Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088726.D
Acq On : 6 Jul 2016 2:33
Operator : UM/SJ
Sample : H3881-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q5-B1-0-11-C

Quant Time: Jul 06 06:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 01:47:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107537	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	383722	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	168854	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	264613	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	197864	20.00	ng		-0.01
86) Perylene-d12	15.30	264	193099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	619720	86.37	ng		0.00
7) Phenol-d6	6.41	99	847682	91.43	ng		0.00
23) Nitrobenzene-d5	7.34	82	513348	70.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	159286	101.59	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	875464	81.90	ng		0.00
78) Terphenyl-d14	12.87	244	553746	62.33	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	68318	10.97	ng	#	73
25) Isophorone	7.34	82	434276	32.02	ng	#	65
49) Dimethylphthalate	9.53	163	183376	15.24	ng		98
56) 2,4-Dinitrotoluene	9.80	165	22371	6.42	ng	#	38
66) 4-Bromophenyl-phenylether	10.59	248	11360	4.26	ng	#	1
70) Phenanthrene	11.30	178	142980	9.88	ng		98
71) Anthracene	11.36	178	36667	2.55	ng		97
74) Fluoranthene	12.49	202	131088	8.94	ng		95
77) Pyrene	12.71	202	116007	6.91	ng		96
80) Benzo(a)anthracene	13.90	228	58243	4.57	ng		99
82) Chrysene	13.93	228	37555	2.98	ng		96
85) Indeno(1,2,3-cd)pyrene	16.62	276	22098	2.28	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	73255	6.05	ng	#	93
88) Benzo(k)fluoranthene	14.90	252	72262	6.85	ng		98
89) Benzo(a)pyrene	15.23	252	39050	3.81	ng		96
91) Benzo(g,h,i)perylene	17.02	276	21966	2.48	ng		98

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

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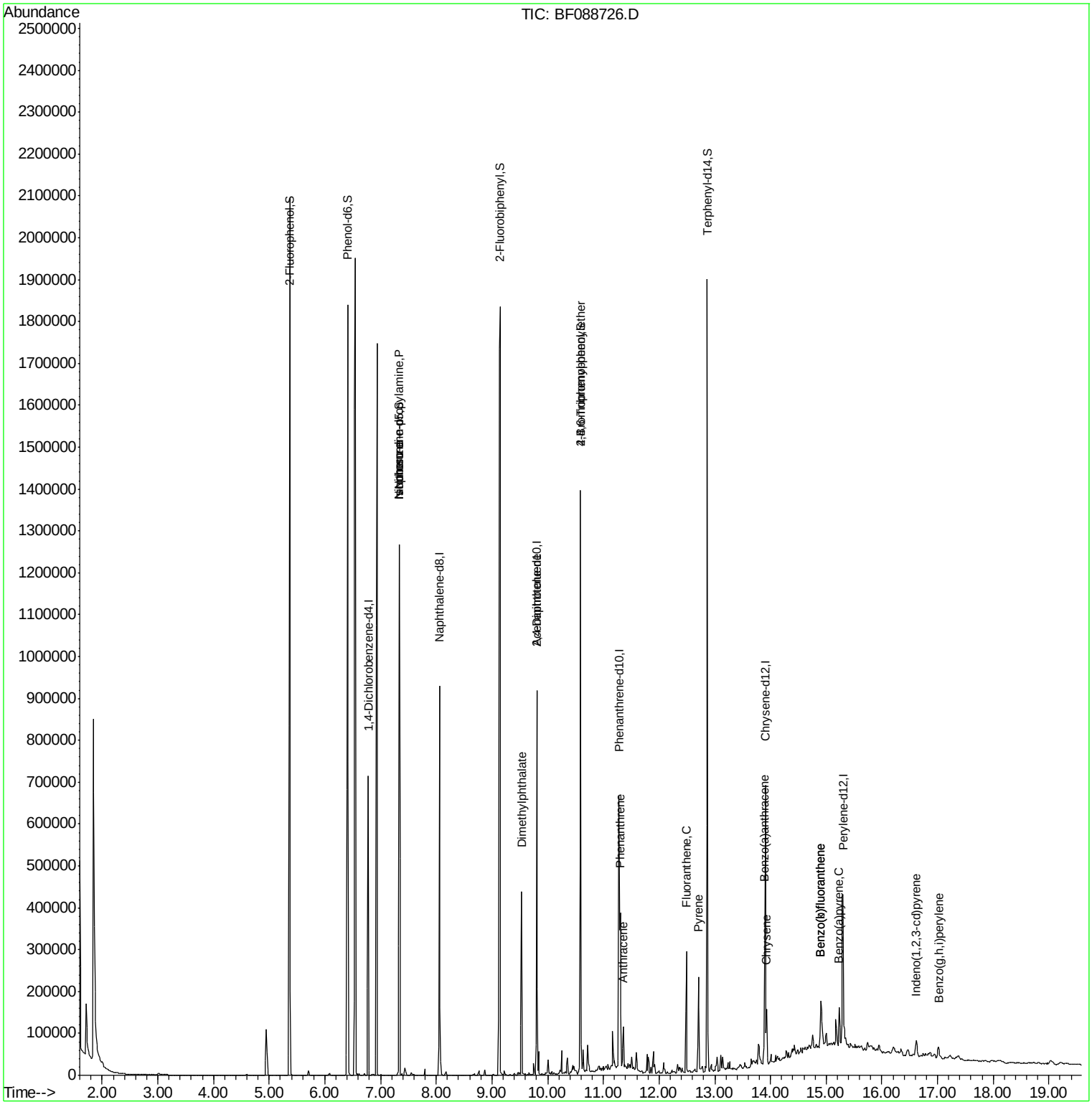
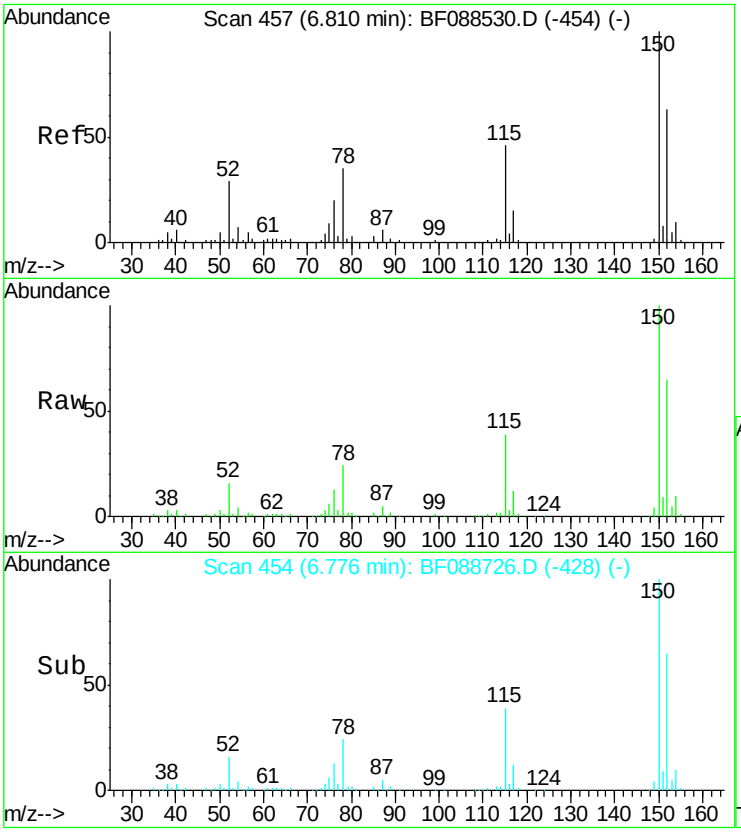


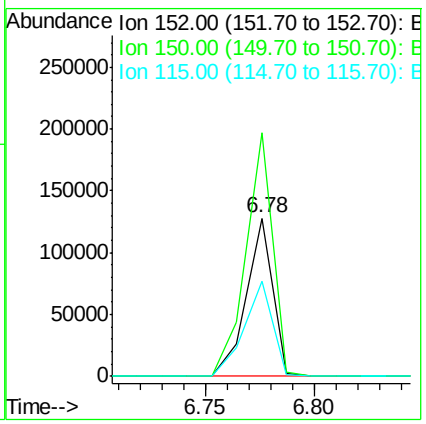


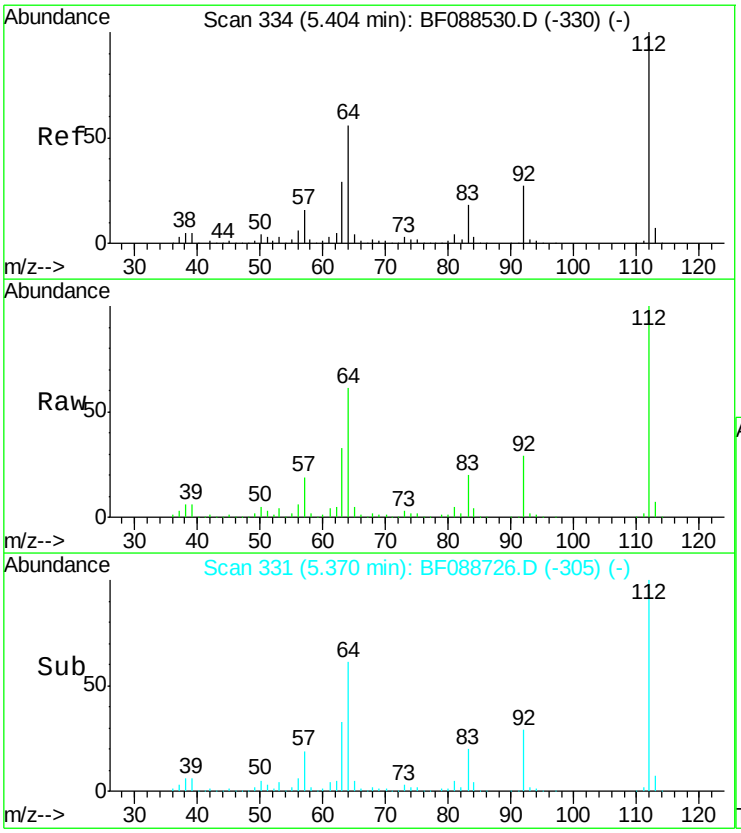
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:152 Resp: 107537

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	60.1	39.6	59.4#

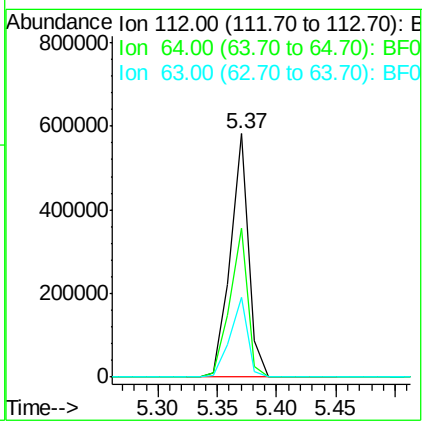


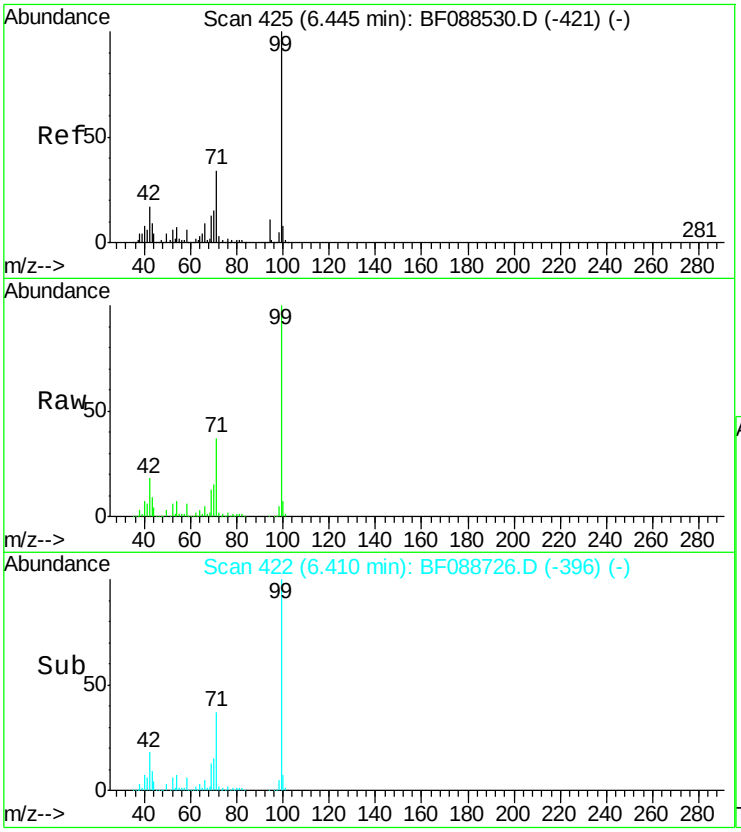


#5
2-Fluorophenol
Concen: 86.37 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:112 Resp: 619720

Ion	Ratio	Lower	Upper
112	100		
64	61.4	42.2	63.2
63	32.5	21.8	32.8



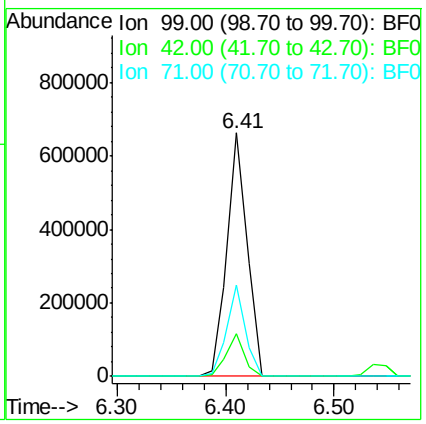


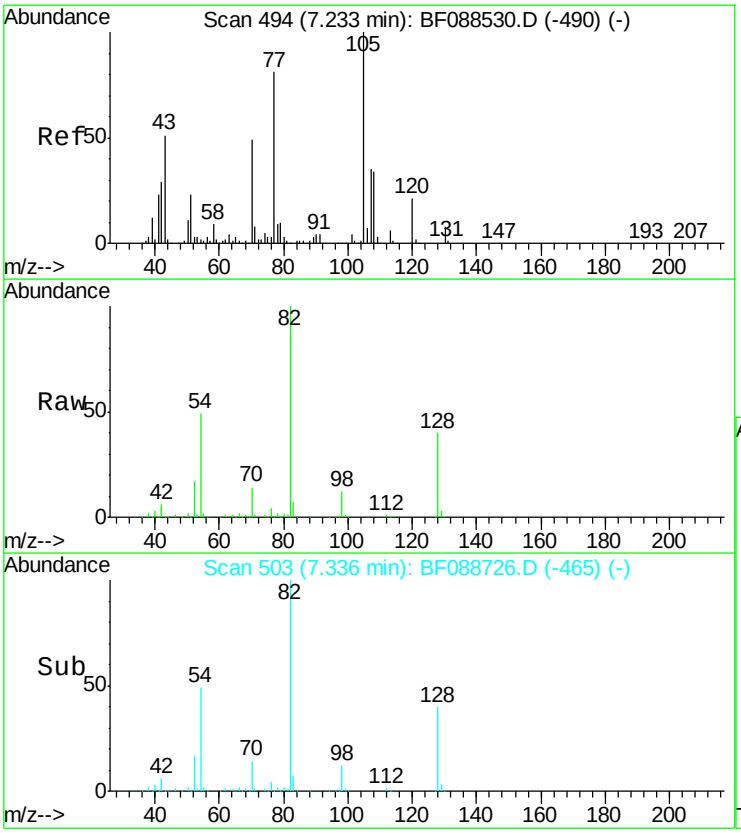
#7
Phenol-d6
Concen: 91.43 ng
RT: 6.41 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion: 99 Resp: 847682

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	37.4	23.4	35.0#

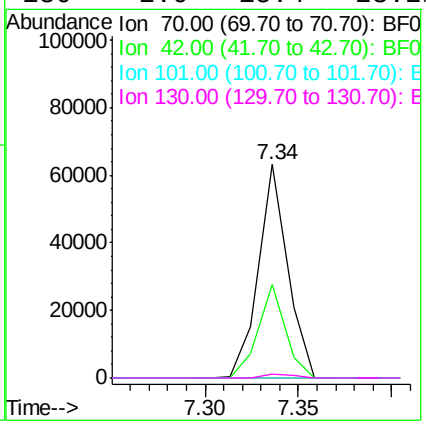


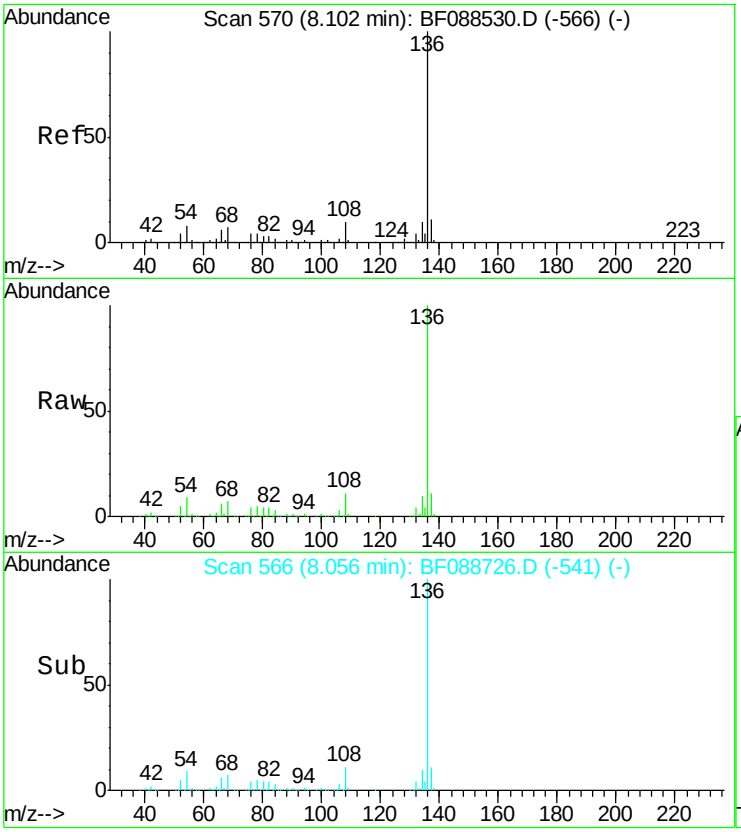


#19
n-Nitroso-di-n-propylamine
Concen: 10.97 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion: 70 Resp: 68318

Ion	Ratio	Lower	Upper
70	100		
42	43.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



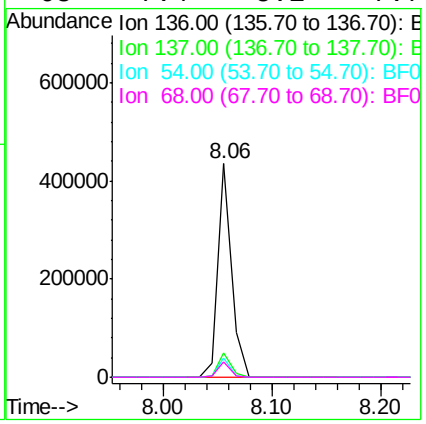


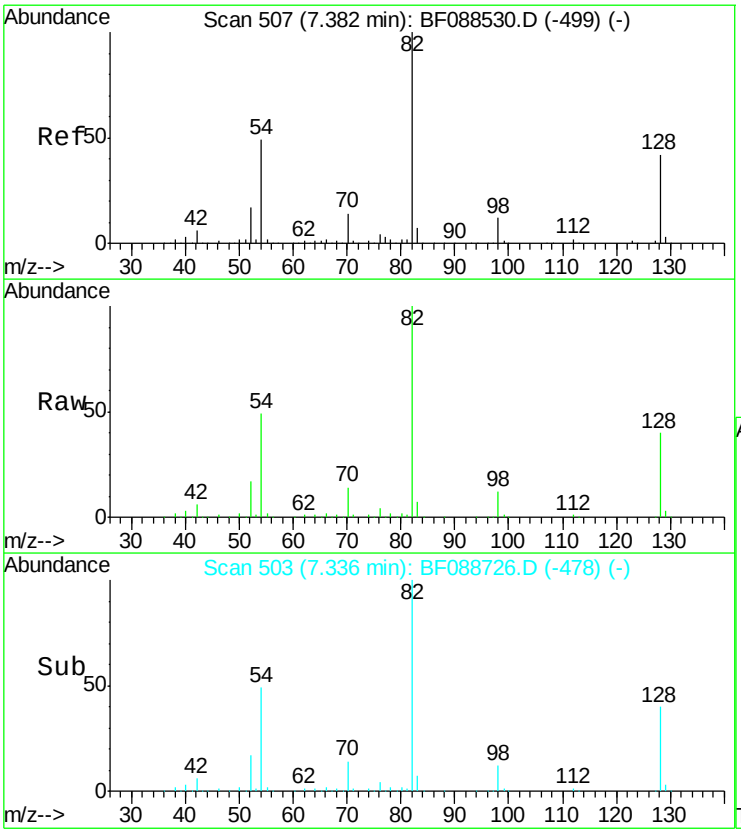
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:136 Resp: 383722

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	6.6	10.0
68	7.4	5.1	7.7

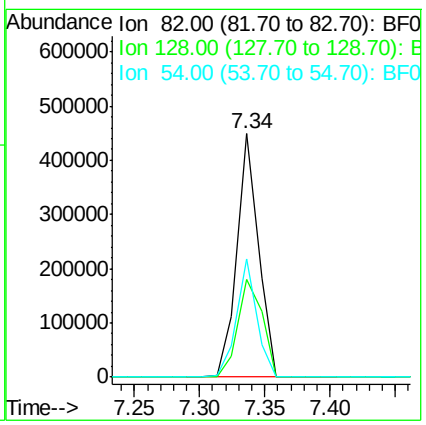


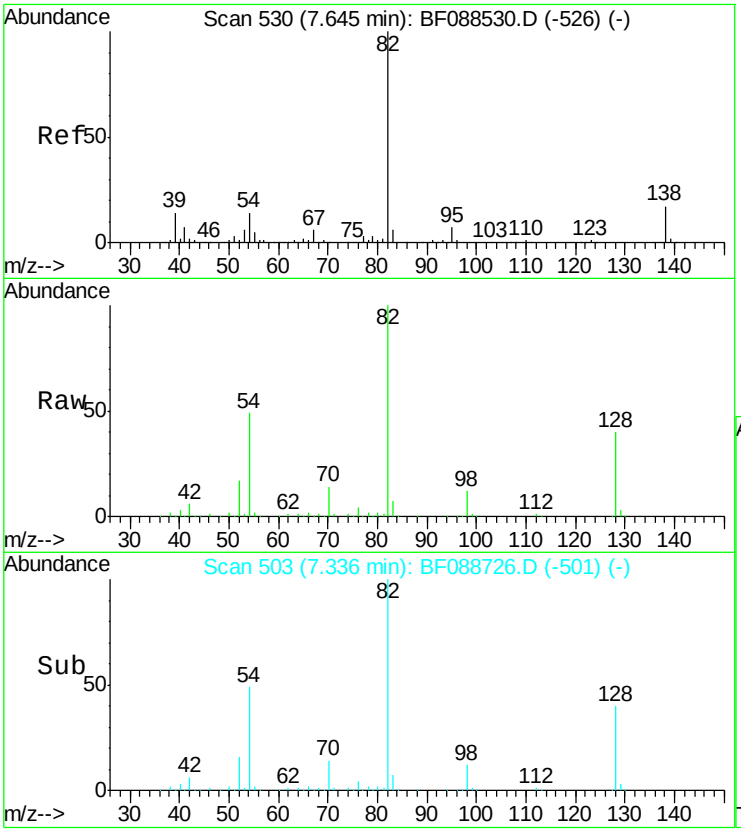


#23
Nitrobenzene-d5
Concen: 70.11 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion: 82 Resp: 513348

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.9	53.9
54	48.8	40.9	61.3



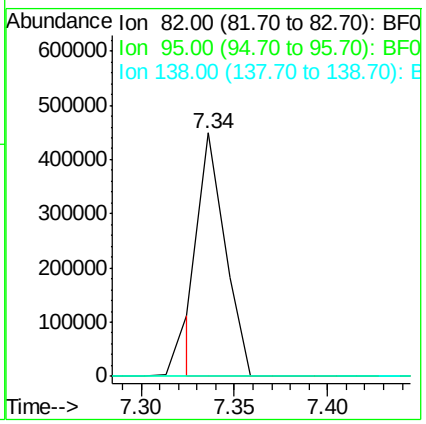


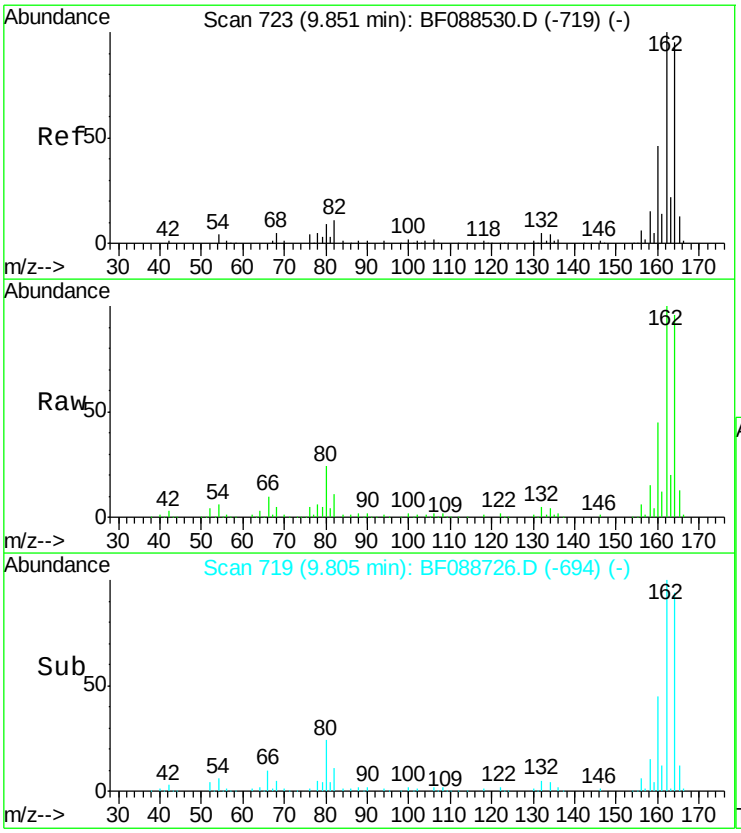
#25
Isophorone
Concen: 32.02 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.27 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion: 82 Resp: 434276

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

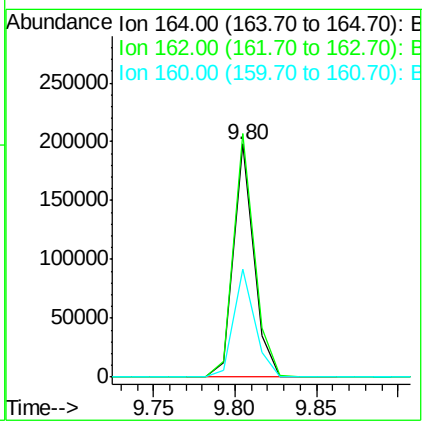


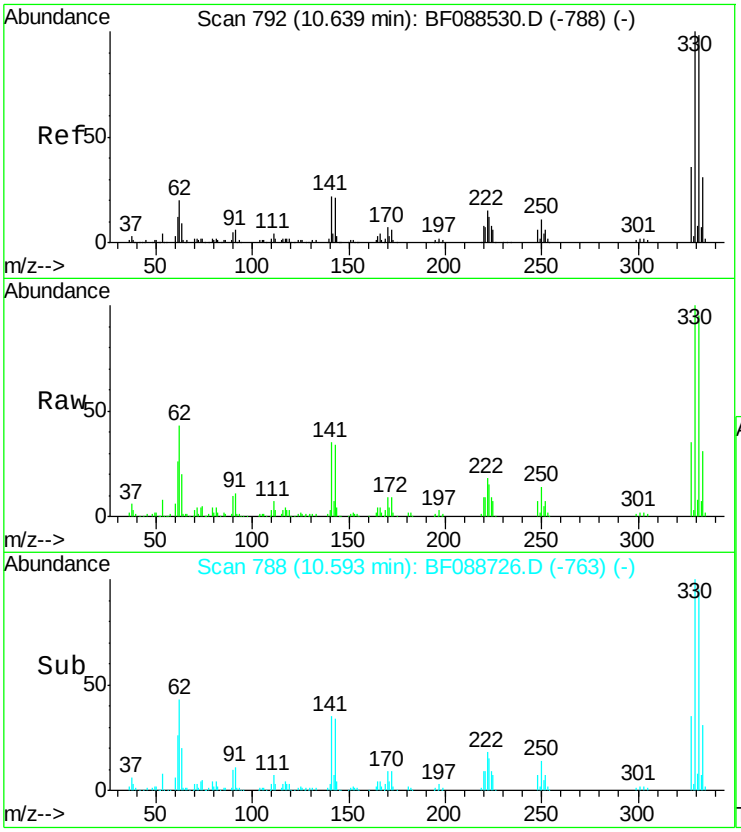


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:164 Resp: 168854

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	46.6	39.5	59.3



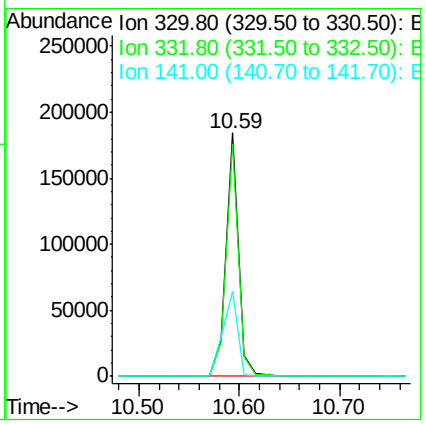


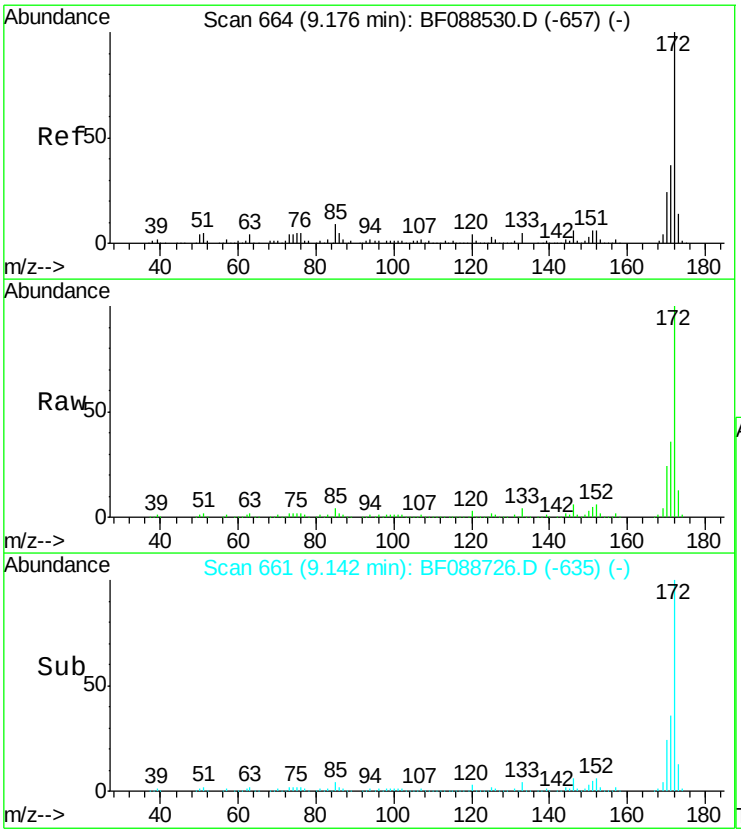
#41
2,4,6-Tribromophenol
Concen: 101.59 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:330 Resp: 159286

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	42.2	0.0	0.0#

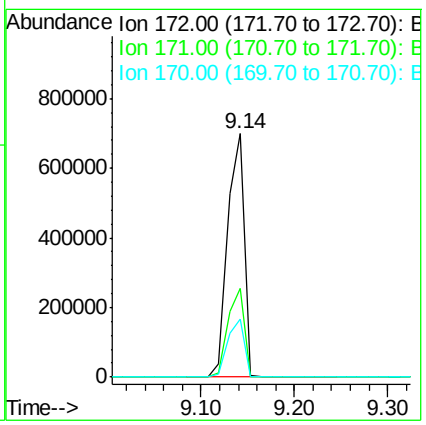


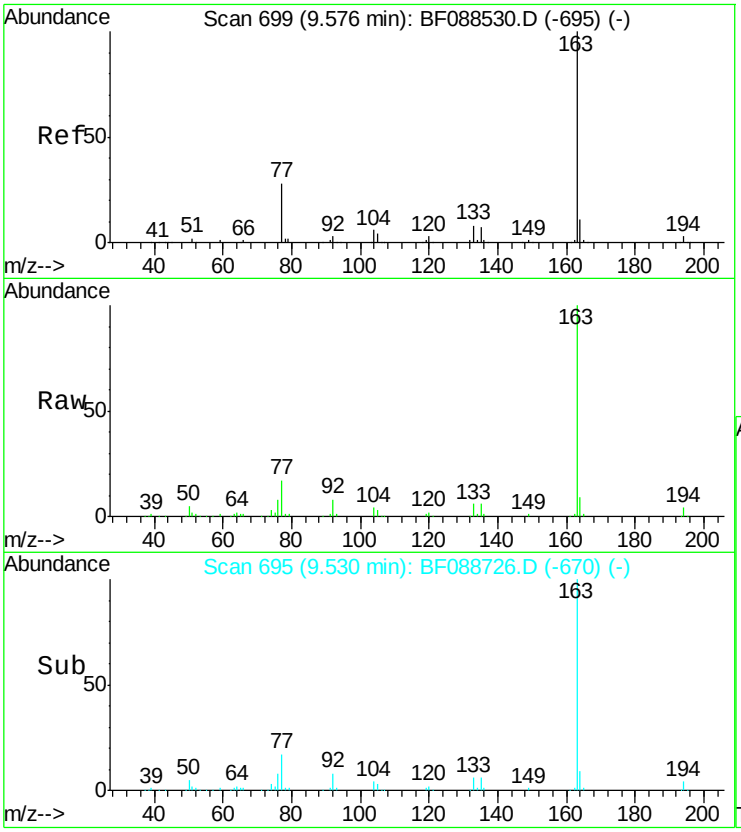


#44
2-Fluorobiphenyl
Concen: 81.90 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:172 Resp: 875464

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.2	28.8



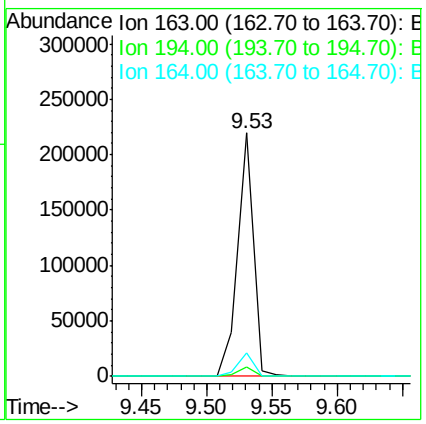


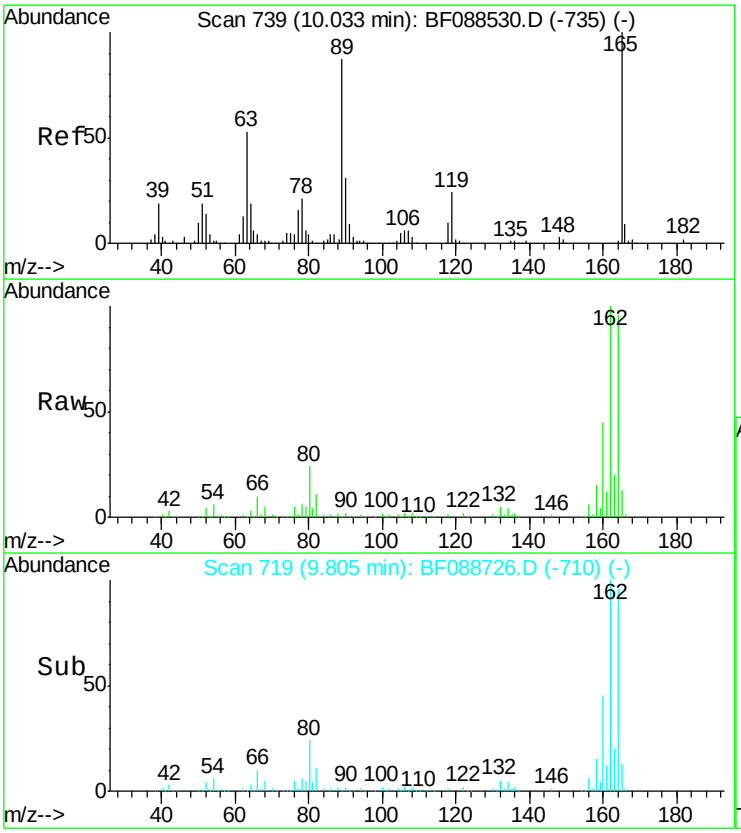
#49
Dimethylphthalate
Concen: 15.24 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:163 Resp: 183376

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.4	8.3	12.5

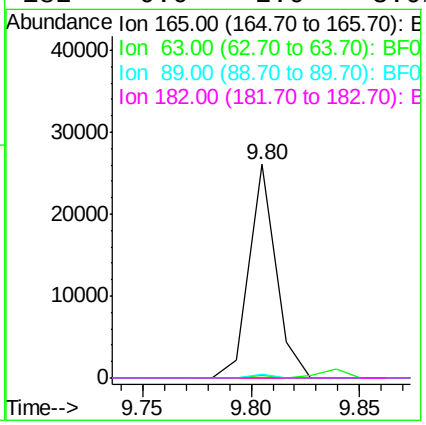


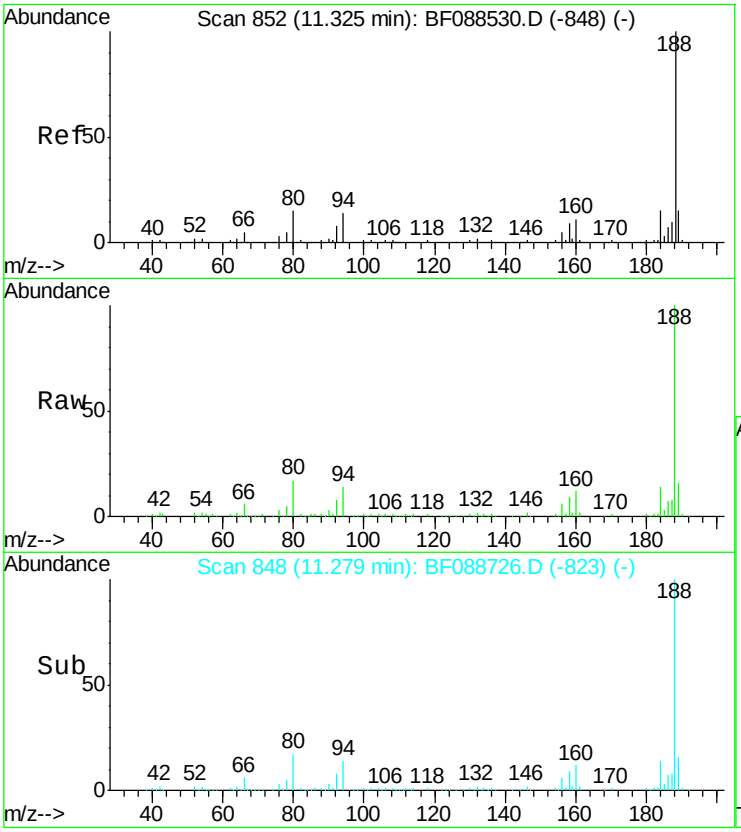


#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.19 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:165 Resp: 22371

Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



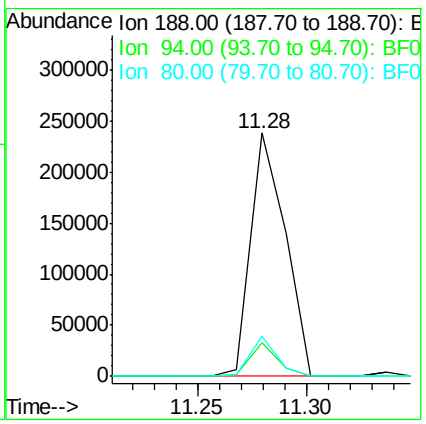


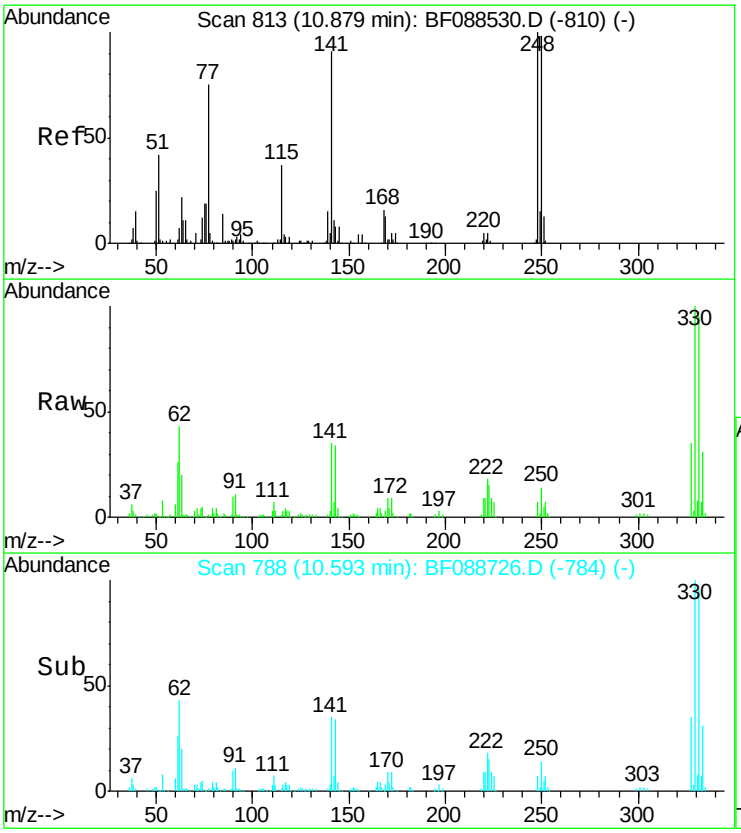
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:188 Resp: 264613

Ion	Ratio	Lower	Upper
188	100		
94	14.0	9.0	13.6#
80	16.6	10.0	15.0#

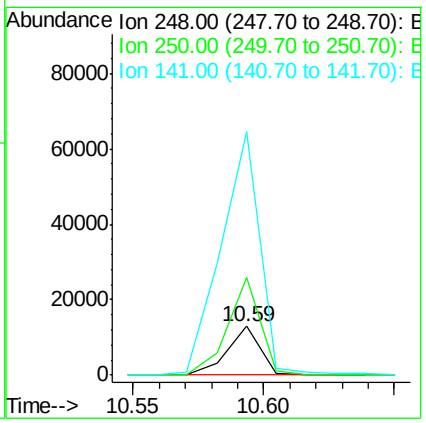


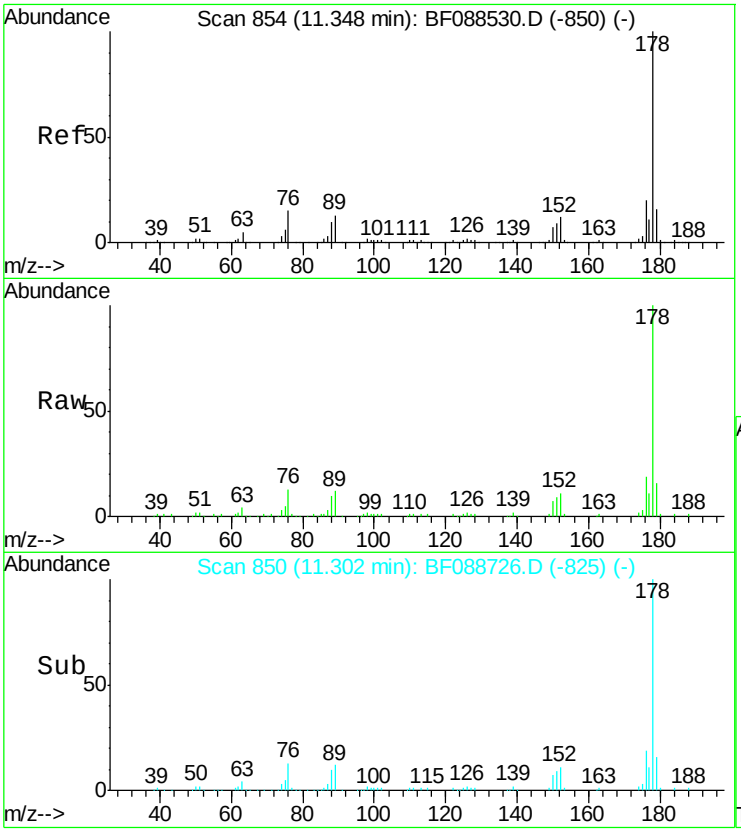


#66
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.25 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:248 Resp: 11360

Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.1	115.7#
141	500.8	50.6	76.0#



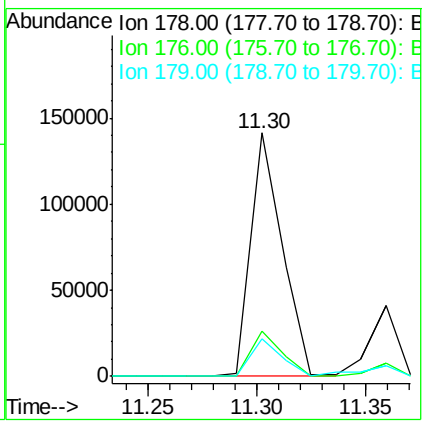


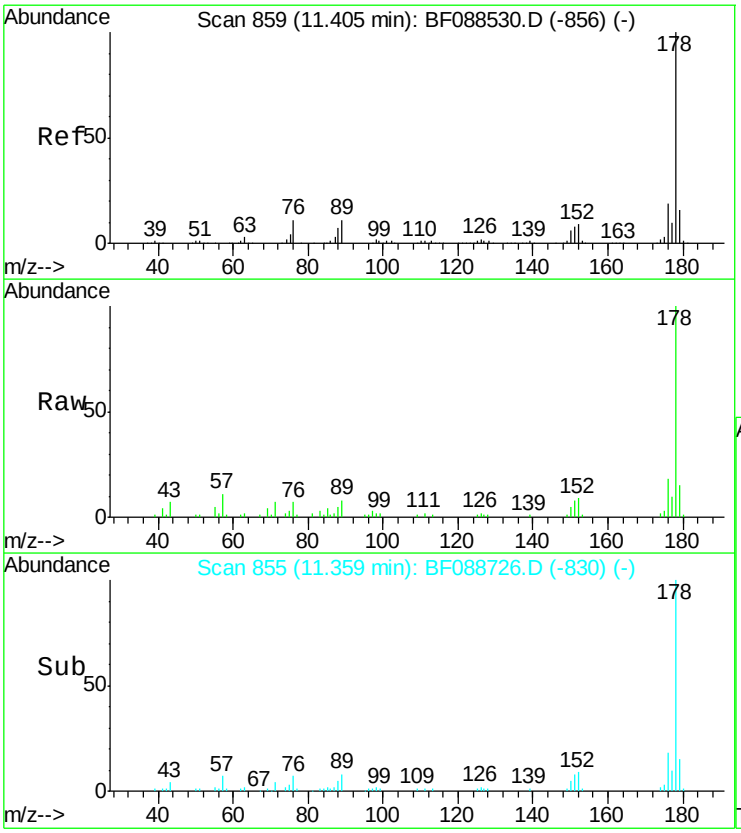
#70
Phenanthrene
Concen: 9.88 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:178 Resp: 142980

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.7	13.0	19.4

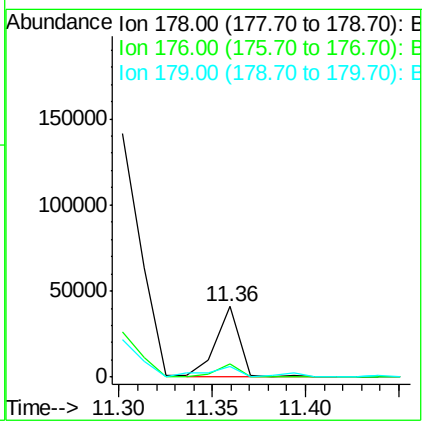


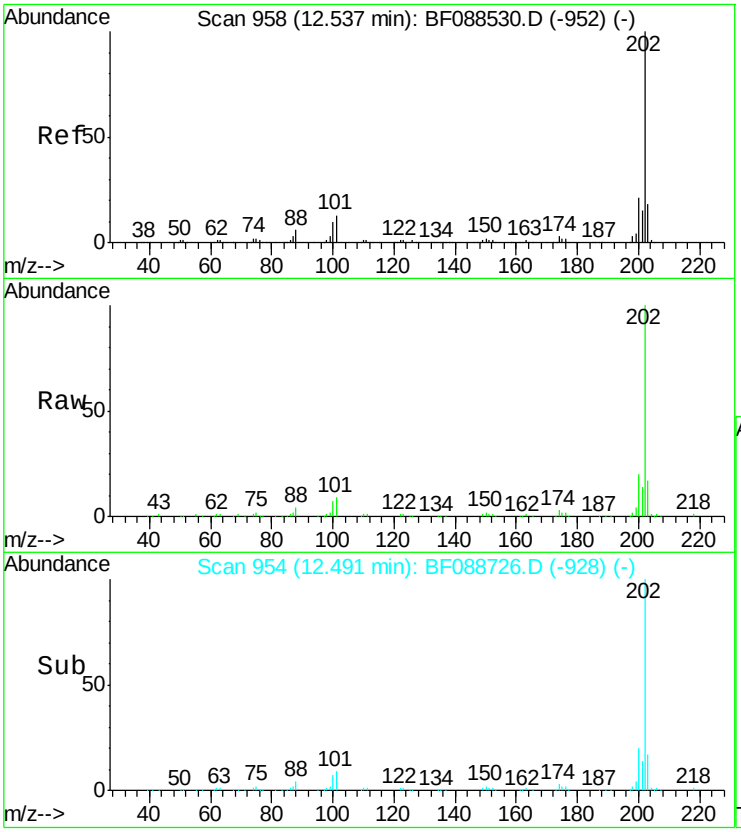


#71
Anthracene
Concen: 2.55 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:178 Resp: 36667

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	14.6	12.8	19.2



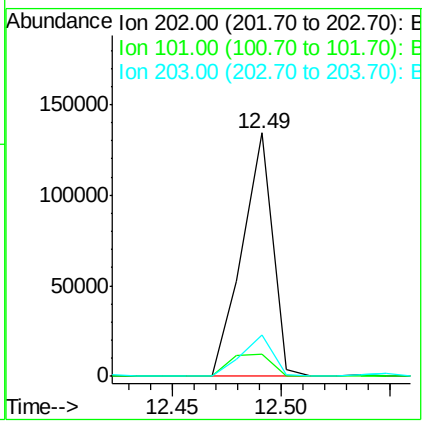


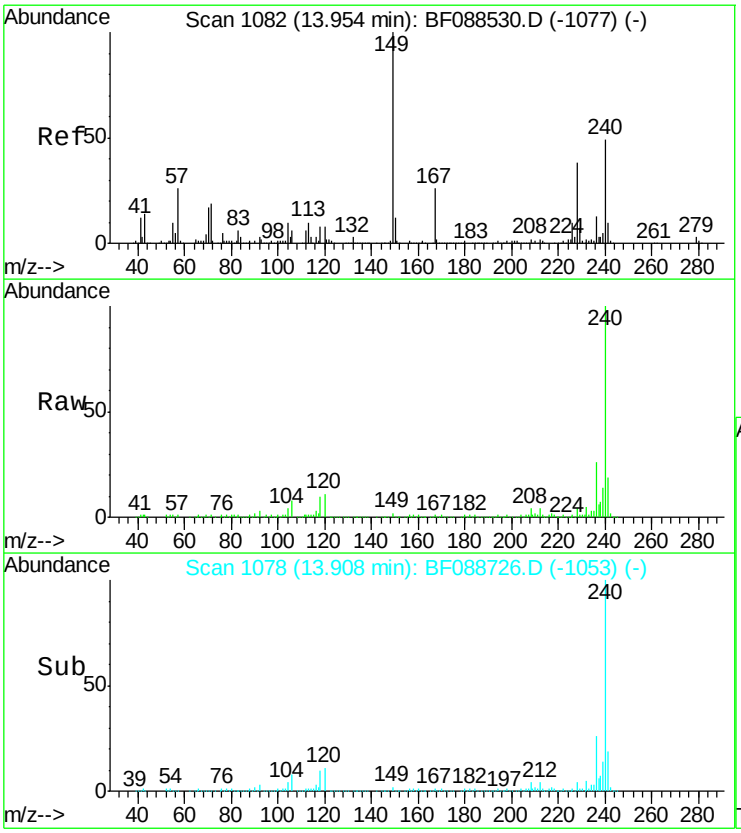
#74
Fluoranthene
Concen: 8.94 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:202 Resp: 131088

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	33.1
203	17.1	0.0	38.1

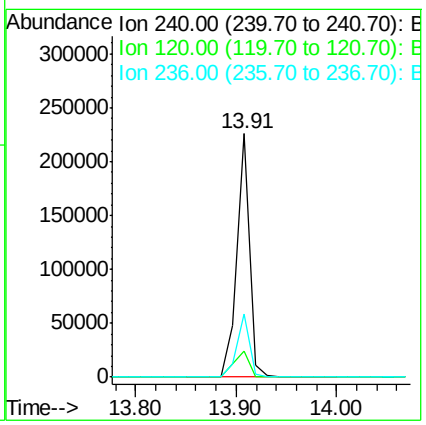


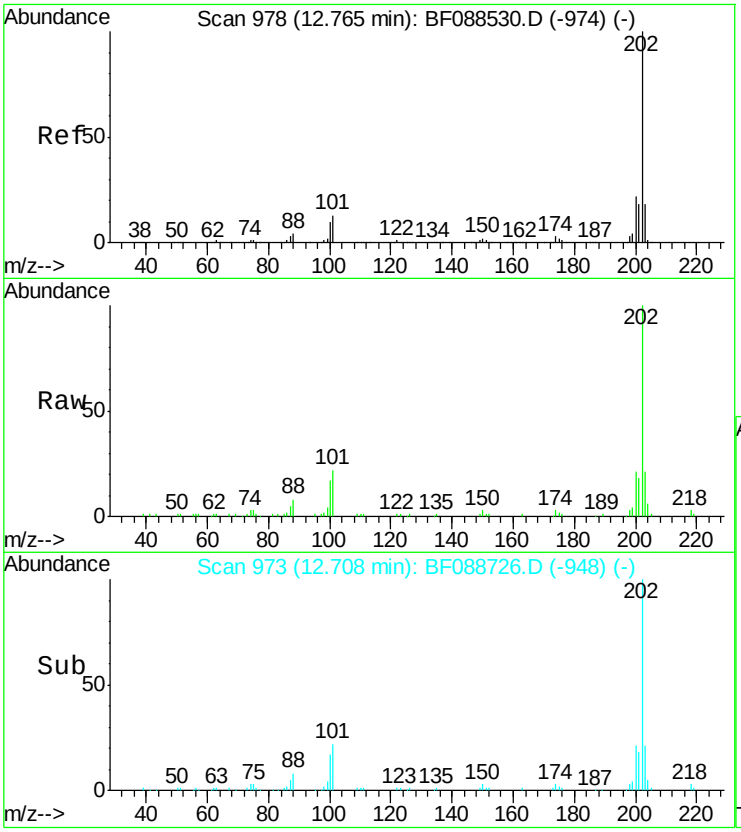


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:240 Resp: 197864

Ion	Ratio	Lower	Upper
240	100		
120	10.5	6.8	10.2#
236	25.9	20.2	30.2



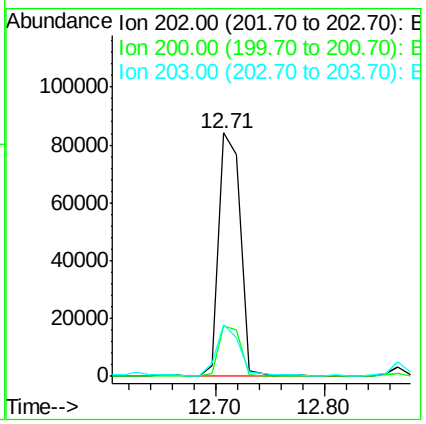


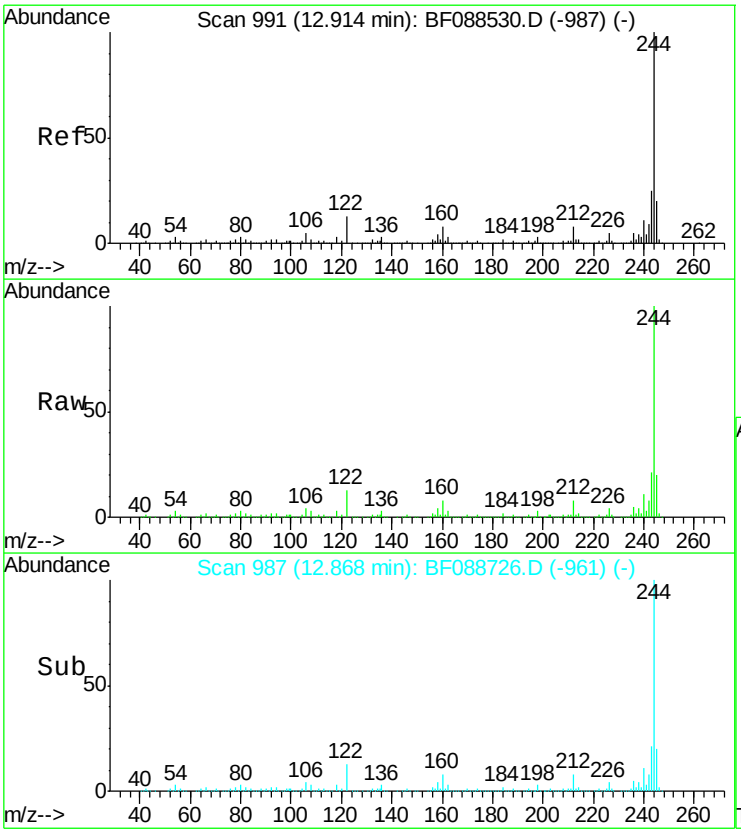
#77
Pyrene
Concen: 6.91 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:202 Resp: 116007

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	21.3	14.5	21.7

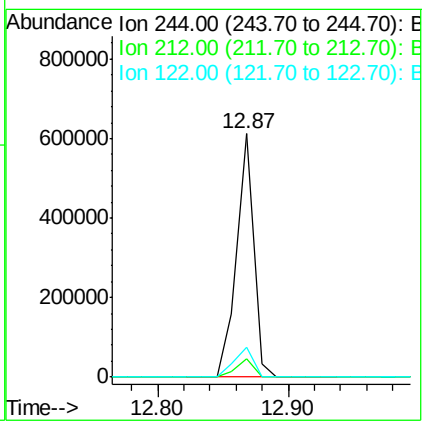


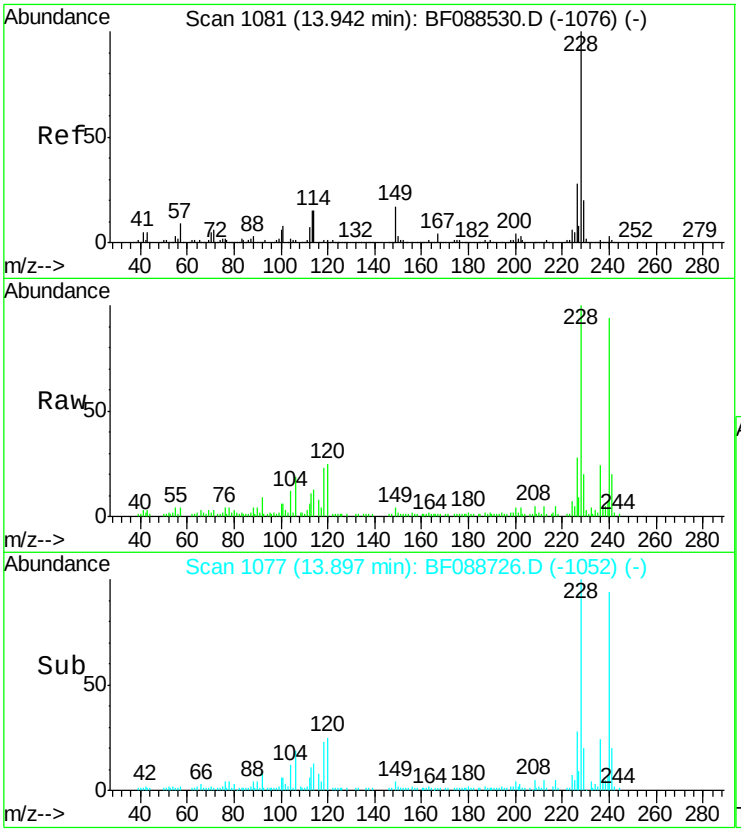


#78
Terphenyl-d14
Concen: 62.33 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:244 Resp: 553746

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.5	11.2	16.8



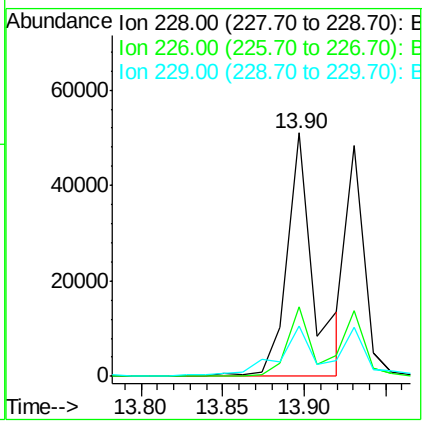


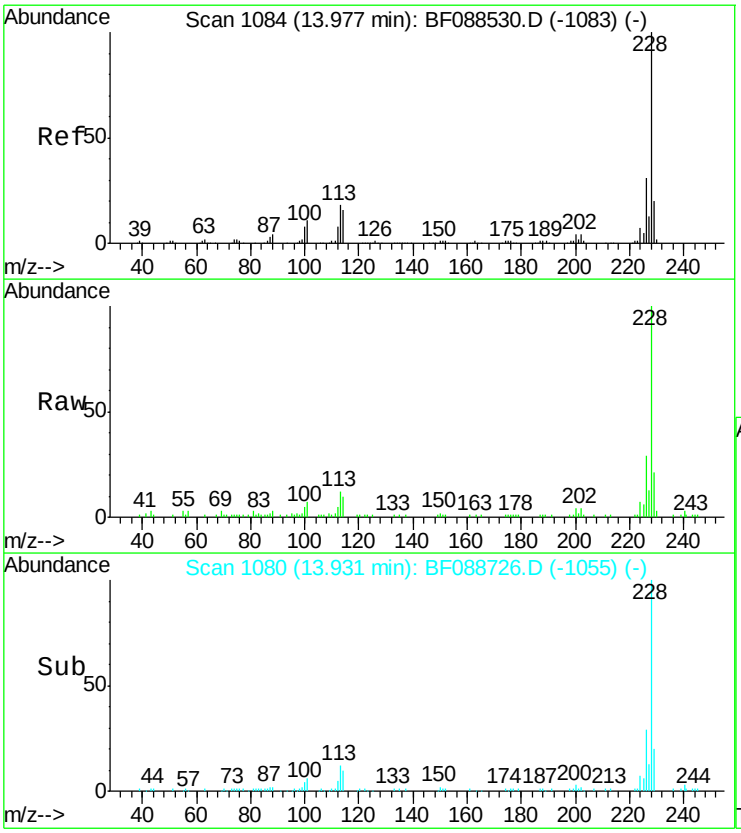
#80
Benzo(a)anthracene
Concen: 4.57 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:228 Resp: 58243

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.5	16.0	24.0

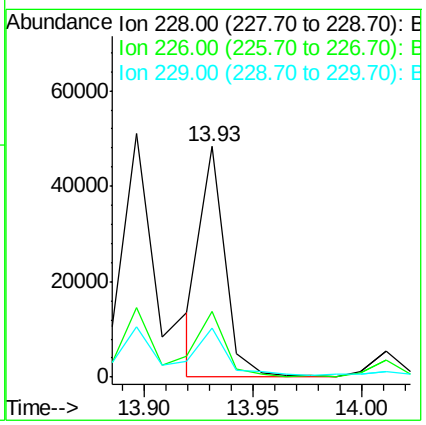


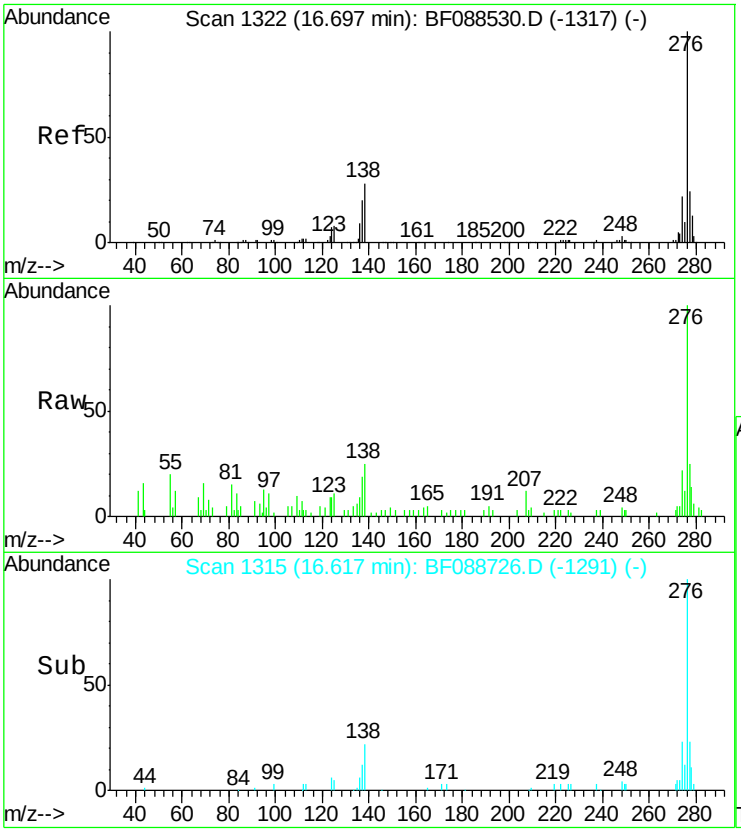


#82
Chrysene
Concen: 2.98 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:228 Resp: 37555

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.4	38.2
229	21.4	16.3	24.5



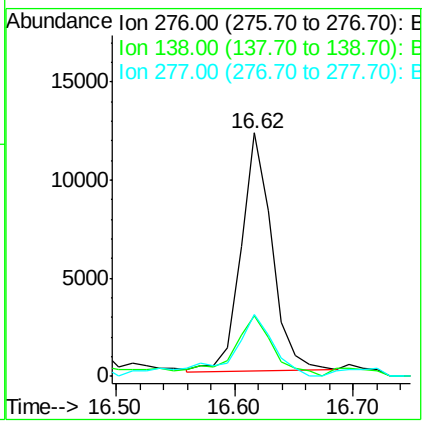


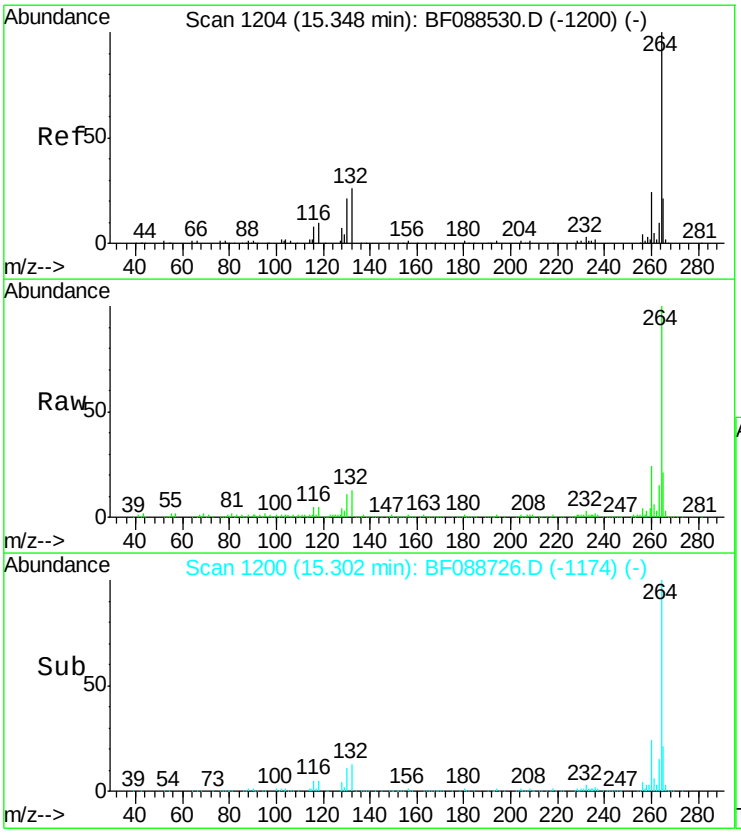
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.28 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:276 Resp: 22098

Ion	Ratio	Lower	Upper
276	100		
138	33.4	0.0	0.0#
277	37.6	0.0	0.0#

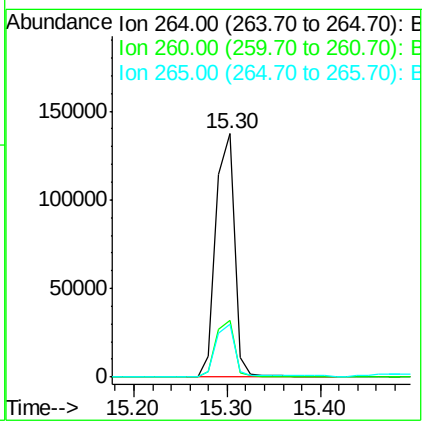


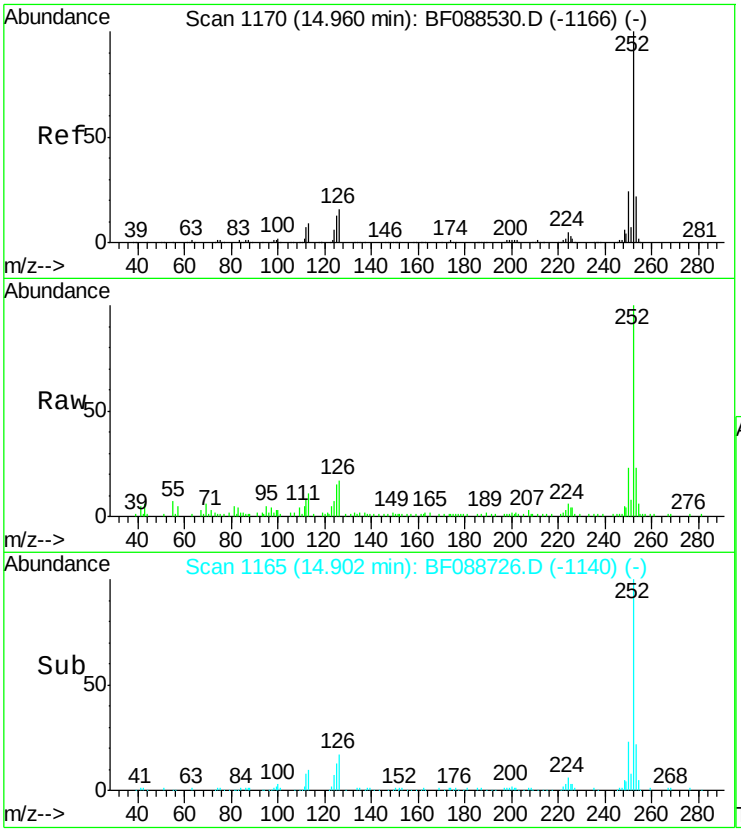


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:264 Resp: 193099

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3



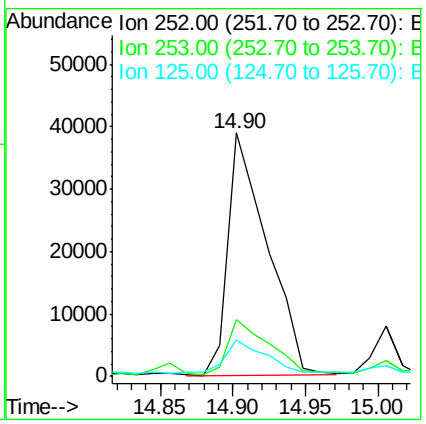


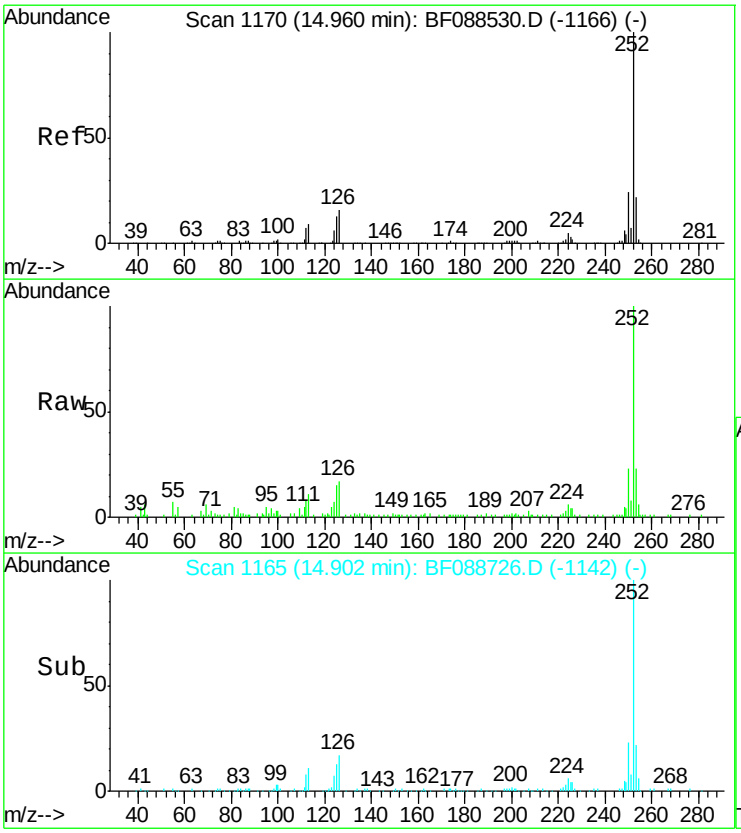
#87
Benzo(b)fluoranthene
Concen: 6.05 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:252 Resp: 73255

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.9	7.1	10.7#

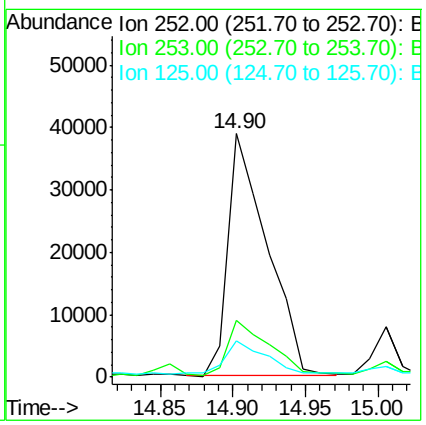


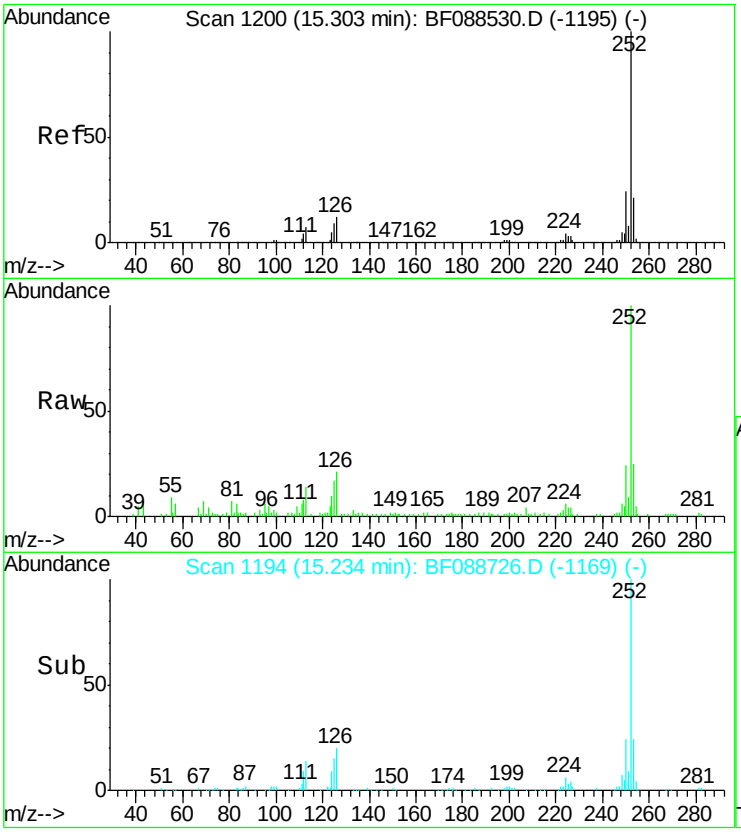


#88
Benzo(k)fluoranthene
Concen: 6.85 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:252 Resp: 72262

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.9	11.2	16.8



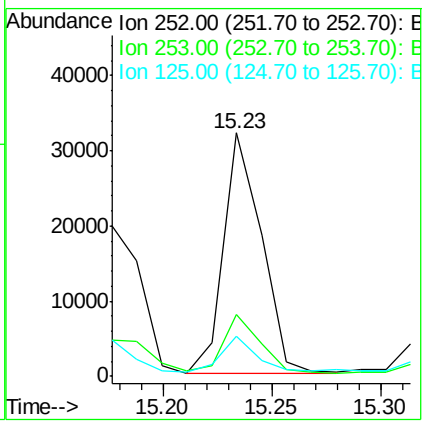


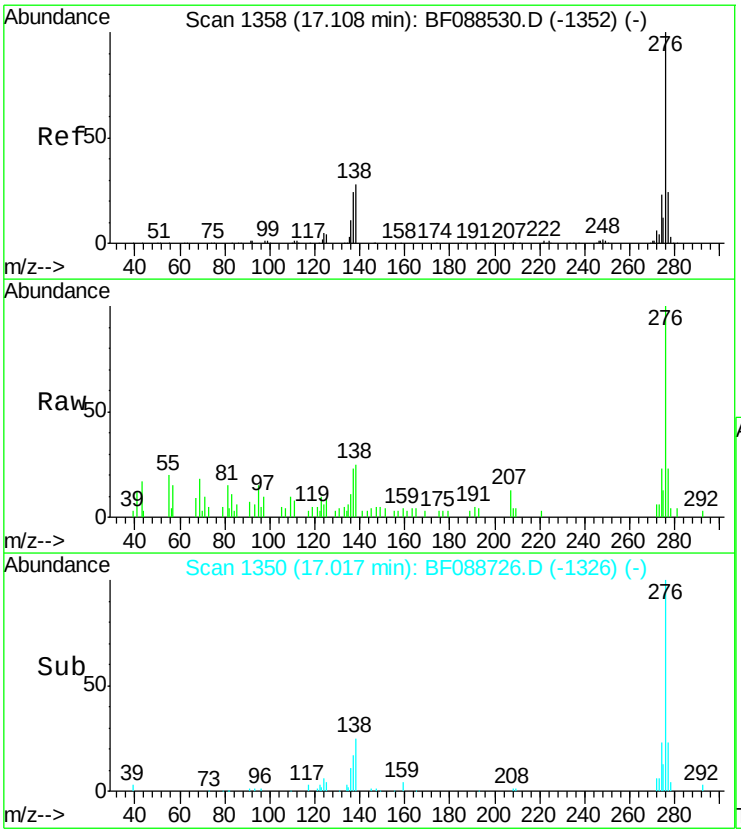
#89
Benzo(a)pyrene
Concen: 3.81 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Instrument :
BNA_F
ClientSampleId :
Q5-B1-0-11-C

Tgt Ion:252 Resp: 39050

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	16.5	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088726.D
Acq: 6 Jul 2016 2:33

Tgt Ion:276 Resp: 21966

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	25.3	21.4	32.2