Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088914.D
Acq On : 11 Jul 2016 22:20
Operator : UM/SJ
Sample : H3921-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B2(0-5)C

Quant Time: Jul 12 02:06:44 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	63469	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	257667	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	105251	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	169044	20.00	ng		0.00
75) Chrysene-d12	13.84	240	132246	20.00	ng		-0.01
86) Perylene-d12	15.21	264	112260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	513456	121.24	ng		0.02
7) Phenol-d6	6.35	99	560494	102.43	ng		0.00
23) Nitrobenzene-d5	7.28	82	392734	79.87	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	113768	116.40	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	561695	84.30	ng		0.00
78) Terphenyl-d14	12.81	244	447230	75.32	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	53724	14.62	ng	#	70
49) Dimethylphthalate	9.47	163	98485	13.13	ng		98
56) 2,4-Dinitrotoluene	9.75	165	12998	5.98	ng	#	36
66) 4-Bromophenyl-phenylether	10.52	248	6968	4.09	ng	#	1
70) Phenanthrene	11.24	178	31235	3.38	ng		98
74) Fluoranthene	12.42	202	76066	8.12	ng		98
77) Pyrene	12.65	202	60403	5.39	ng		99
80) Benzo(a)anthracene	13.83	228	42926	5.04	ng		94
82) Chrysene	13.83	228	42926	5.10	ng		98
85) Indeno(1,2,3-cd)pyrene	16.50	276	16916	2.61	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	61076	8.67	ng	#	92
88) Benzo(k)fluoranthene	14.83	252	61076	9.96	ng		97
89) Benzo(a)pyrene	15.15	252	25944	4.35	ng		97
91) Benzo(g,h,i)perylene	16.88	276	15648	3.04	ng		99

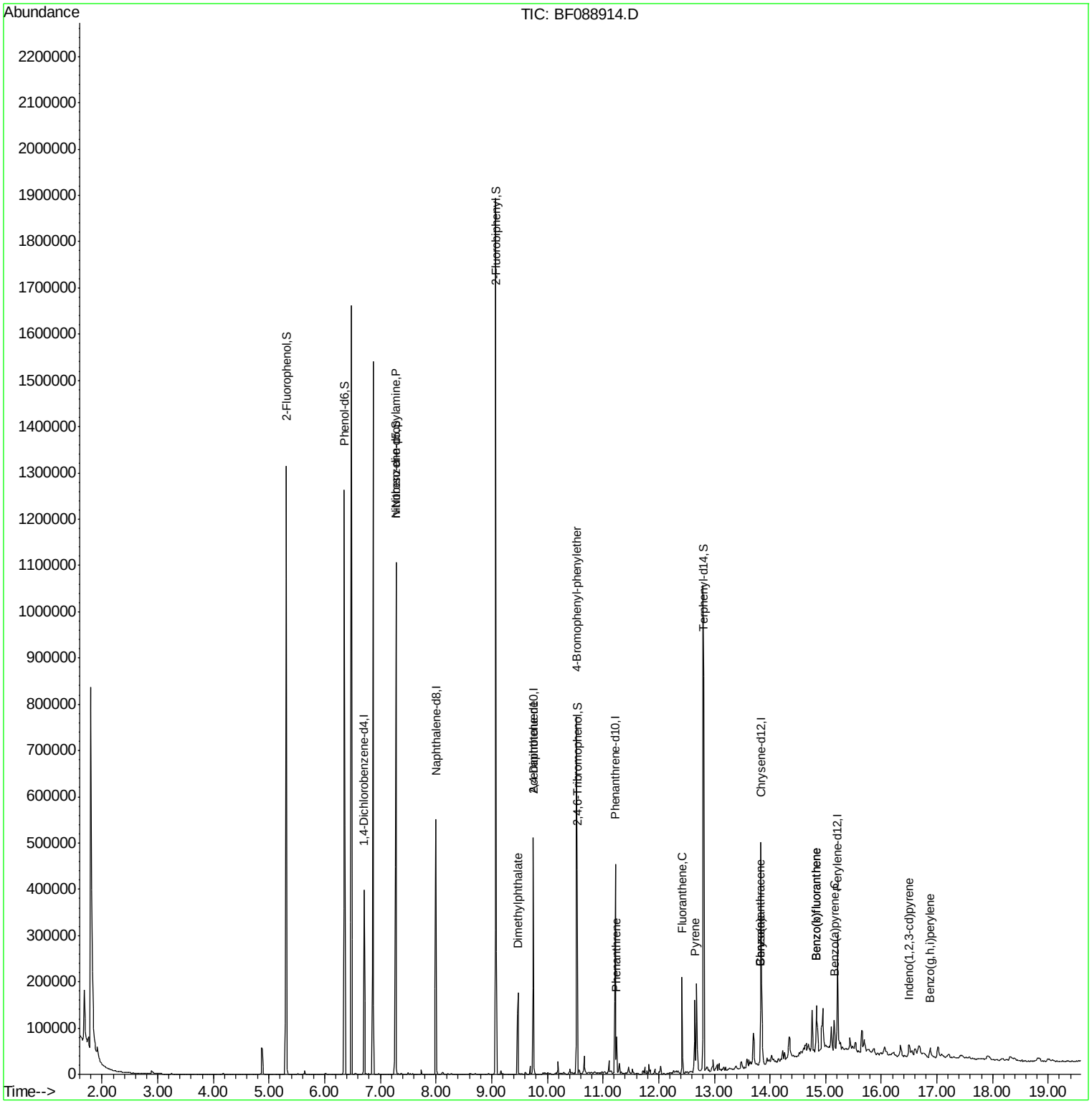
(#) = qualifier out of range (m) = manual integration (+) = signals summed

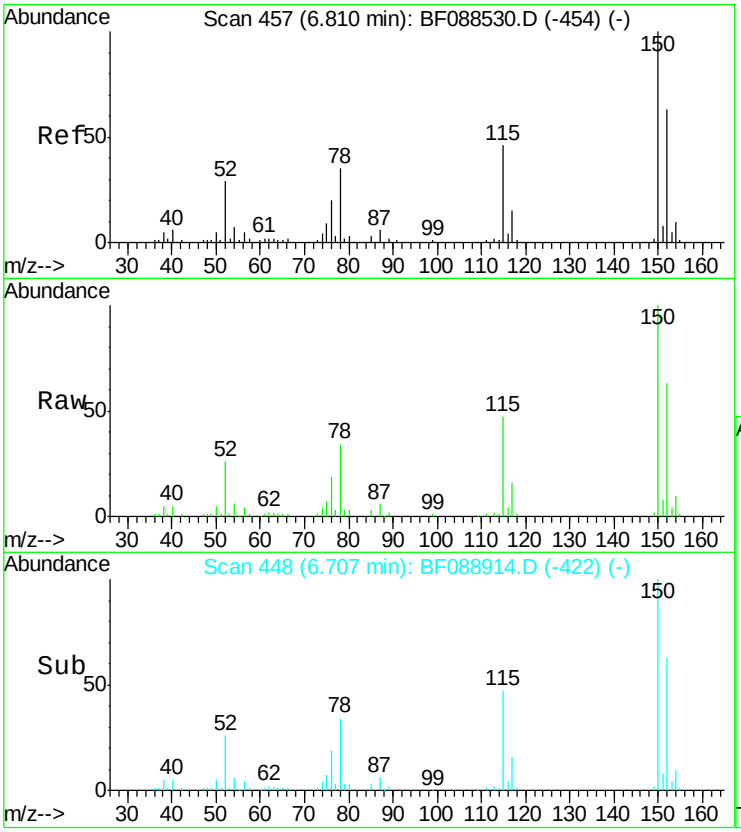
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088914.D
Acq On : 11 Jul 2016 22:20
Operator : UM/SJ
Sample : H3921-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Quant Time: Jul 12 02:06:44 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



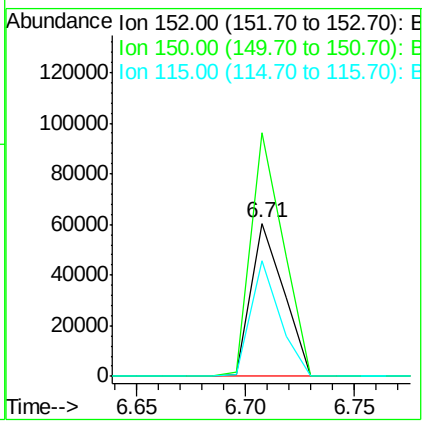


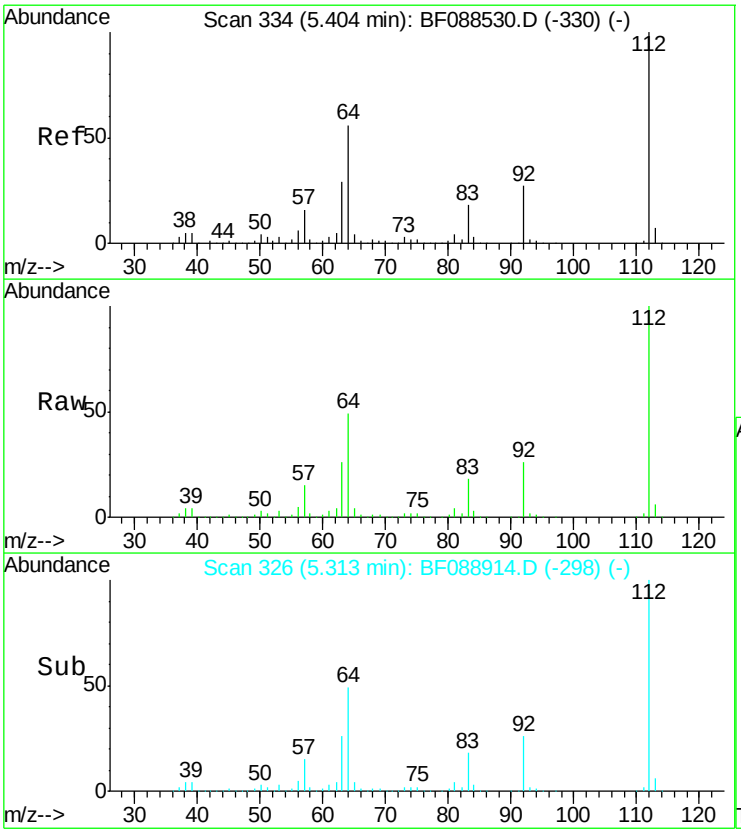
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:152 Resp: 63469

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	75.2	39.6	59.4#

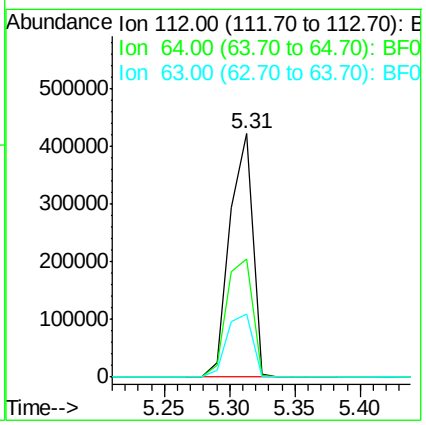


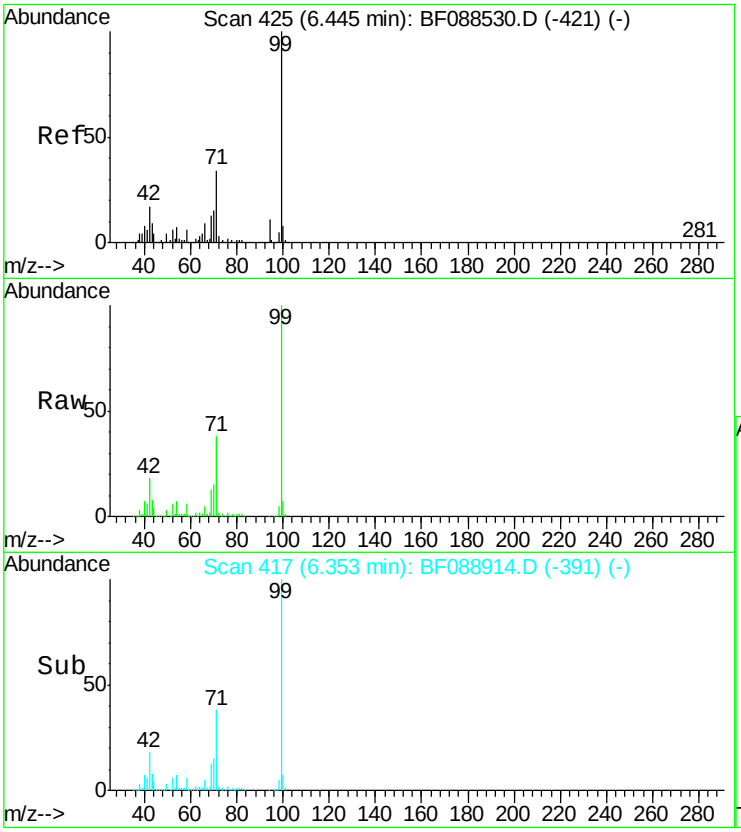


#5
2-Fluorophenol
Concen: 121.24 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:112 Resp: 513456

Ion	Ratio	Lower	Upper
112	100		
64	48.8	42.2	63.2
63	25.8	21.8	32.8



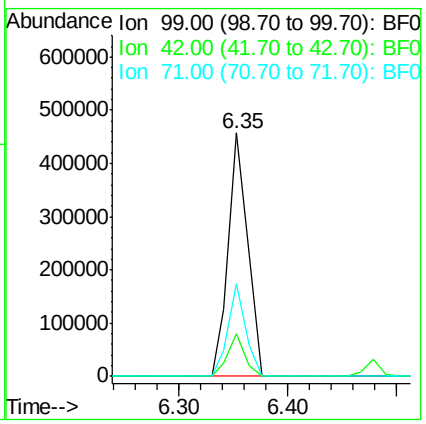


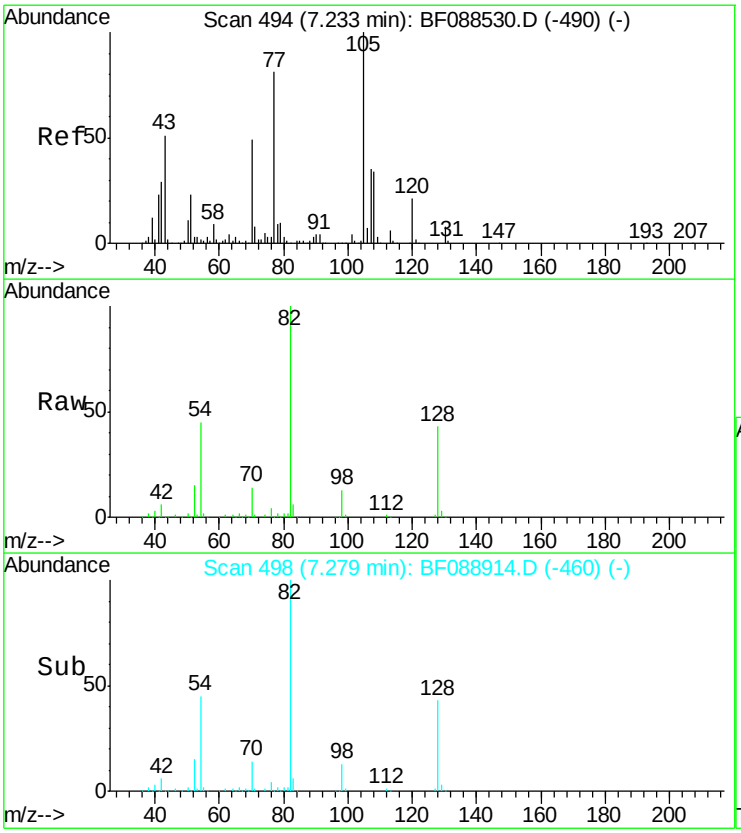
#7
Phenol-d6
Concen: 102.43 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion: 99 Resp: 560494

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	37.8	23.4	35.0#

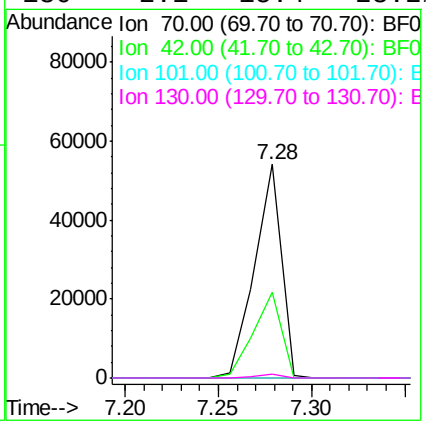


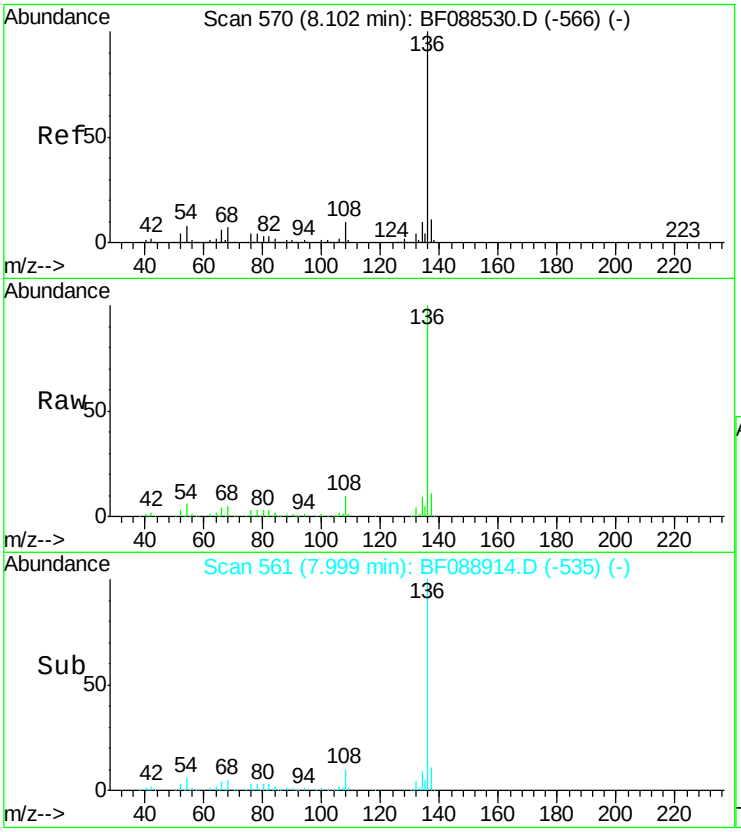


#19
n-Nitroso-di-n-propylamine
Concen: 14.62 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.14 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion: 70 Resp: 53724

Ion	Ratio	Lower	Upper
70	100		
42	40.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



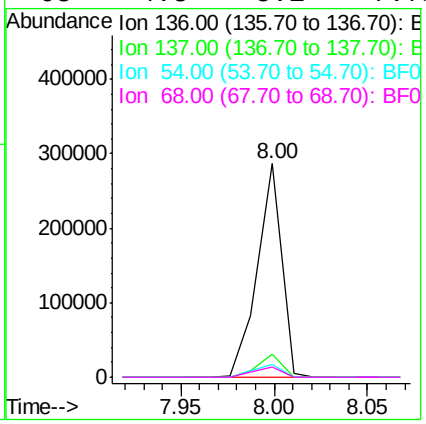


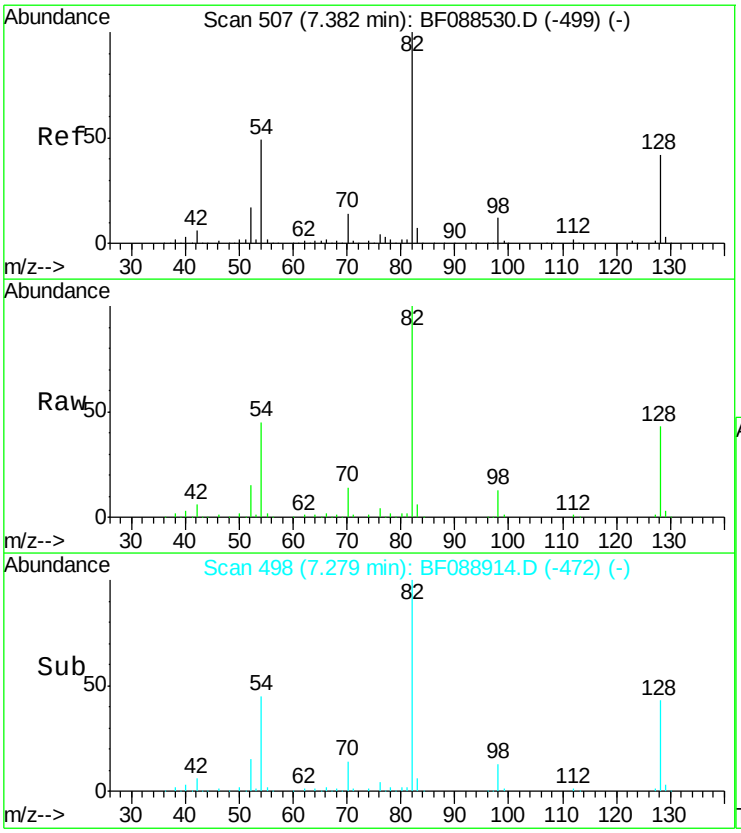
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:136 Resp: 257667

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.7	6.6	10.0#
68	4.8	5.1	7.7#

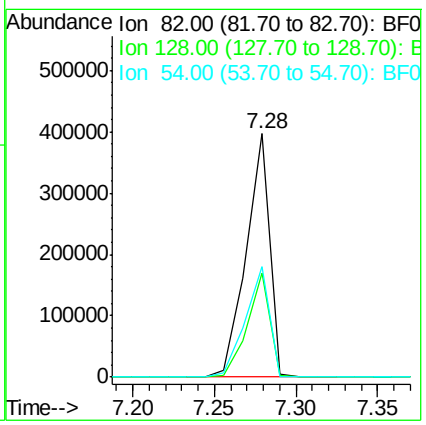


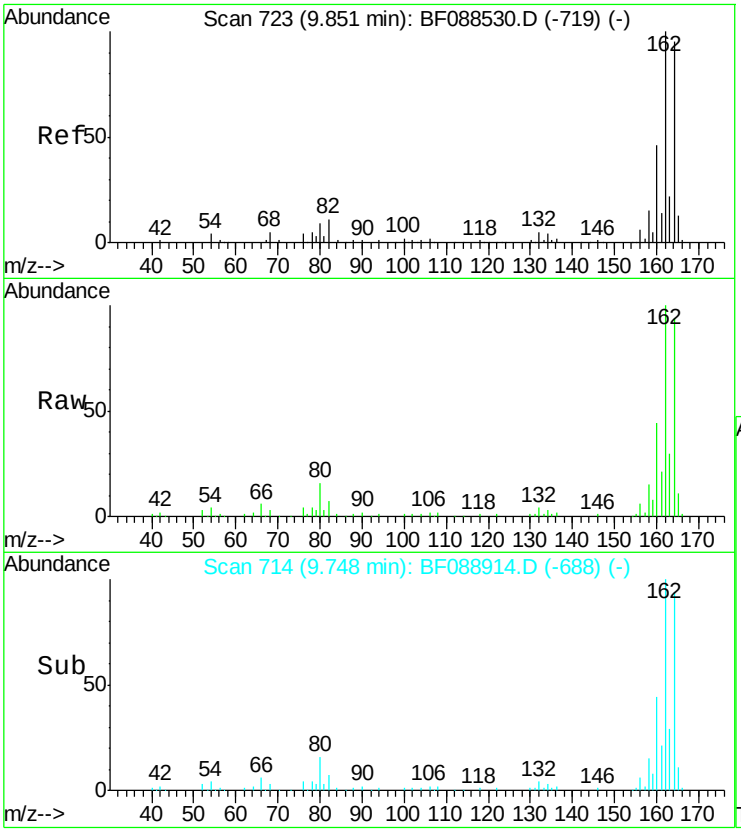


#23
Nitrobenzene-d5
Concen: 79.87 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion: 82 Resp: 392734

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	45.3	40.9	61.3



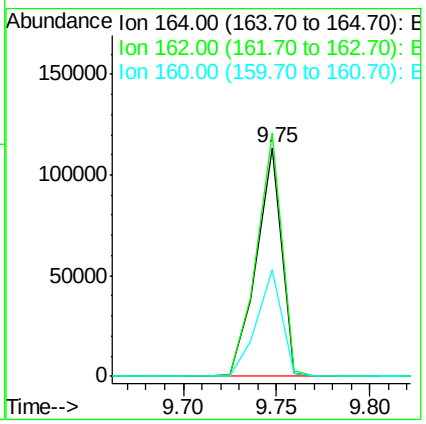


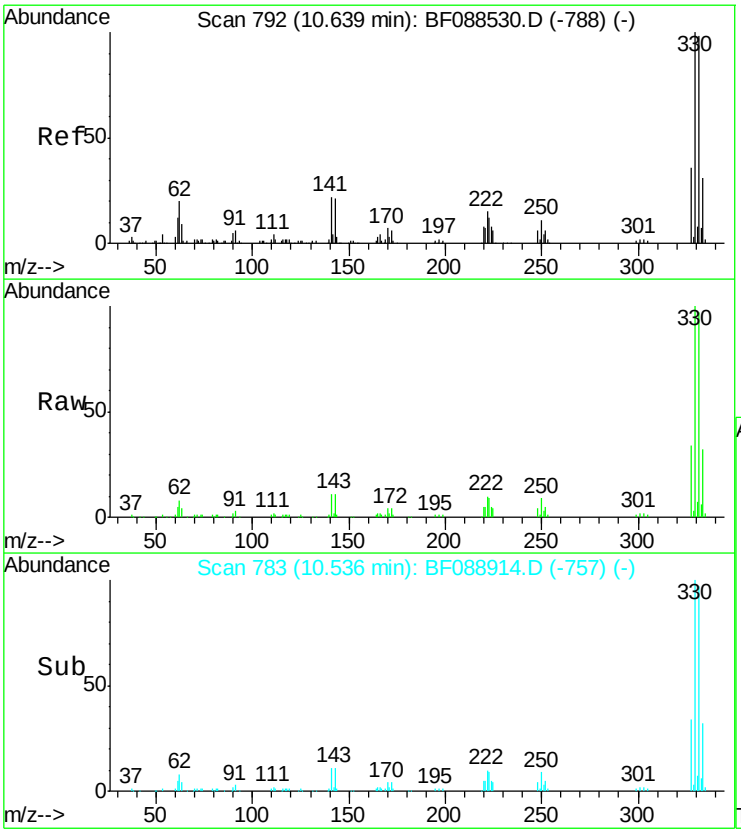
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:164 Resp: 105251

Ion	Ratio	Lower	Upper
164	100		
162	106.6	85.4	128.2
160	46.8	39.5	59.3

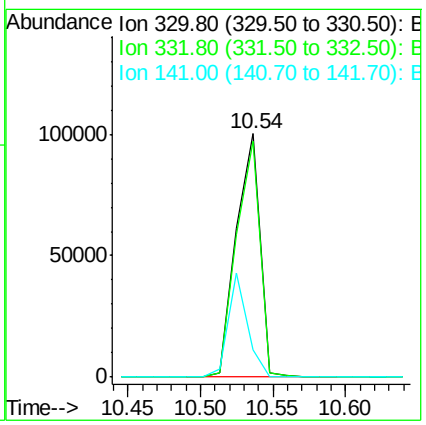


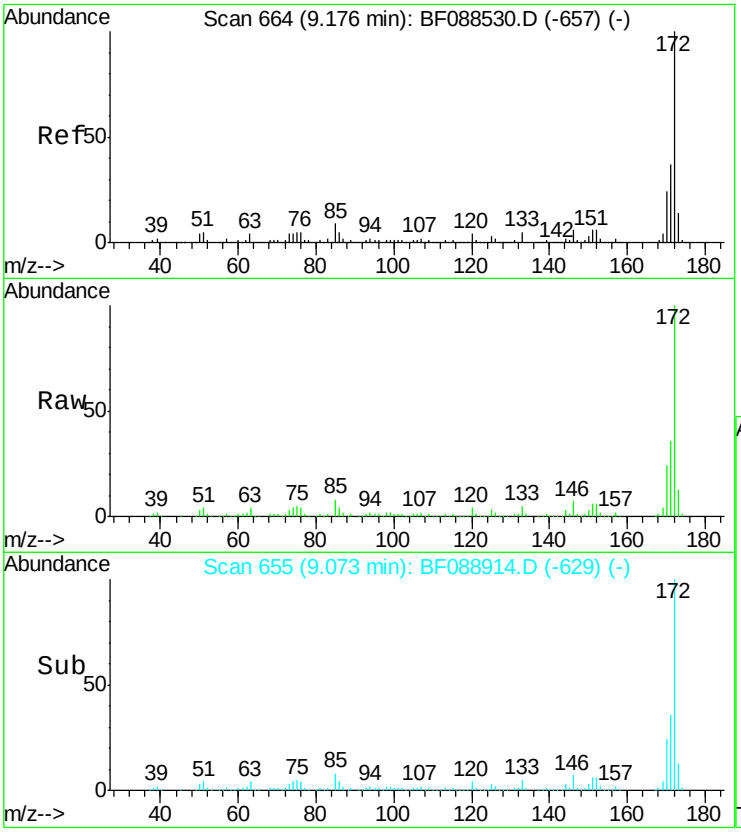


#41
2,4,6-Tribromophenol
Concen: 116.40 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:330 Resp: 113768

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.7	0.0	0.0#



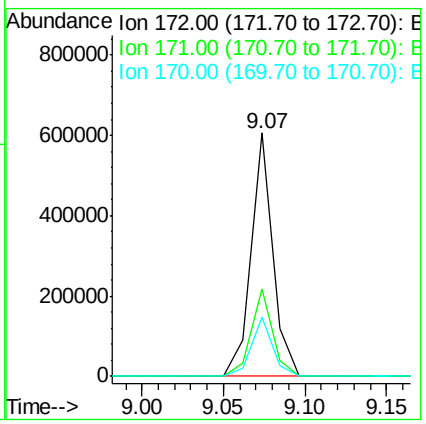


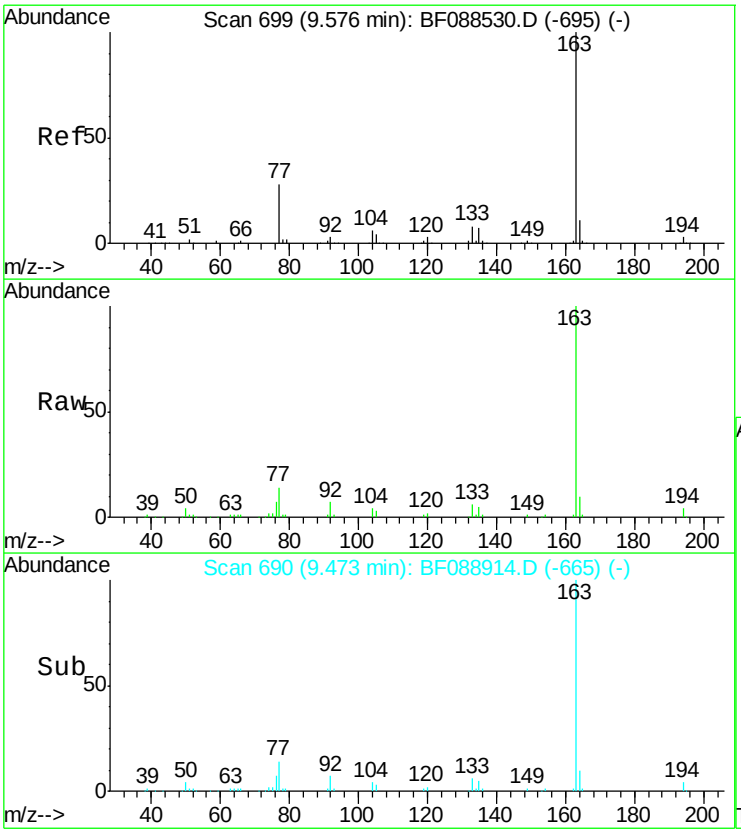
#44
2-Fluorobiphenyl
Concen: 84.30 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:172 Resp: 561695

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8

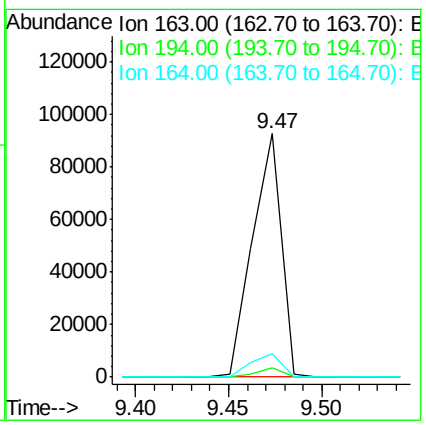


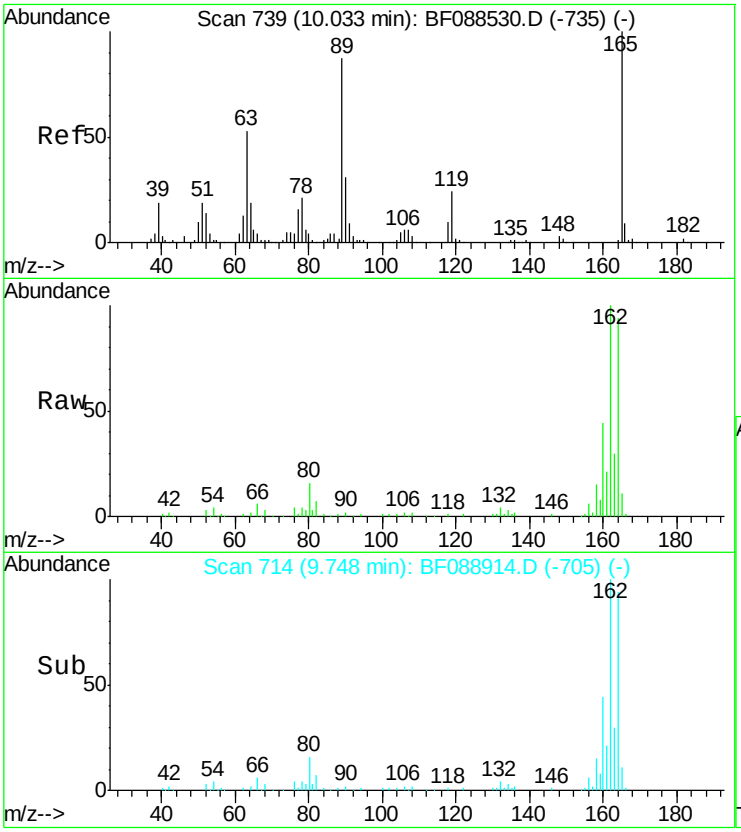


#49
Dimethylphthalate
Concen: 13.13 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:163 Resp: 98485

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.8	8.3	12.5



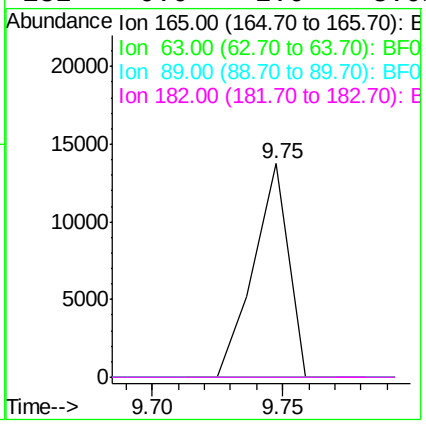


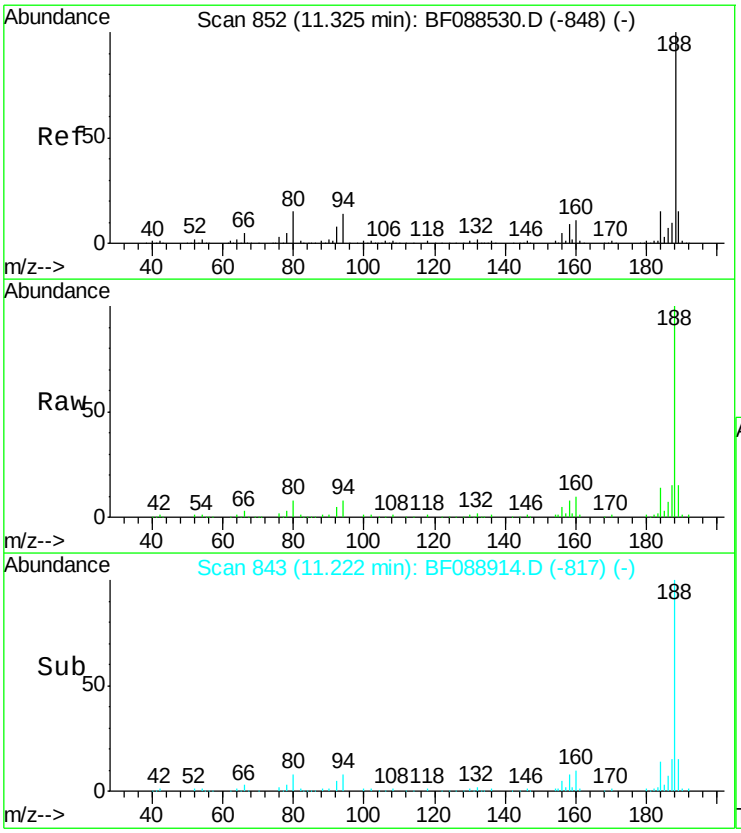
#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.19 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:165 Resp: 12998

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#

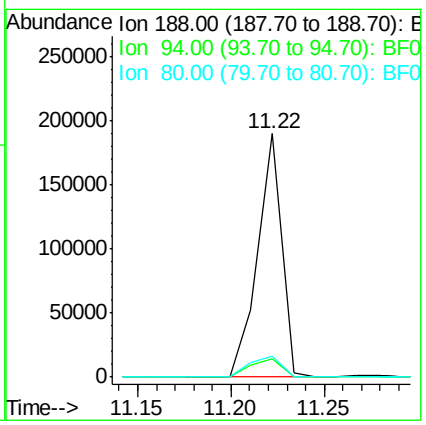


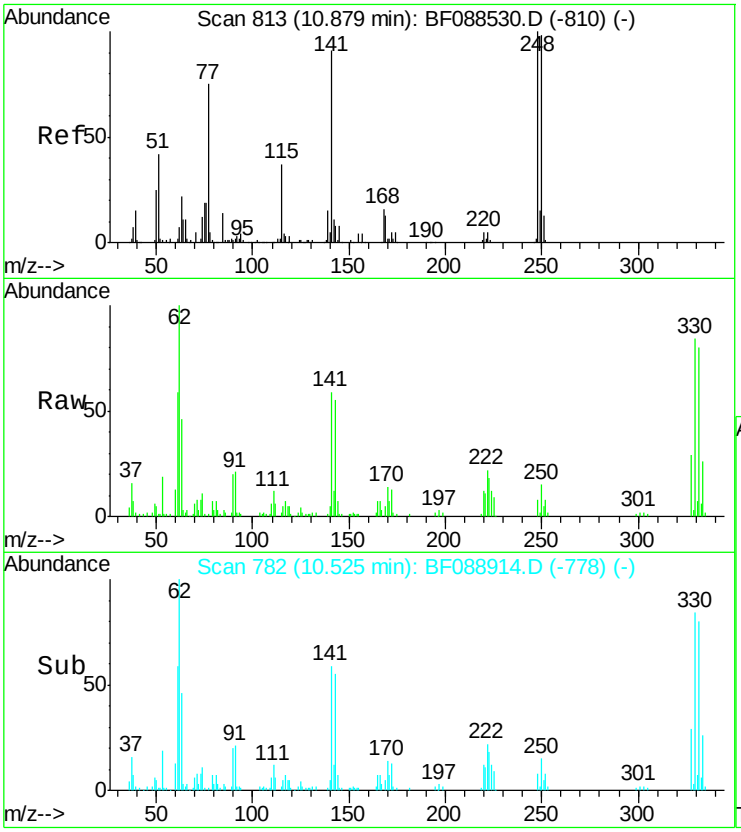


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:188 Resp: 169044

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



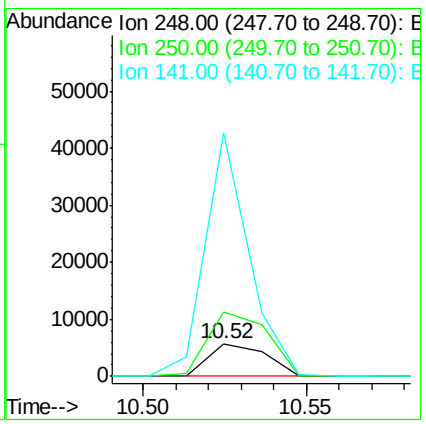


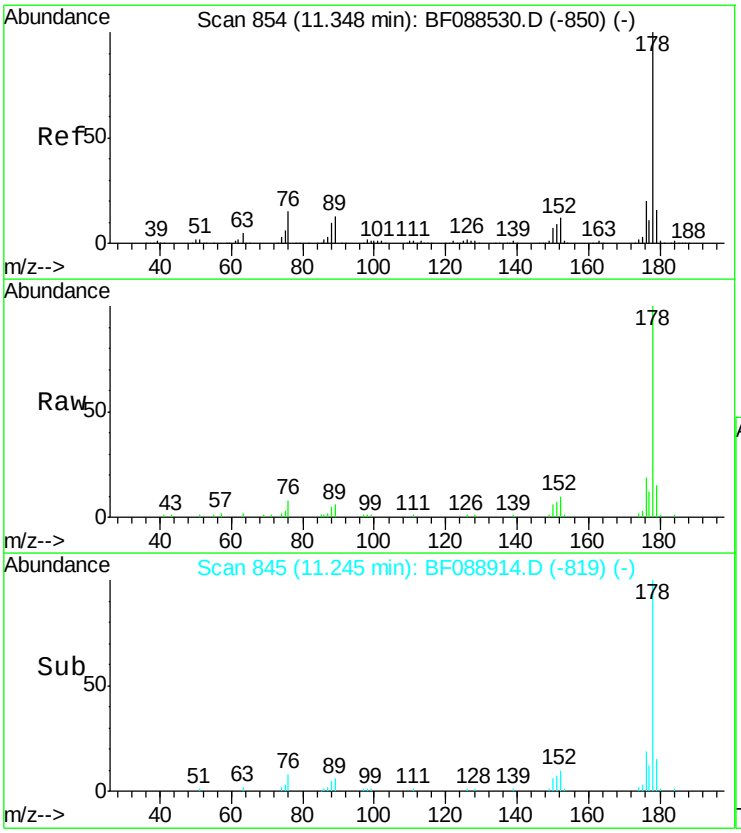
#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:248 Resp: 6968

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.1	115.7#
141	745.5	50.6	76.0#

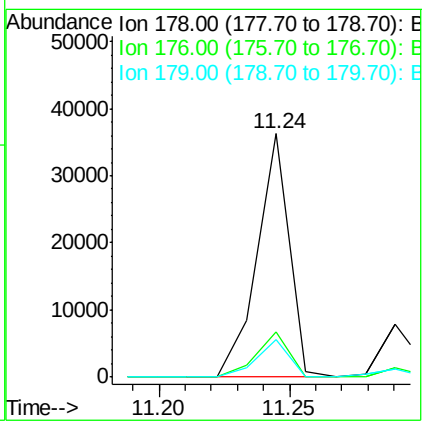


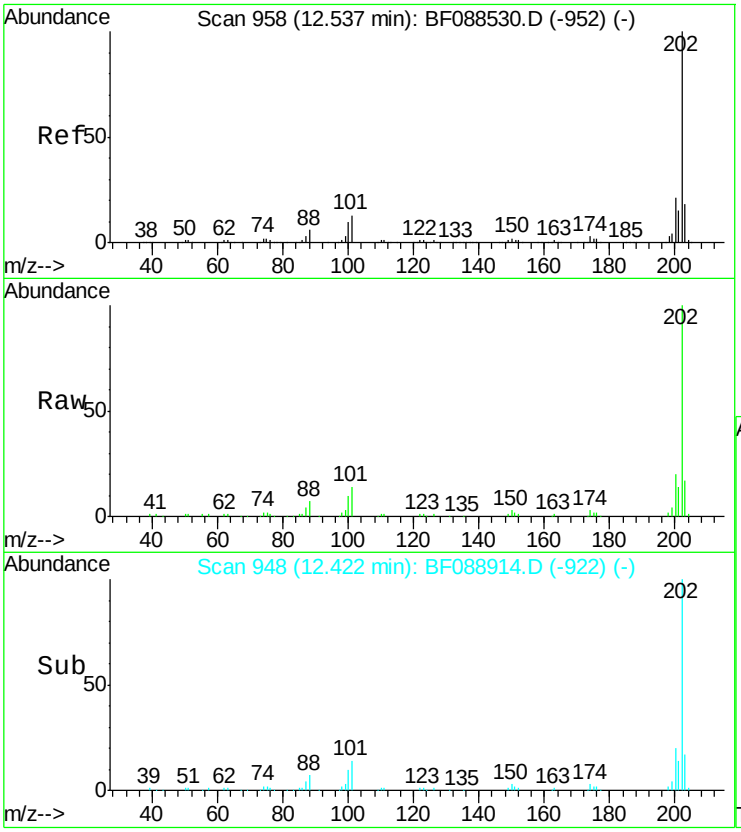


#70
Phenanthrene
Concen: 3.38 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:178 Resp: 31235

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	13.0	19.4



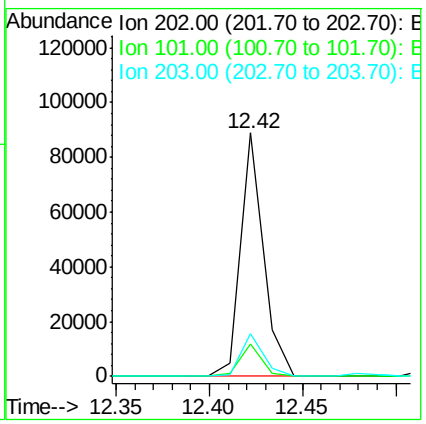


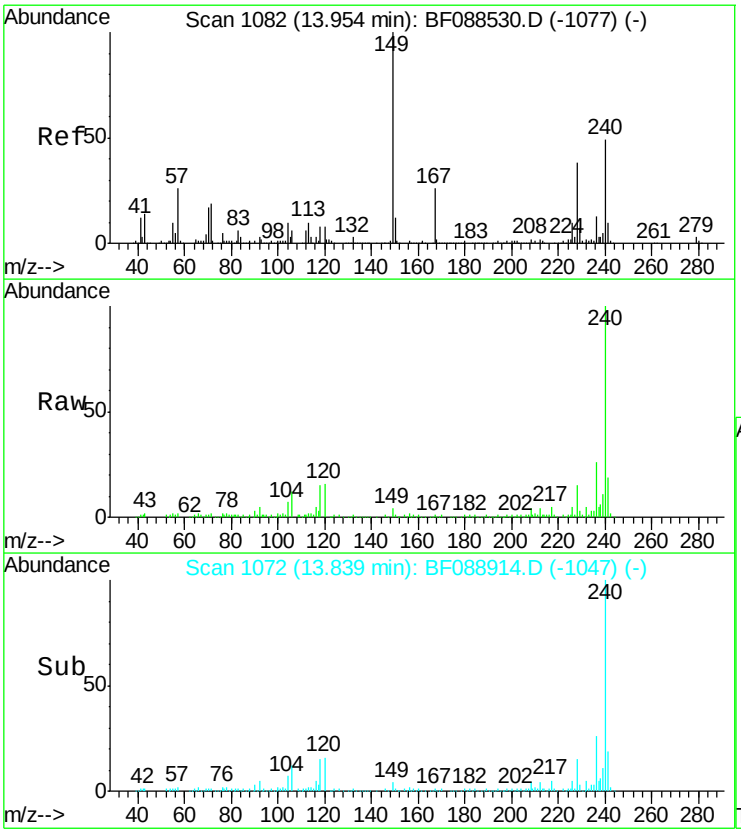
#74
Fluoranthene
Concen: 8.12 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:202 Resp: 76066

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.1
203	17.3	0.0	38.1

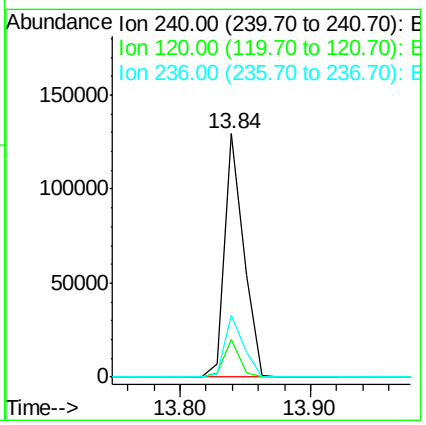


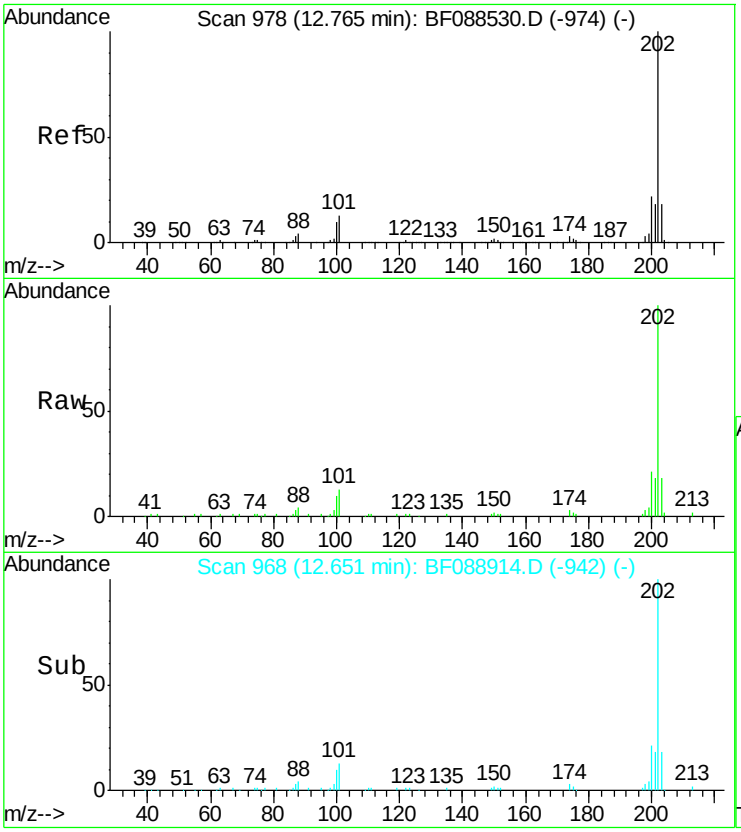


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:240 Resp: 132246

Ion	Ratio	Lower	Upper
240	100		
120	15.6	6.8	10.2#
236	25.6	20.2	30.2



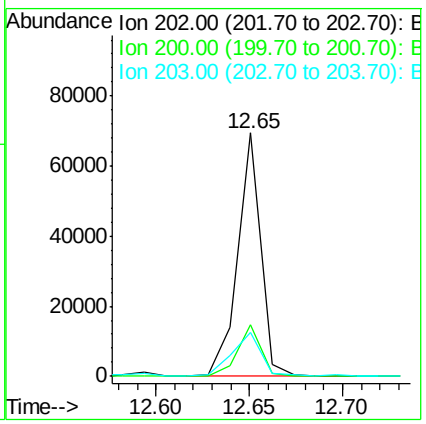


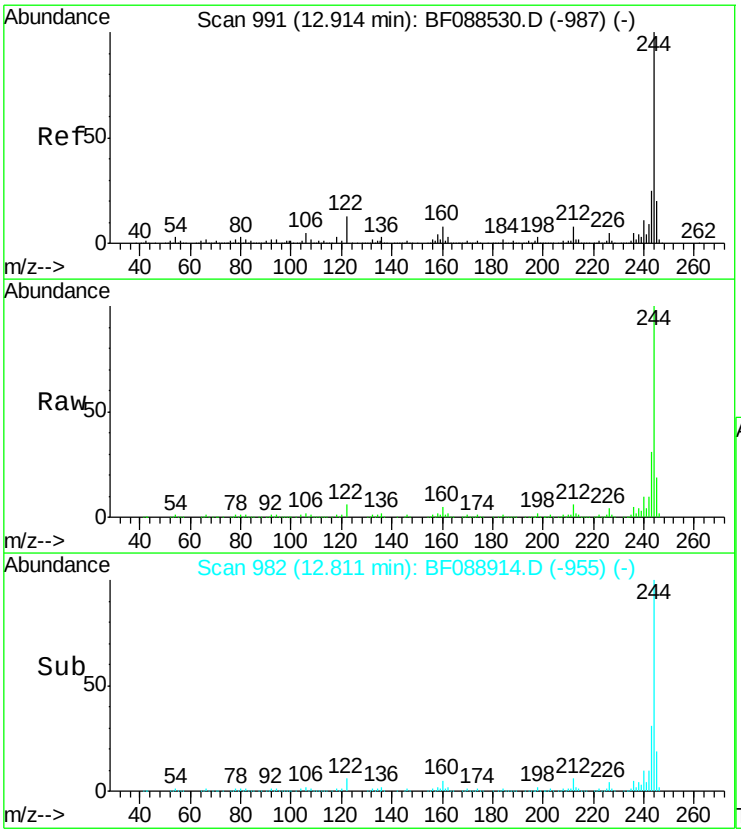
#77
Pyrene
Concen: 5.39 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:202 Resp: 60403

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.5	21.7

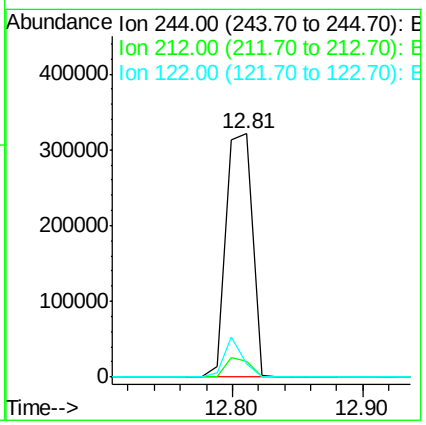


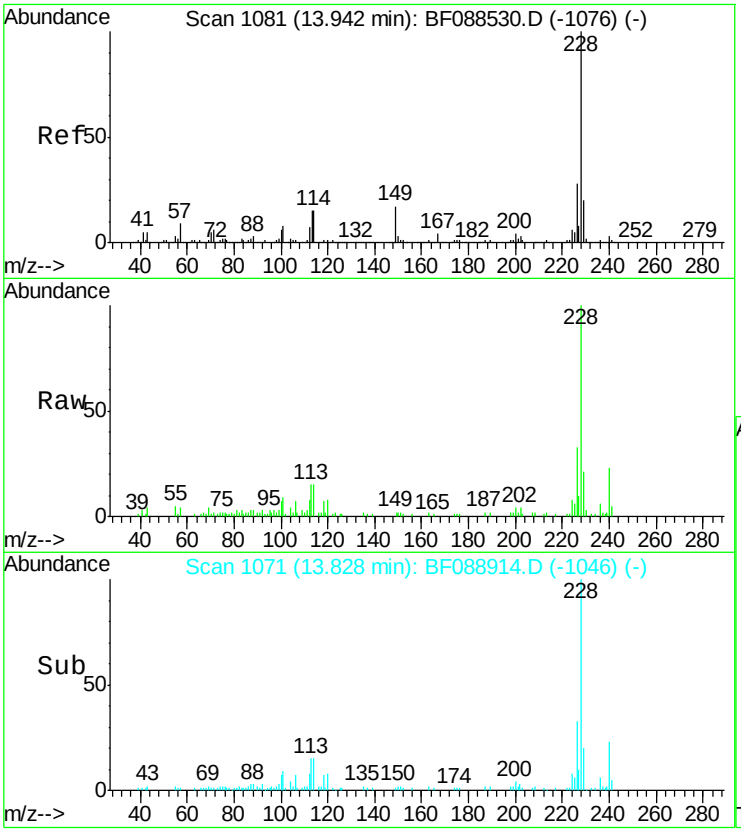


#78
Terphenyl-d14
Concen: 75.32 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:244 Resp: 447230

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	5.5	11.2	16.8#



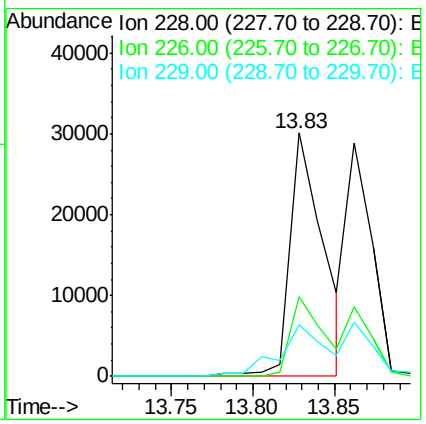


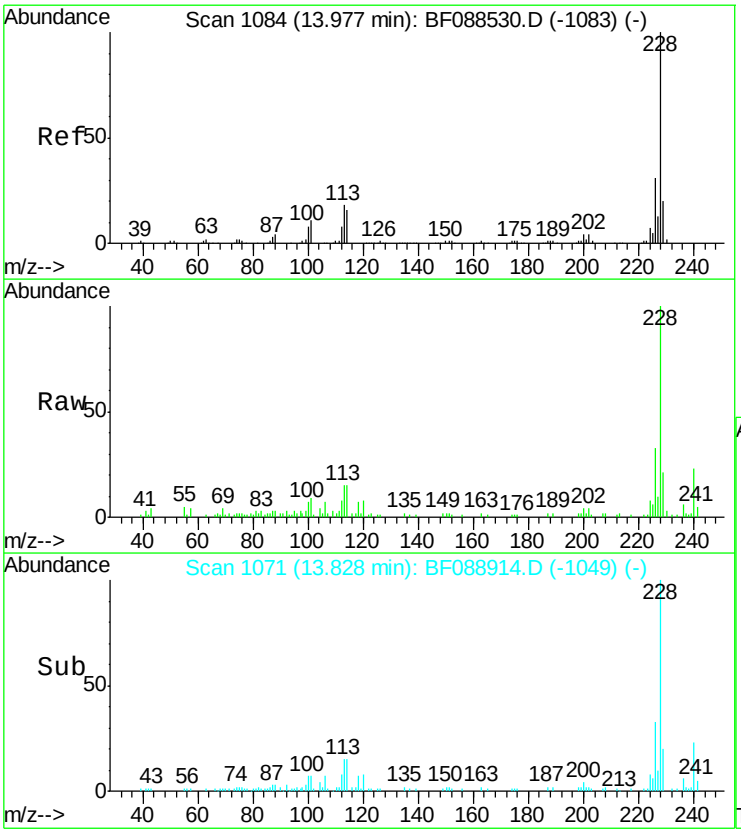
#80
Benzo(a)anthracene
Concen: 5.04 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:228 Resp: 42926

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.3	33.5
229	21.1	16.0	24.0

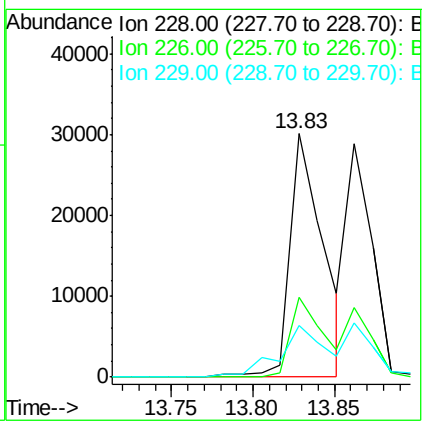


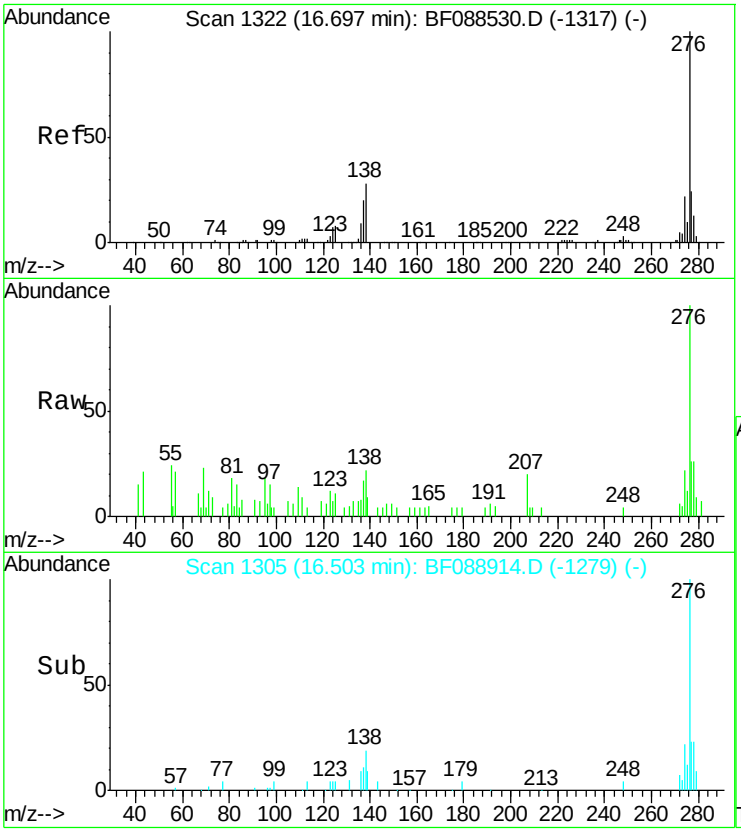


#82
Chrysene
Concen: 5.10 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:228 Resp: 42926

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.2
229	21.1	16.3	24.5



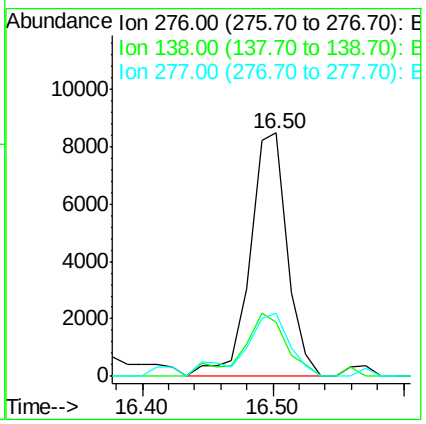


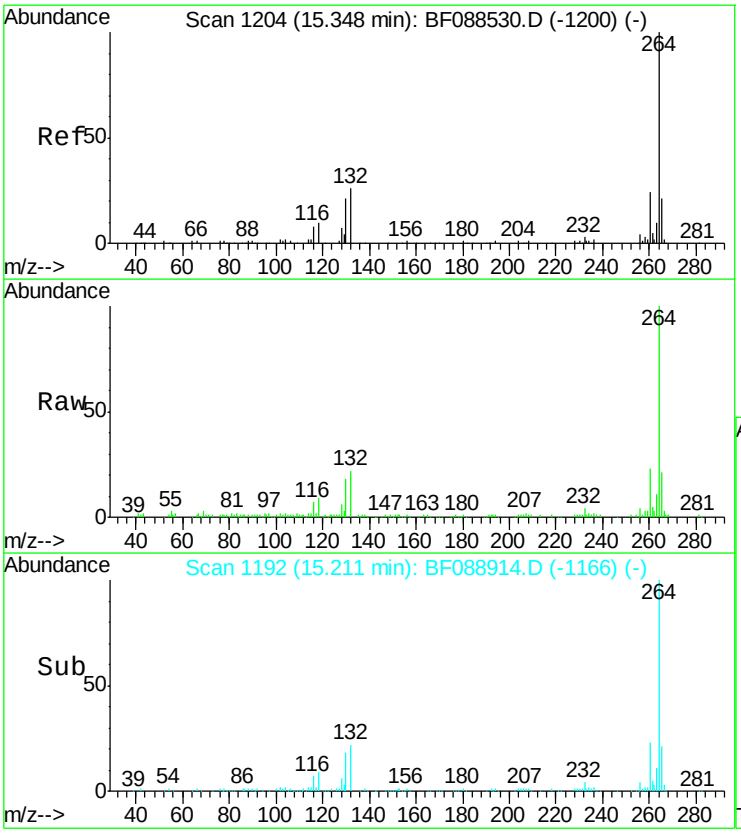
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:276 Resp: 16916

Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.0	0.0#
277	31.8	0.0	0.0#

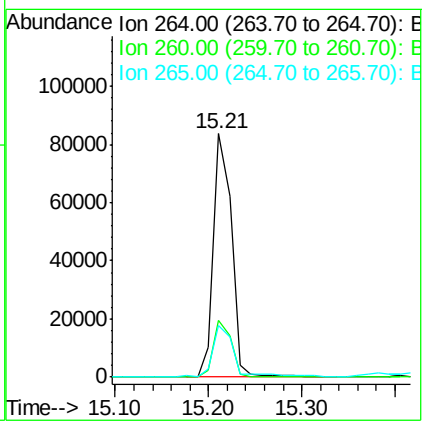


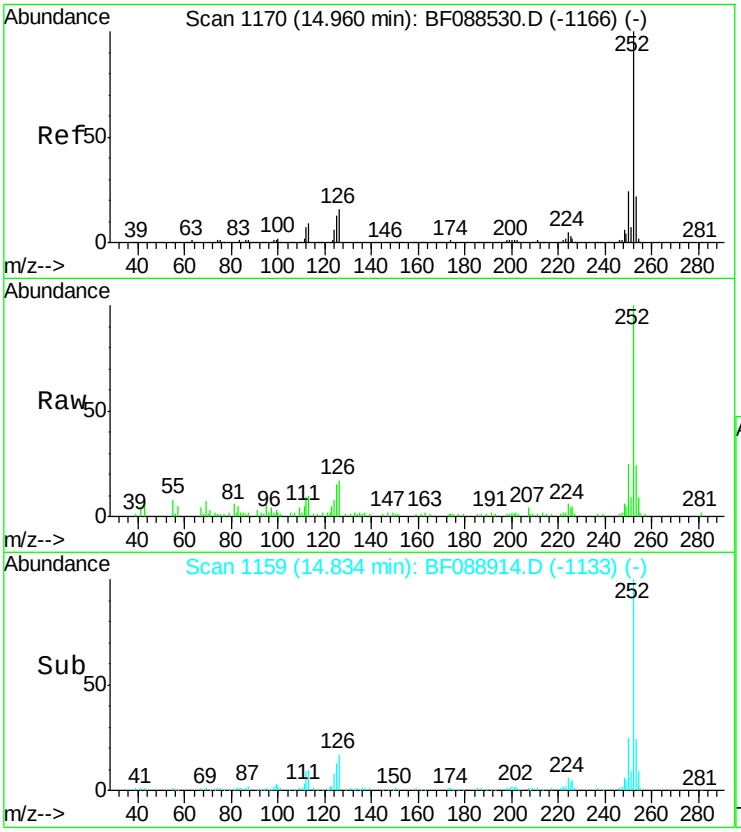


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:264 Resp: 112260

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	16.9	25.3



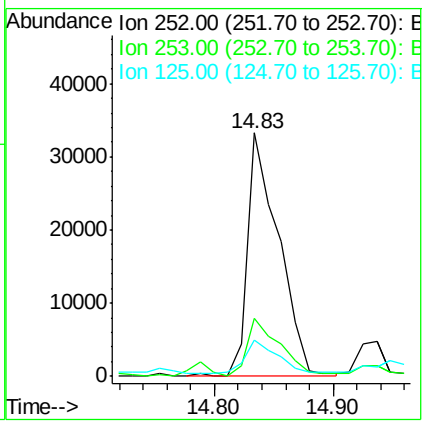


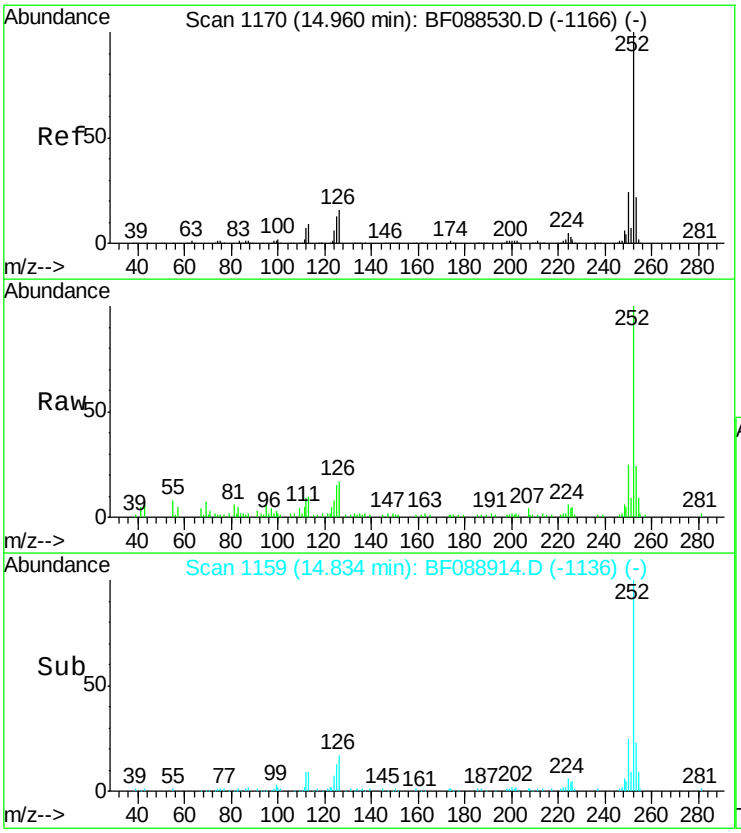
#87
Benzo(b)fluoranthene
Concen: 8.67 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:252 Resp: 61076

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	15.1	7.1	10.7#

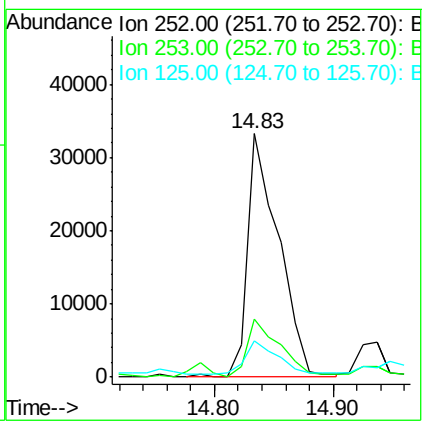


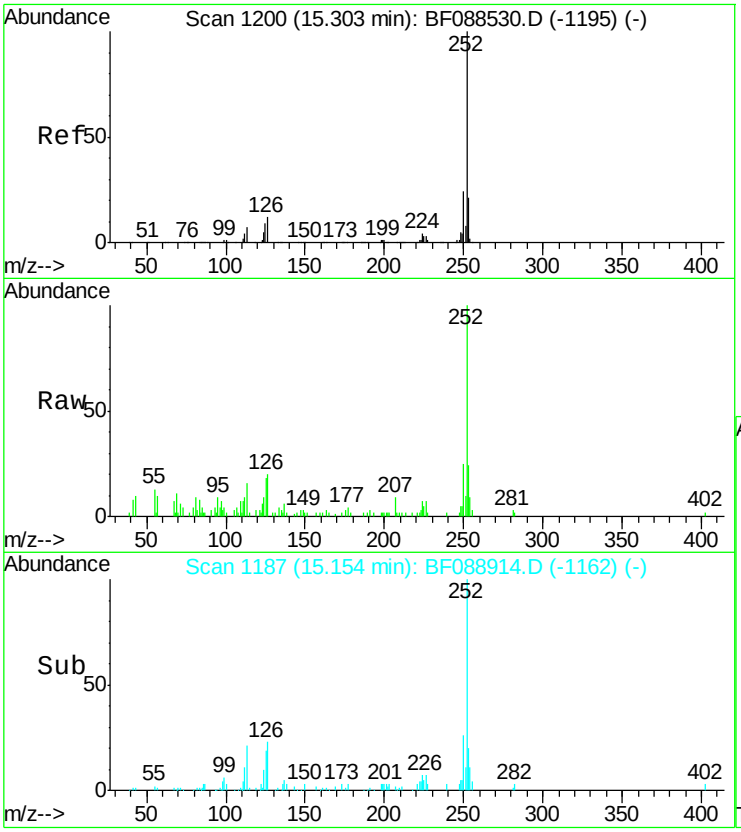


#88
Benzo(k)fluoranthene
Concen: 9.96 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:252 Resp: 61076

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	15.1	11.2	16.8



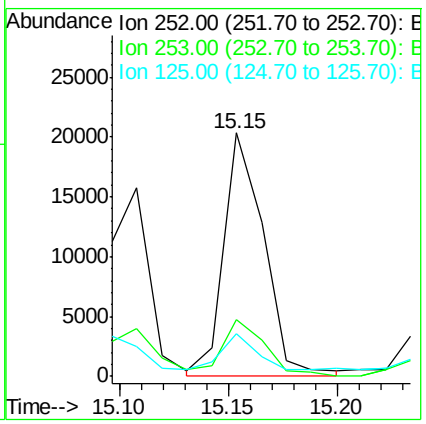


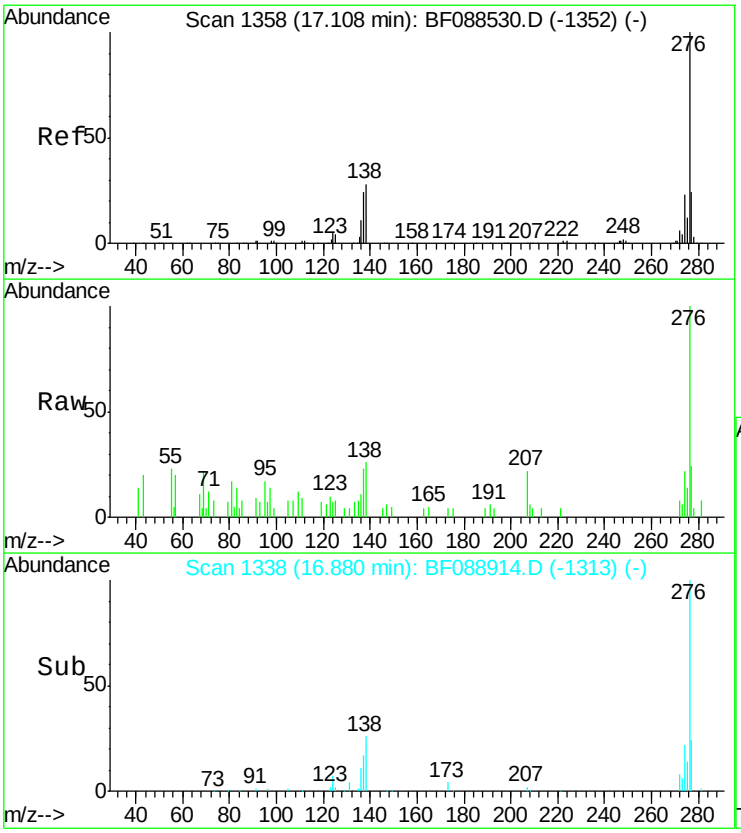
#89
Benzo(a)pyrene
Concen: 4.35 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tgt Ion:252 Resp: 25944

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	17.6	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.04 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:276 Resp: 15648

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	25.9	21.4	32.2