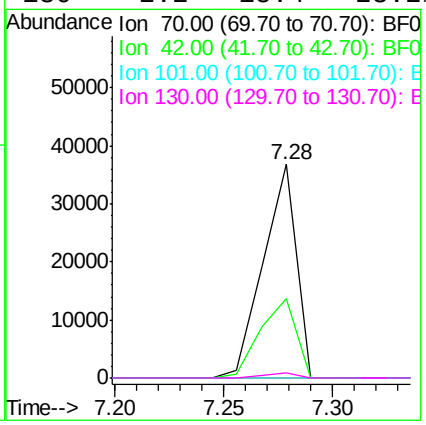


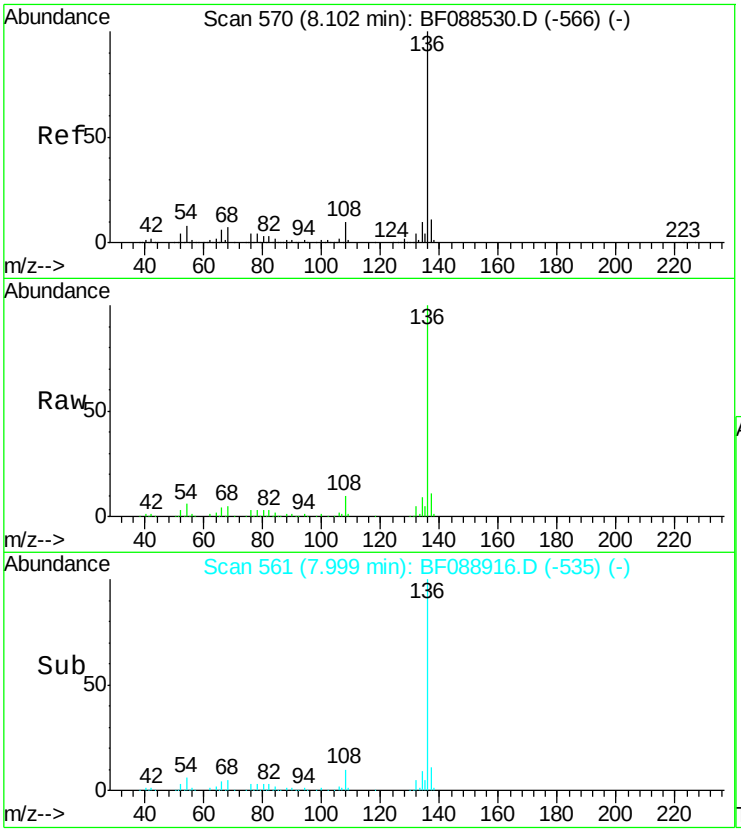


#19
n-Nitroso-di-n-propylamine
Concen: 11.07 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion: 70 Resp: 39265

Ion	Ratio	Lower	Upper
70	100		
42	37.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



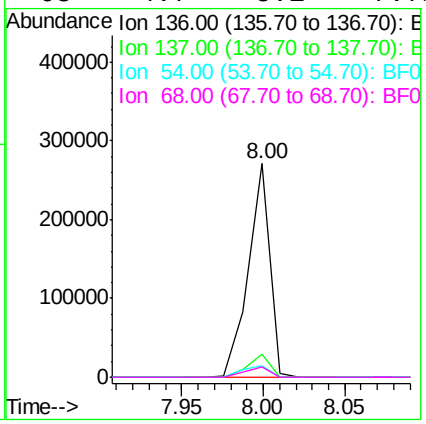


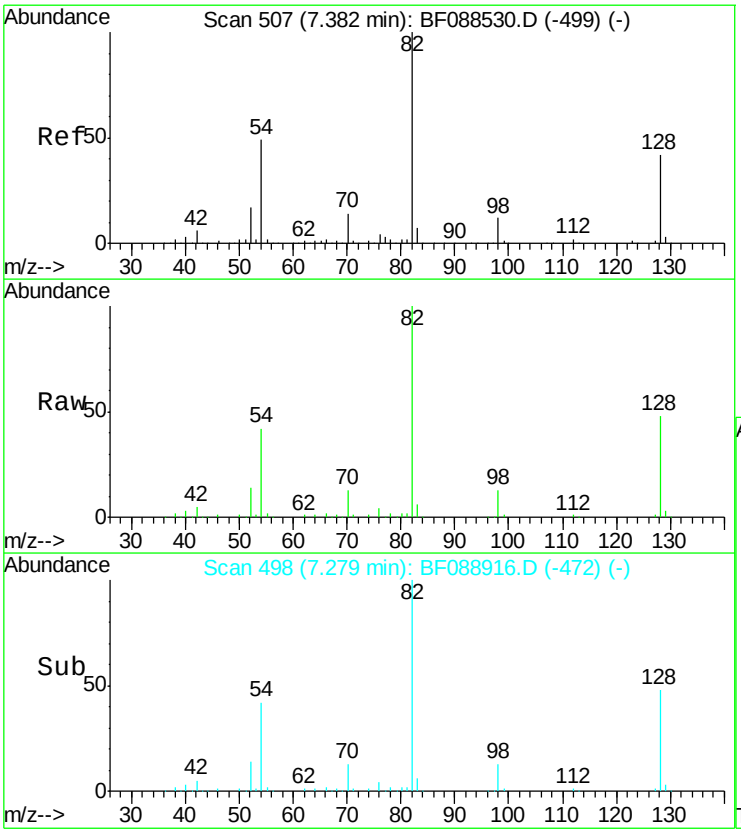
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:136 Resp: 246321

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

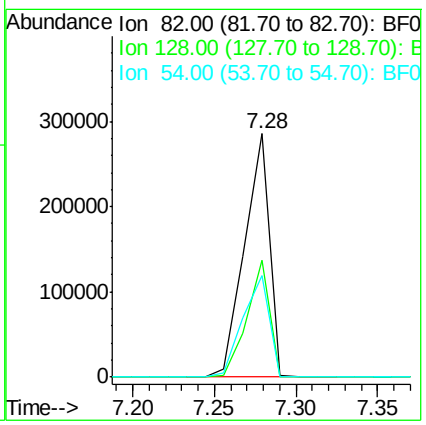


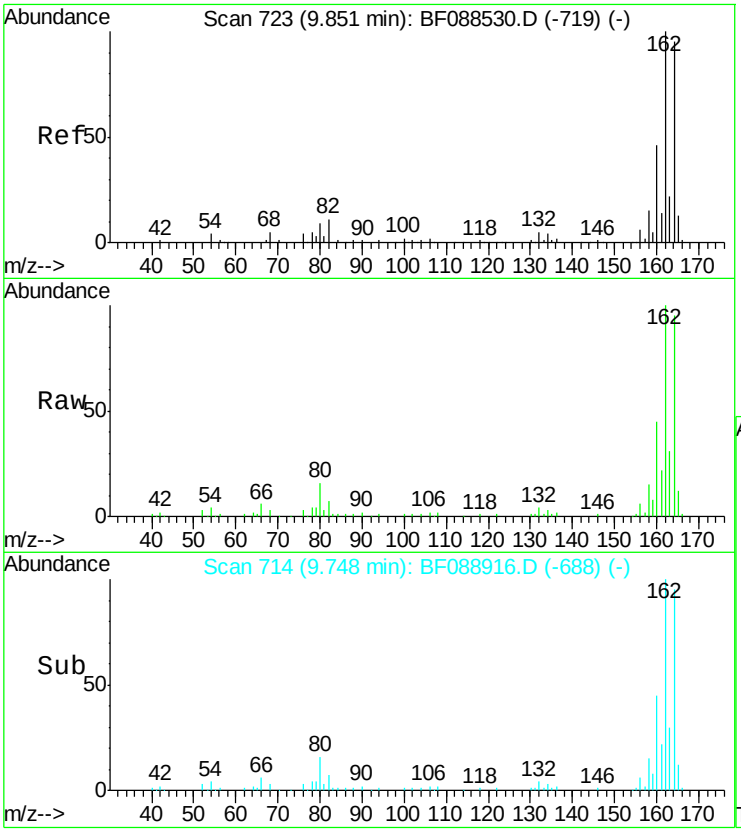


#23
Nitrobenzene-d5
Concen: 63.86 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion: 82 Resp: 300161

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.9	53.9
54	41.5	40.9	61.3



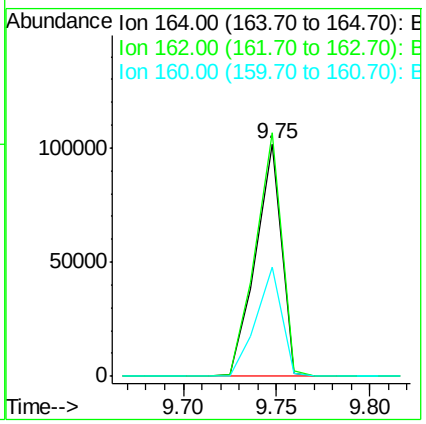


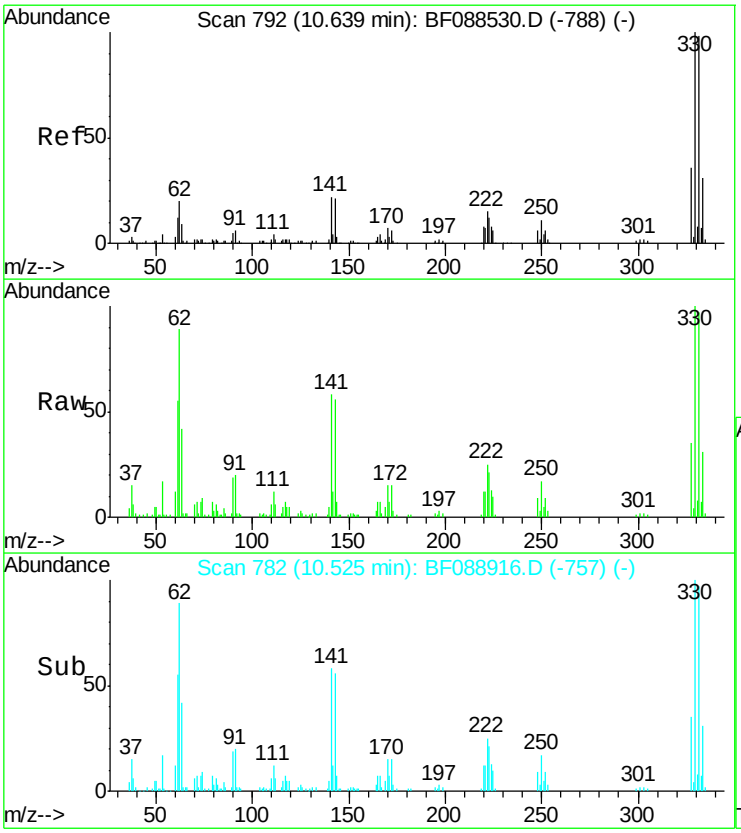
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:164 Resp: 97398

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.3	39.5	59.3

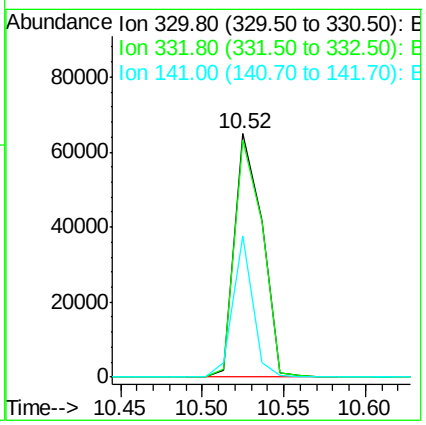


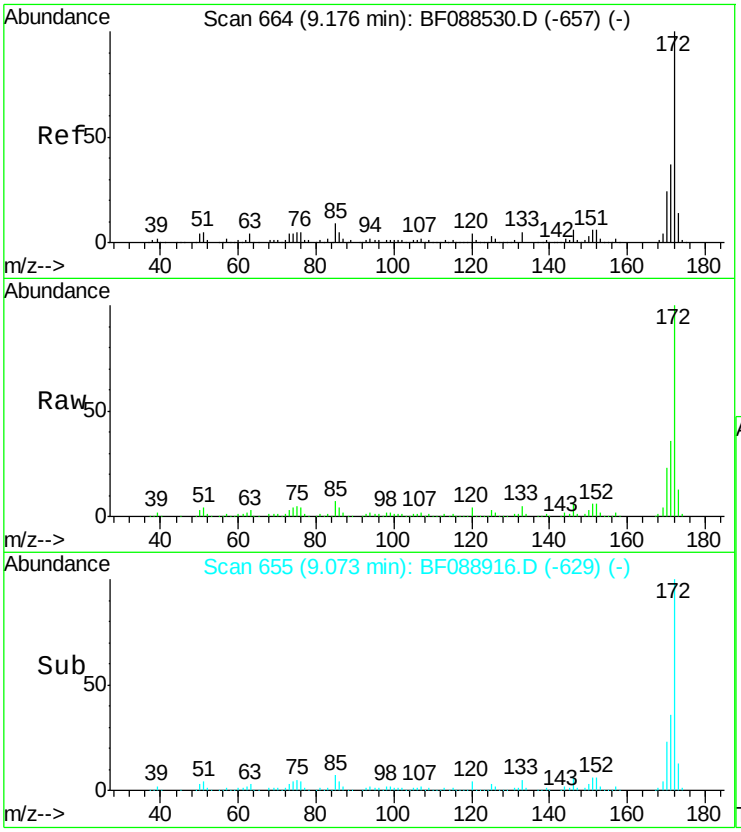


#41
2,4,6-Tribromophenol
Concen: 83.54 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:330 Resp: 75553

Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	41.5	0.0	0.0#



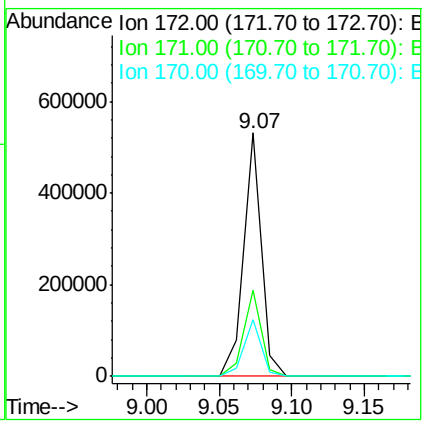


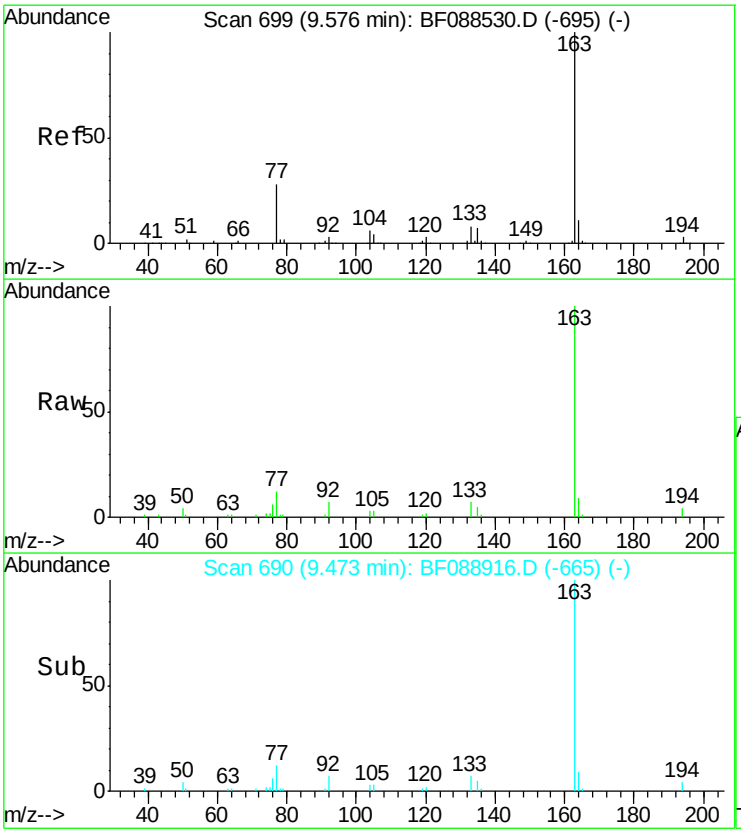
#44
2-Fluorobiphenyl
Concen: 73.33 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:172 Resp: 452176

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.3	19.2	28.8

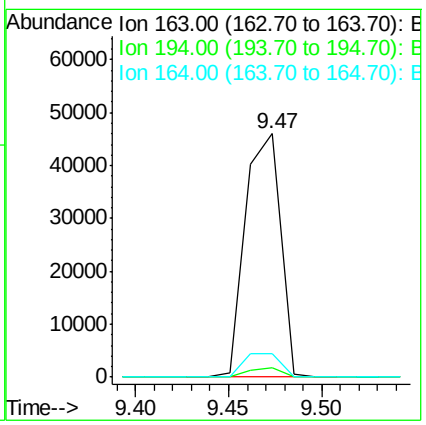


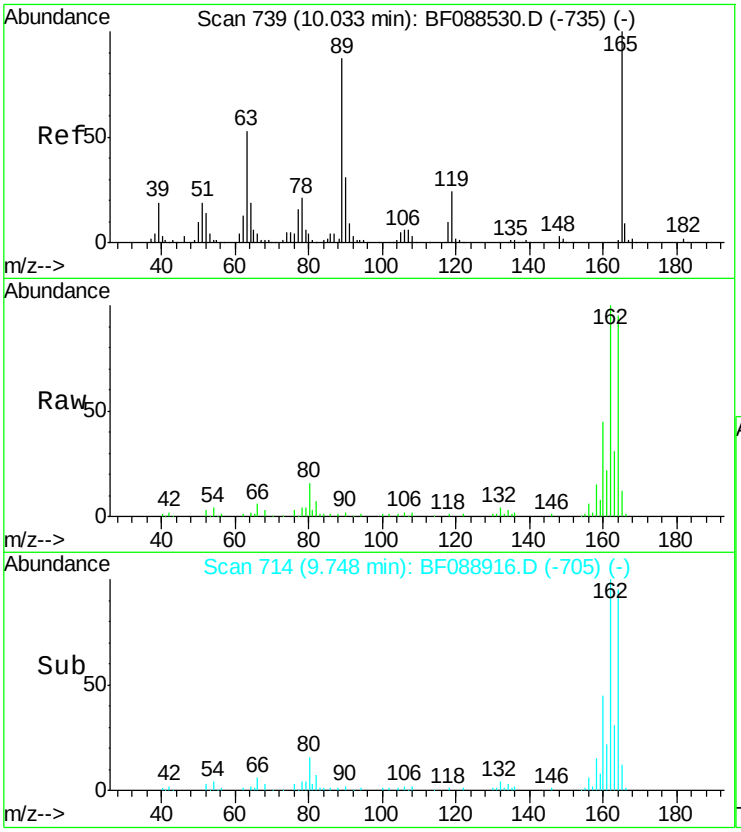


#49
Dimethylphthalate
Concen: 8.65 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:163 Resp: 60026

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.4	8.3	12.5



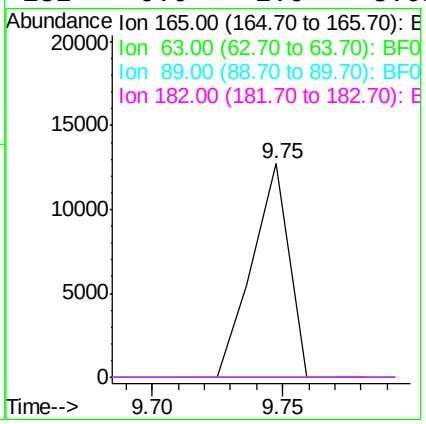


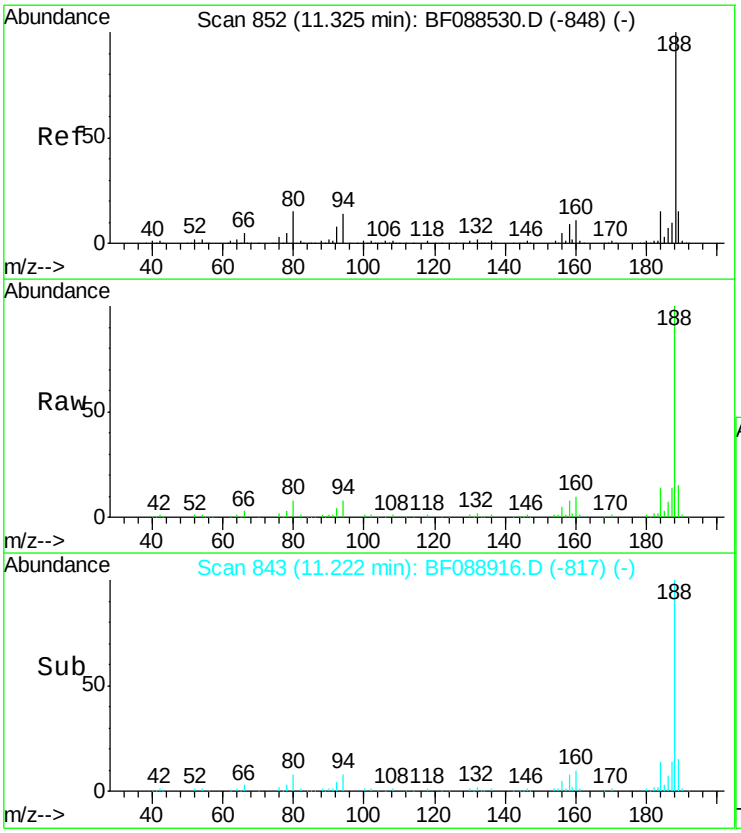
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:165 Resp: 12479

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#

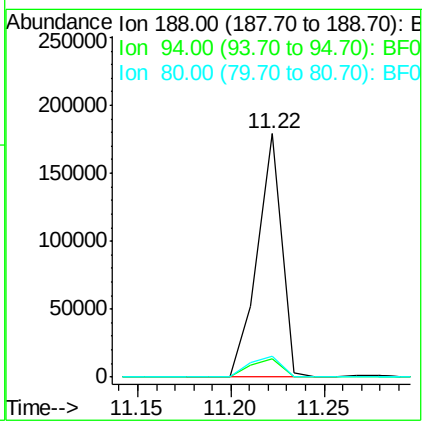


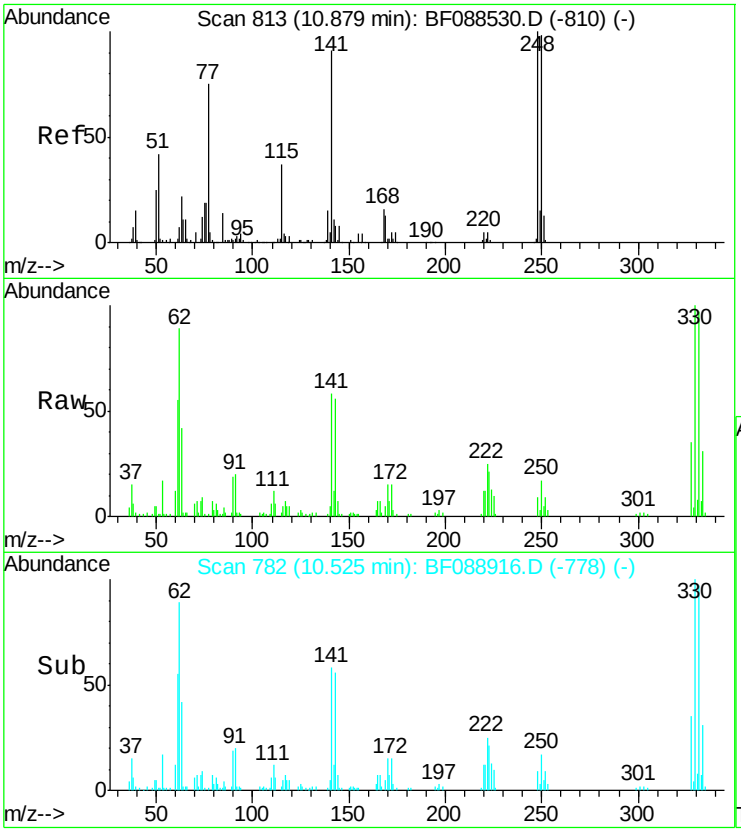


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:188 Resp: 161163

Ion	Ratio	Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	8.4	10.0	15.0#



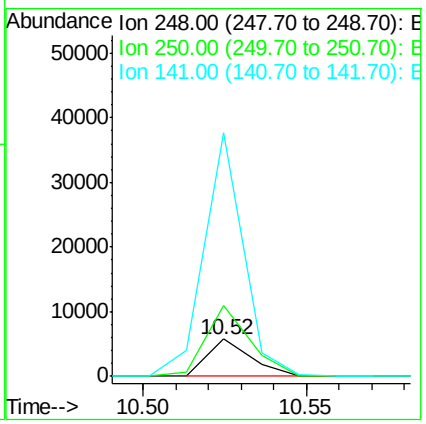


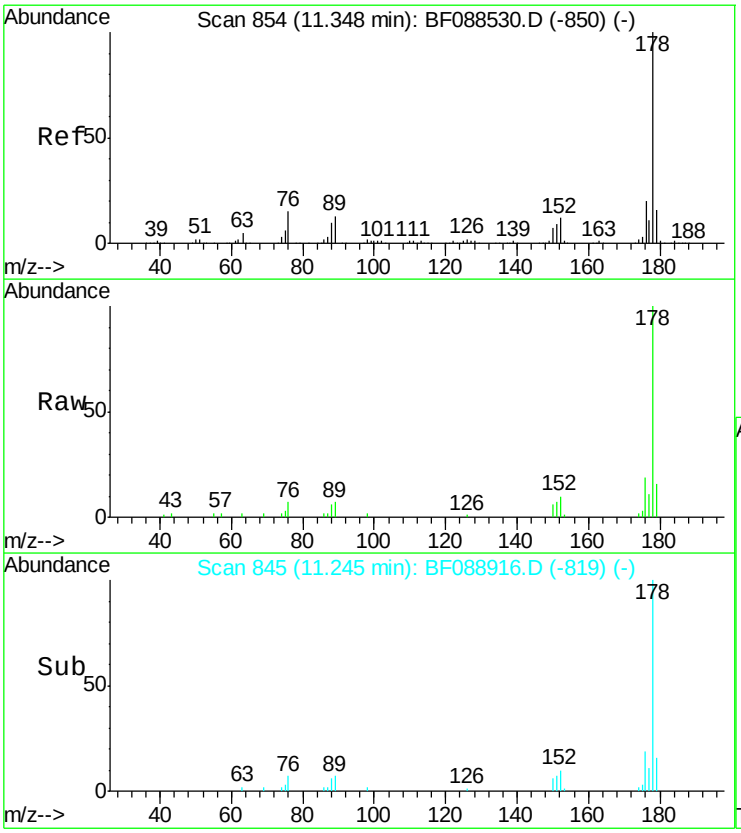
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:248 Resp: 5177

Ion	Ratio	Lower	Upper
248	100		
250	191.7	77.1	115.7#
141	654.9	50.6	76.0#

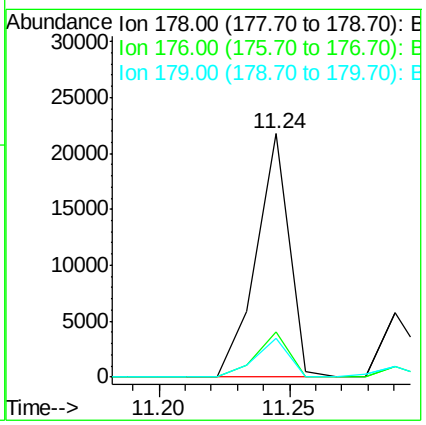


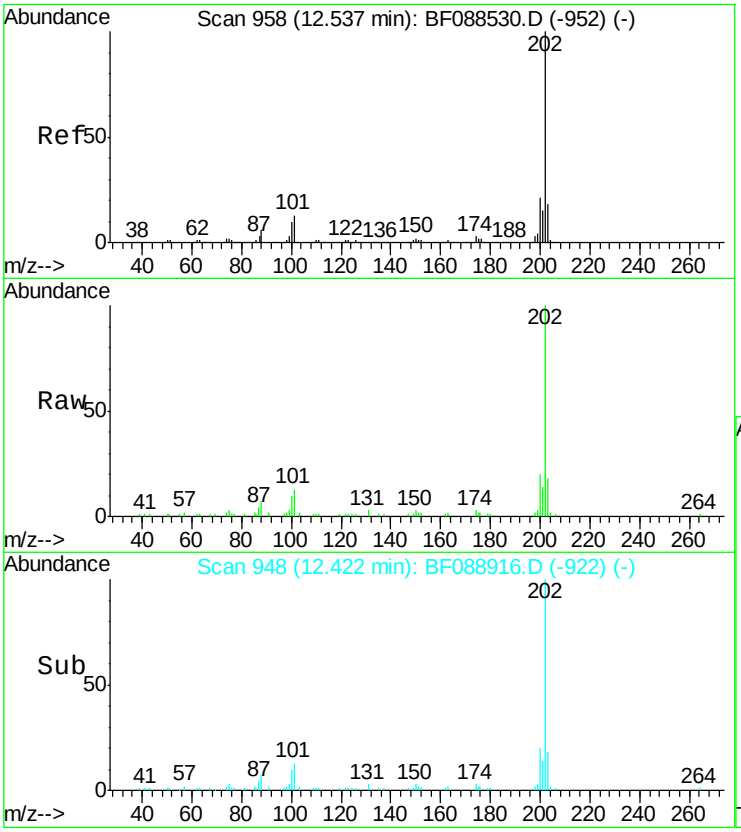


#70
Phenanthrene
Concen: 2.18 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:178 Resp: 19241

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	13.0	19.4



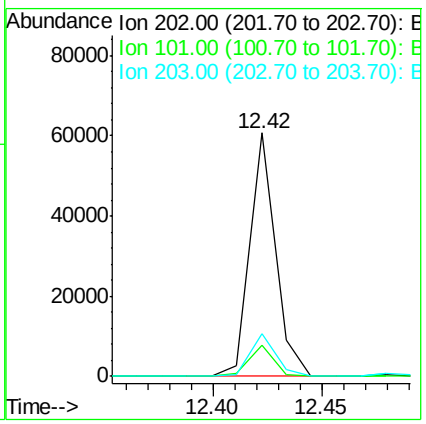


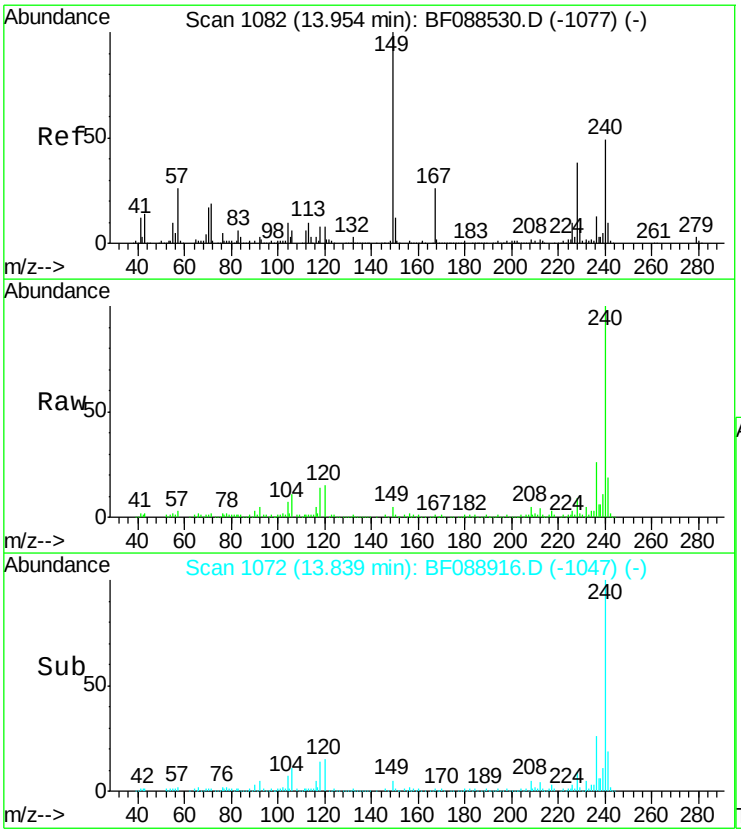
#74
Fluoranthene
Concen: 5.57 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:202 Resp: 49760

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.1
203	17.5	0.0	38.1

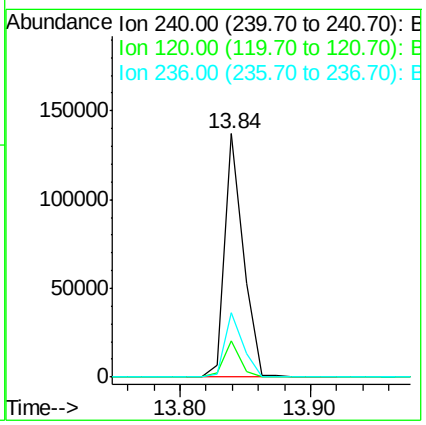


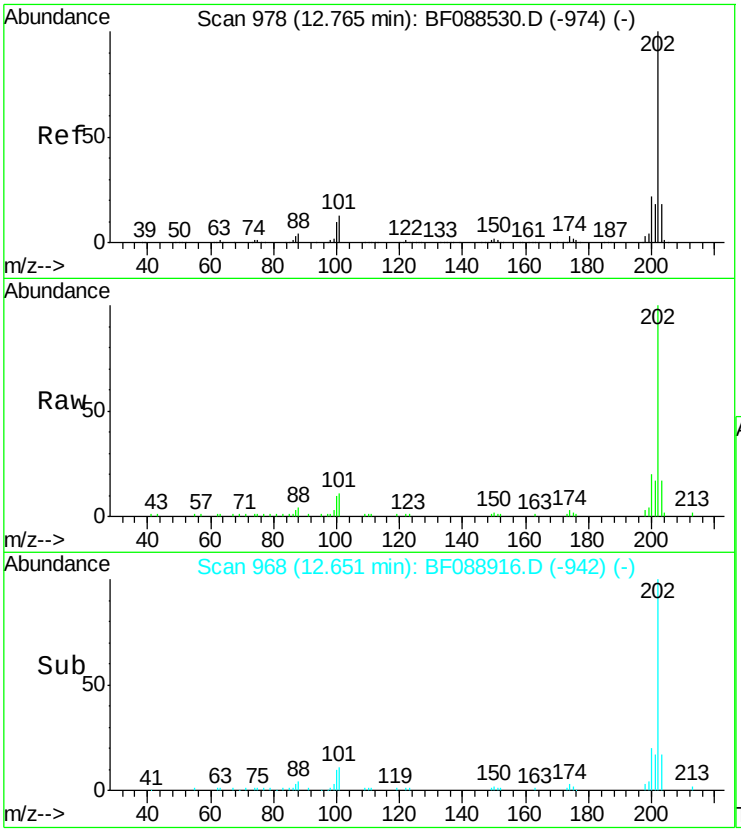


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:240 Resp: 137022

Ion	Ratio	Lower	Upper
240	100		
120	15.0	6.8	10.2#
236	26.4	20.2	30.2



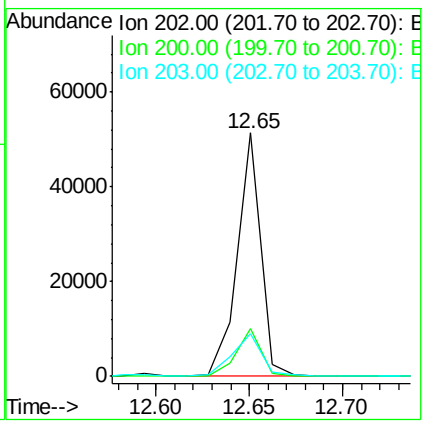


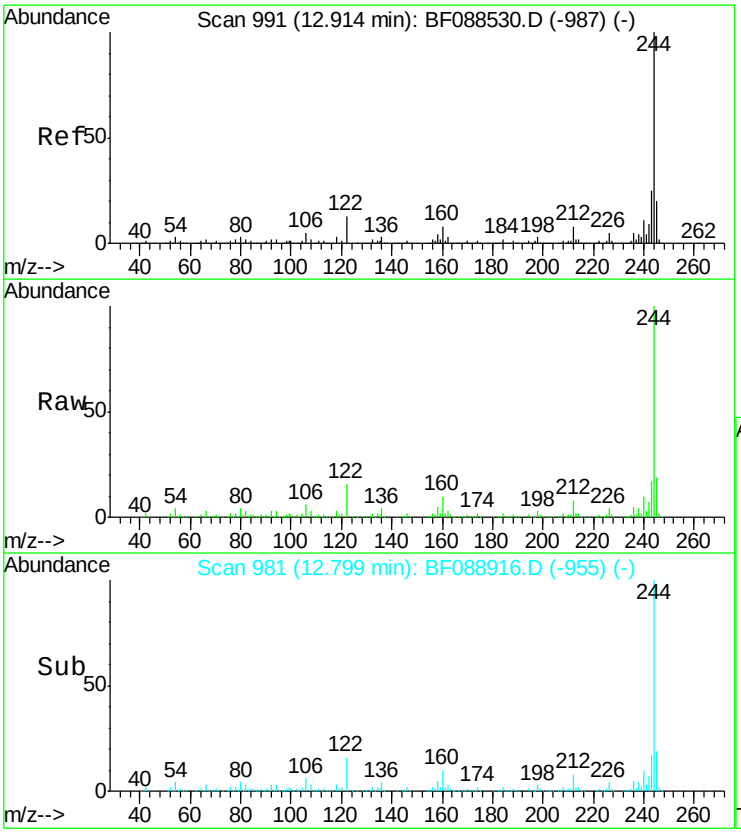
#77
Pyrene
Concen: 3.92 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:202 Resp: 45556

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.4	14.5	21.7

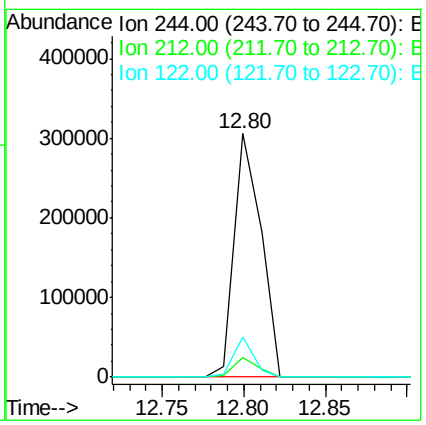


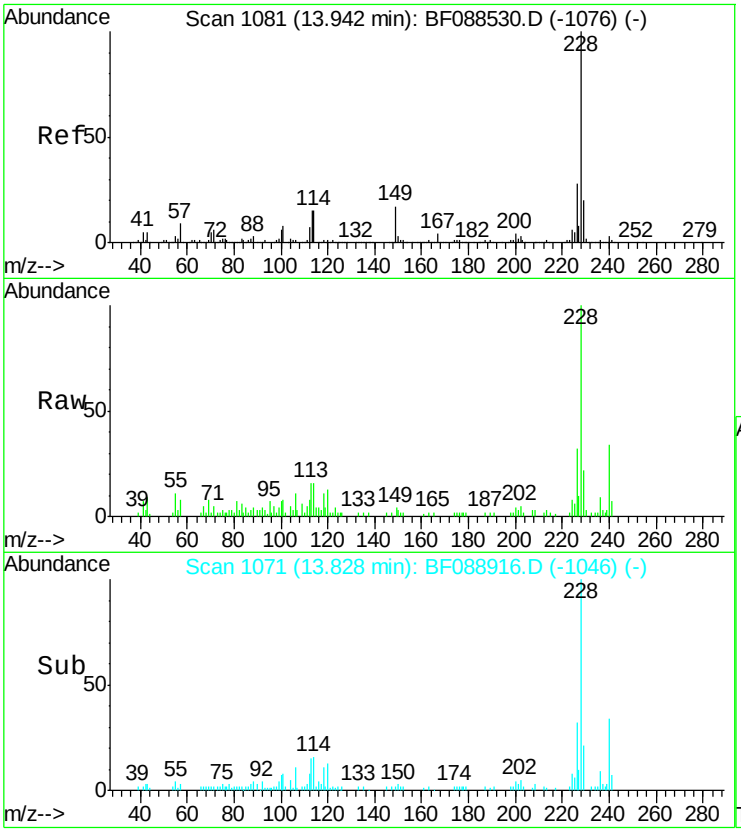


#78
Terphenyl-d14
Concen: 55.96 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:244 Resp: 344282

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	16.4	11.2	16.8



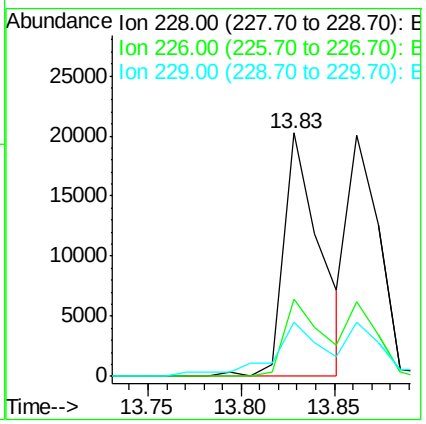


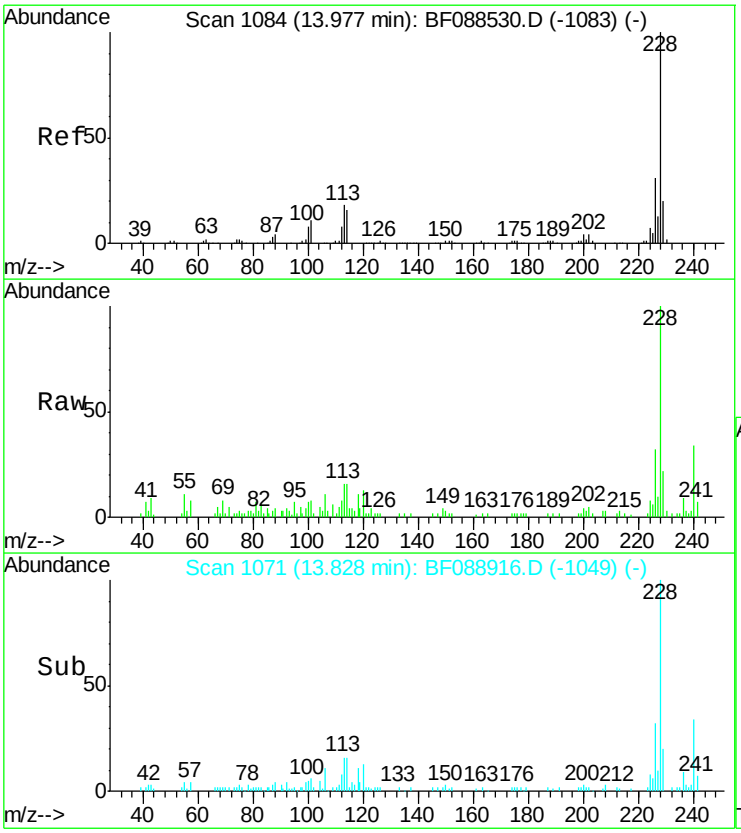
#80
Benzo(a)anthracene
Concen: 3.15 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:228 Resp: 27816

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.3	33.5
229	22.5	16.0	24.0

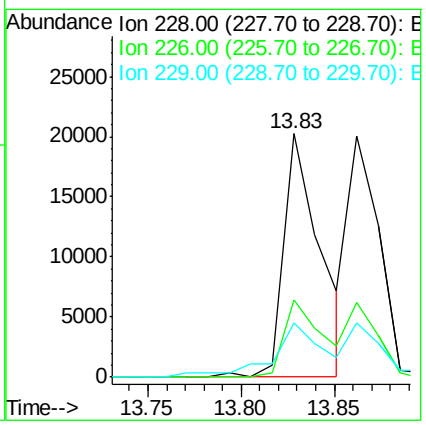


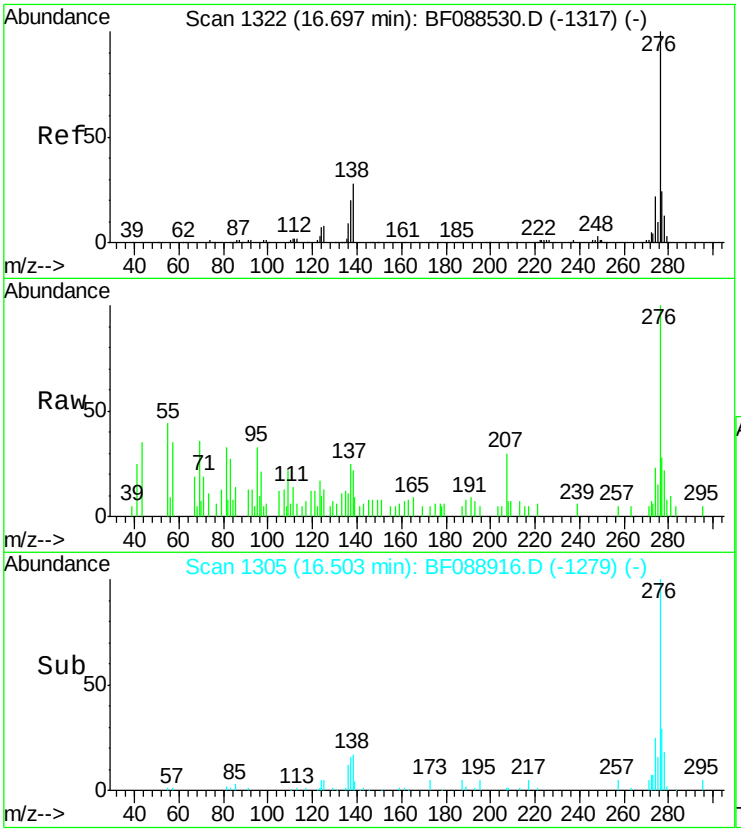


#82
Chrysene
Concen: 3.19 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:228 Resp: 27816

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.2
229	22.5	16.3	24.5



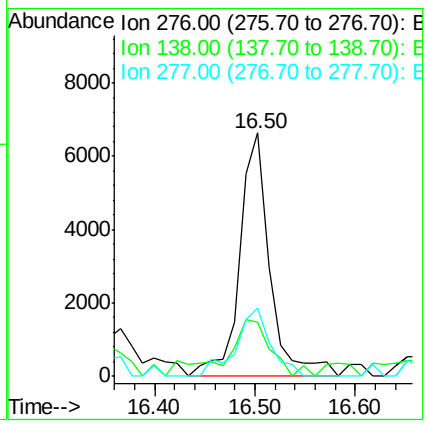


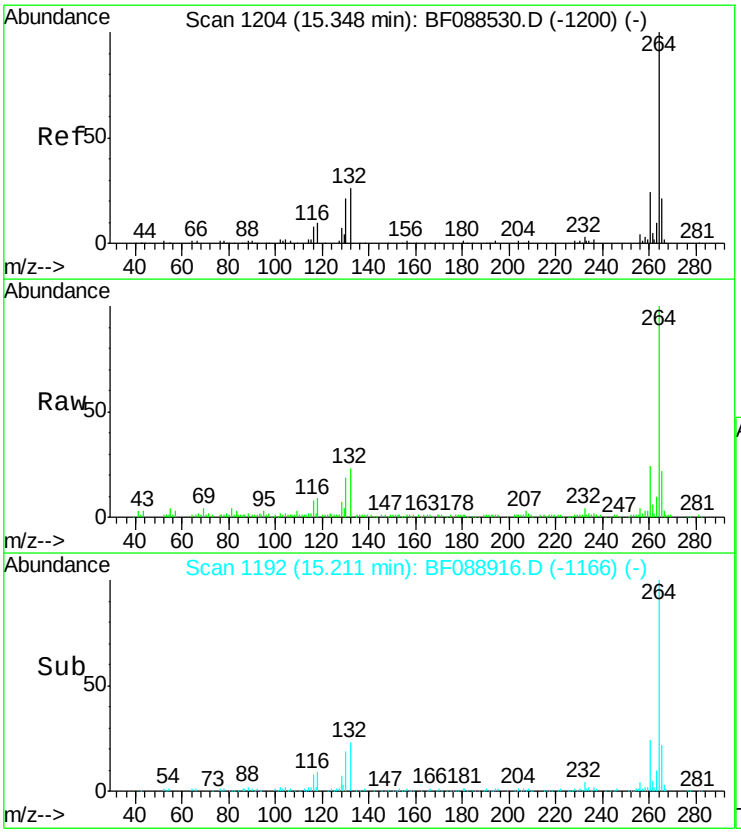
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.06 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:276 Resp: 13866

Ion	Ratio	Lower	Upper
276	100		
138	29.7	0.0	0.0#
277	31.9	0.0	0.0#

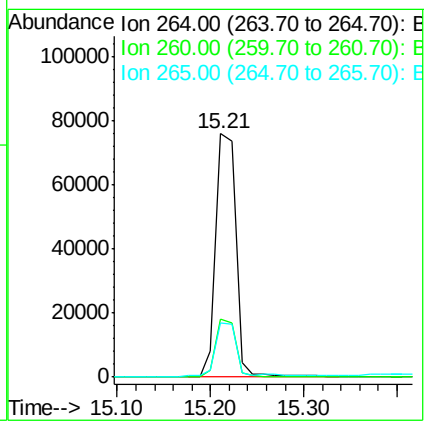


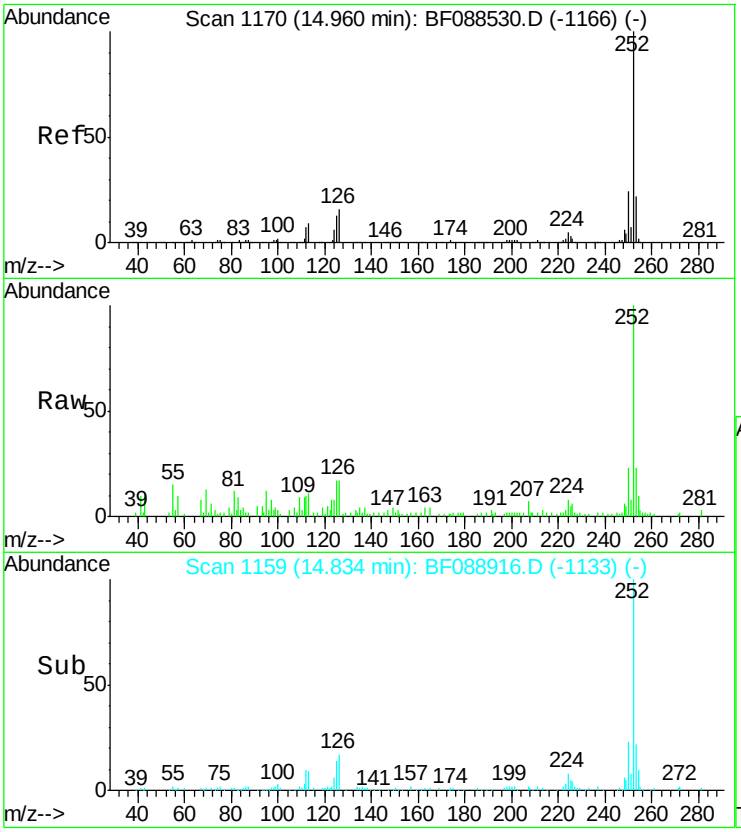


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:264 Resp: 114187

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	16.9	25.3



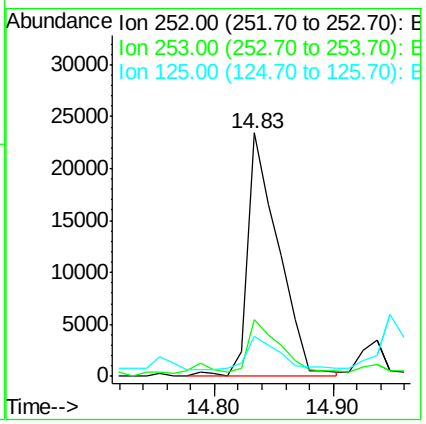


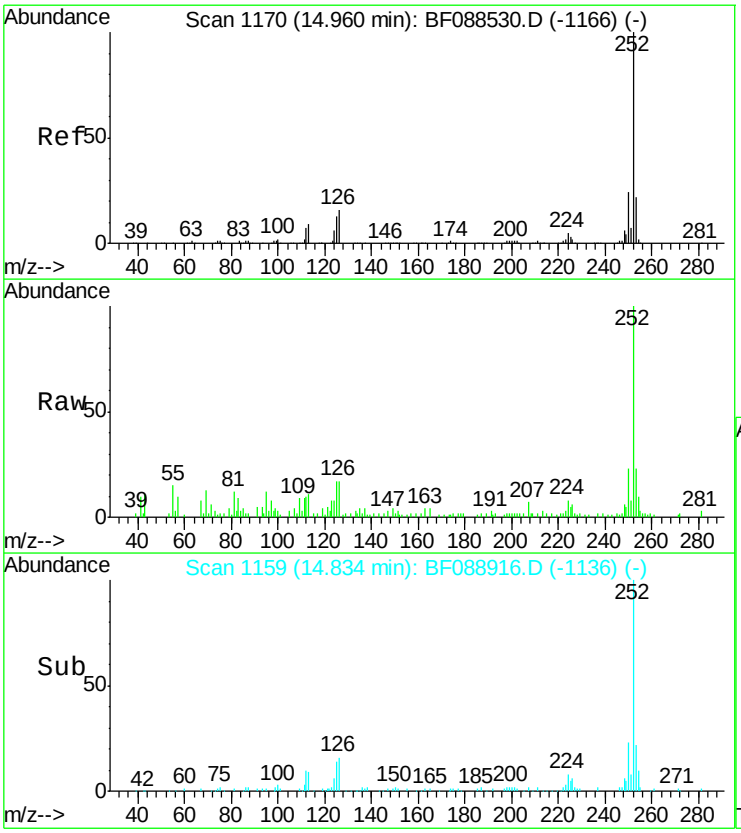
#87
Benzo(b)fluoranthene
Concen: 5.91 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:252 Resp: 42360

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	16.7	7.1	10.7#

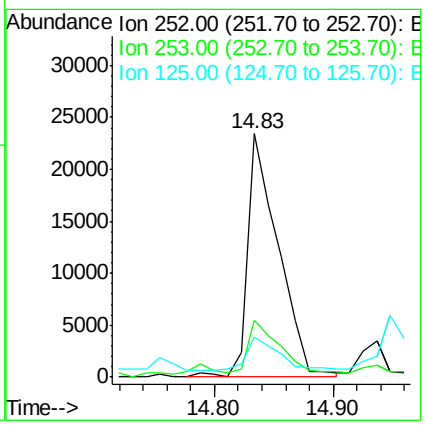


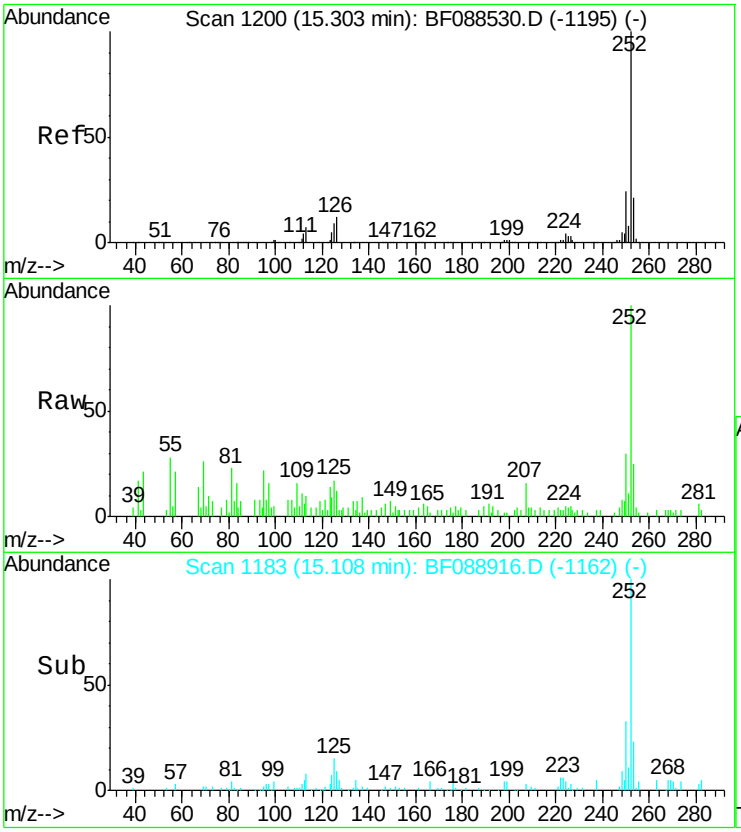


#88
Benzo(k)fluoranthene
Concen: 6.79 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:252 Resp: 42360

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	16.7	11.2	16.8



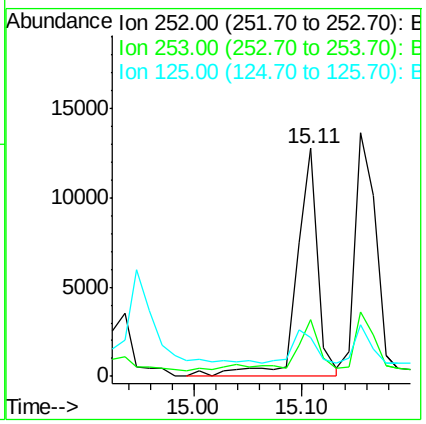


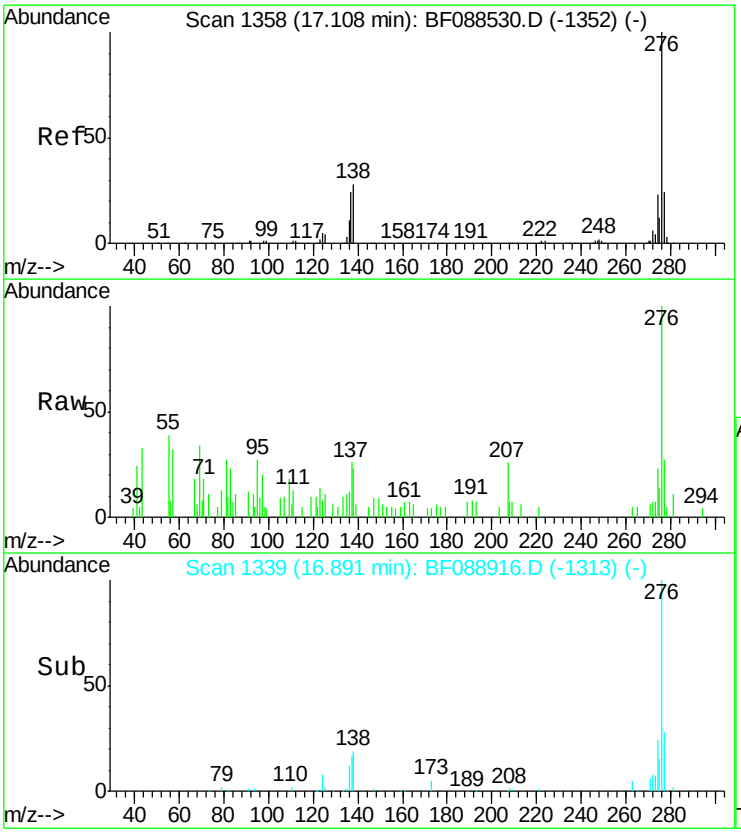
#89
Benzo(a)pyrene
Concen: 2.85 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.06 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tgt Ion:252 Resp: 17271

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	16.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.74 ng
RT: 16.89 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:276 Resp: 14373

Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.9	28.3
138	23.1	21.4	32.2