Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
Data File : BF088760.D
Acq On : 7 Jul 2016 3:49
Operator : UM/SJ
Sample : H3879-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C2.1-04

Quant Time: Jul 07 06:40:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 01:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	92847	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	381677	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	164186	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	262792	20.00	ng		0.00
75) Chrysene-d12	13.89	240	189404	20.00	ng		0.00
86) Perylene-d12	15.27	264	179599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	566999	91.52	ng		0.00
7) Phenol-d6	6.39	99	667665	83.41	ng		0.00
23) Nitrobenzene-d5	7.31	82	425717	58.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	152561	100.06	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	766013	73.70	ng		-0.01
78) Terphenyl-d14	12.85	244	543907	63.96	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	58922	10.96	ng	#	72
25) Isophorone	7.31	82	329522	24.42	ng	#	65
49) Dimethylphthalate	9.51	163	110279	9.43	ng		99
56) 2,4-Dinitrotoluene	9.78	165	21749	6.42	ng	#	38
66) 4-Bromophenyl-phenylether	10.57	248	9826	3.71	ng	#	1
70) Phenanthrene	11.28	178	53197	3.70	ng		99
71) Anthracene	11.32	178	39290	2.75	ng		97
74) Fluoranthene	12.47	202	225040	15.45	ng		92
77) Pyrene	12.68	202	218750	13.62	ng		98
80) Benzo(a)anthracene	13.91	228	128178	10.51	ng		96
82) Chrysene	13.91	228	128040	10.61	ng		97
85) Indeno(1,2,3-cd)pyrene	16.57	276	71653	7.72	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	269198	23.89	ng	#	93
88) Benzo(k)fluoranthene	14.88	252	269198	27.45	ng		98
89) Benzo(a)pyrene	15.21	252	85066	8.92	ng		96
90) Dibenzo(a,h)anthracene	16.58	278	17254	2.17	ng	#	87
91) Benzo(g,h,i)perylene	16.97	276	65778	7.98	ng		98

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

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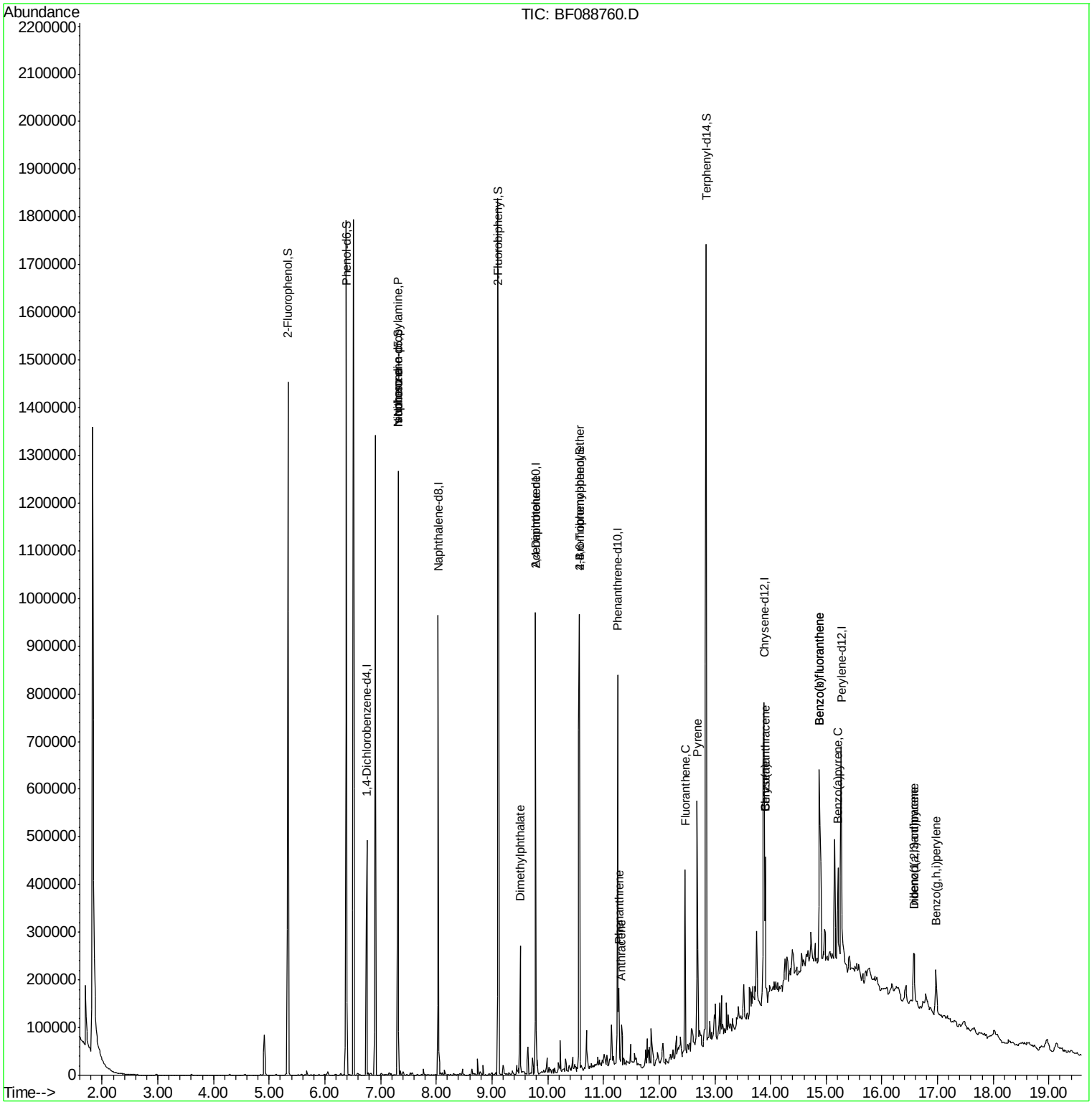
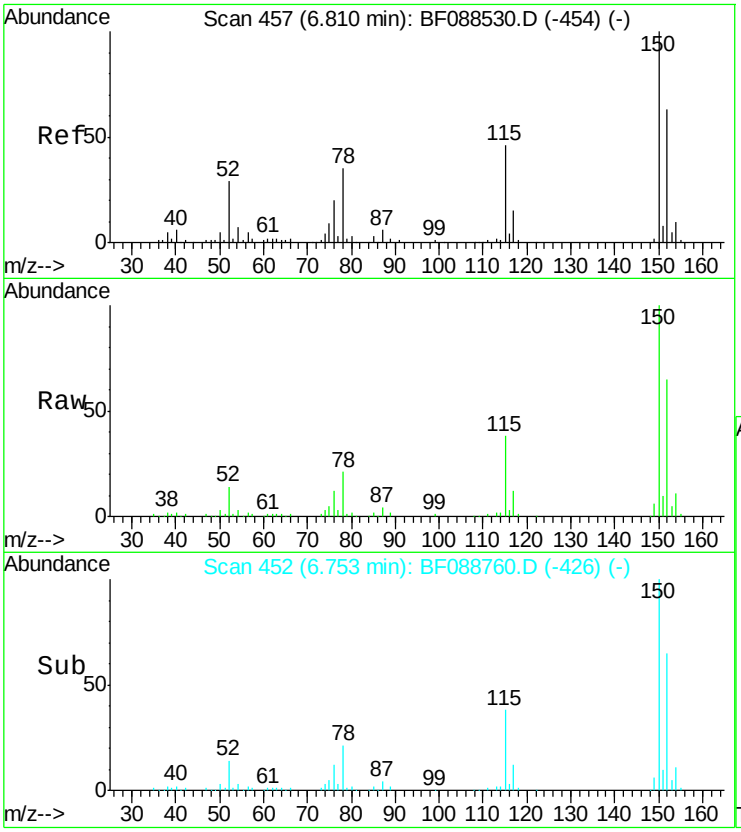


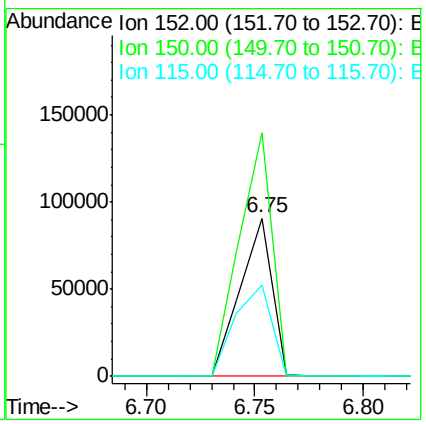


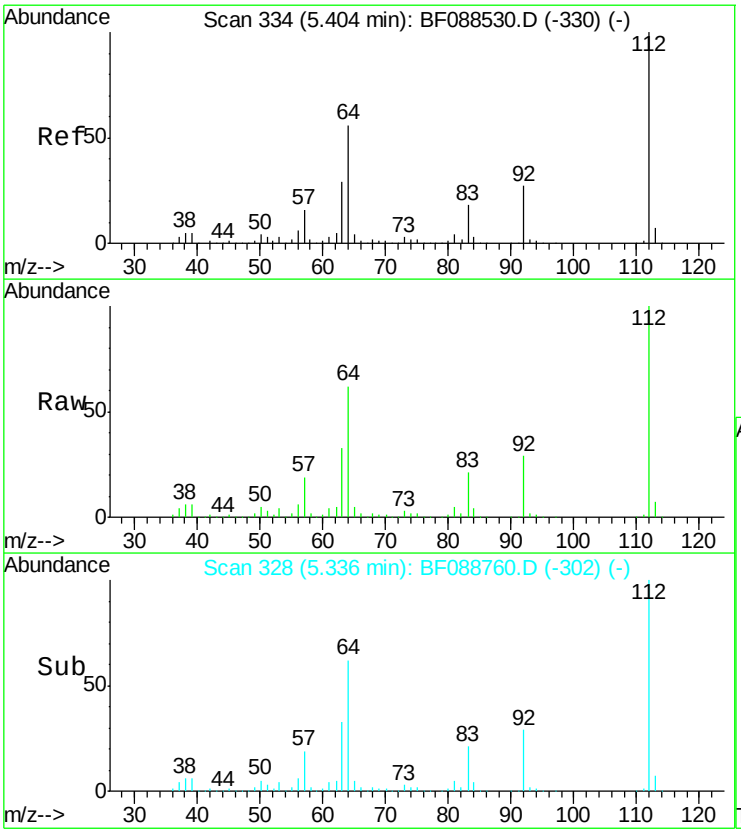
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:152 Resp: 92847

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	57.6	39.6	59.4

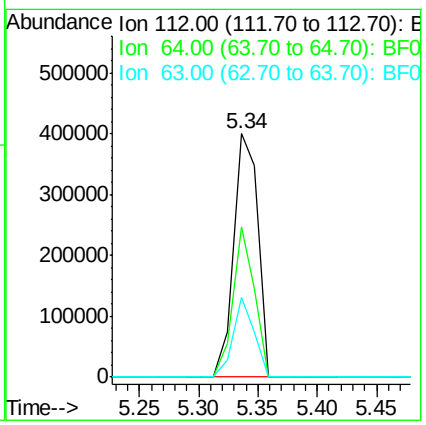


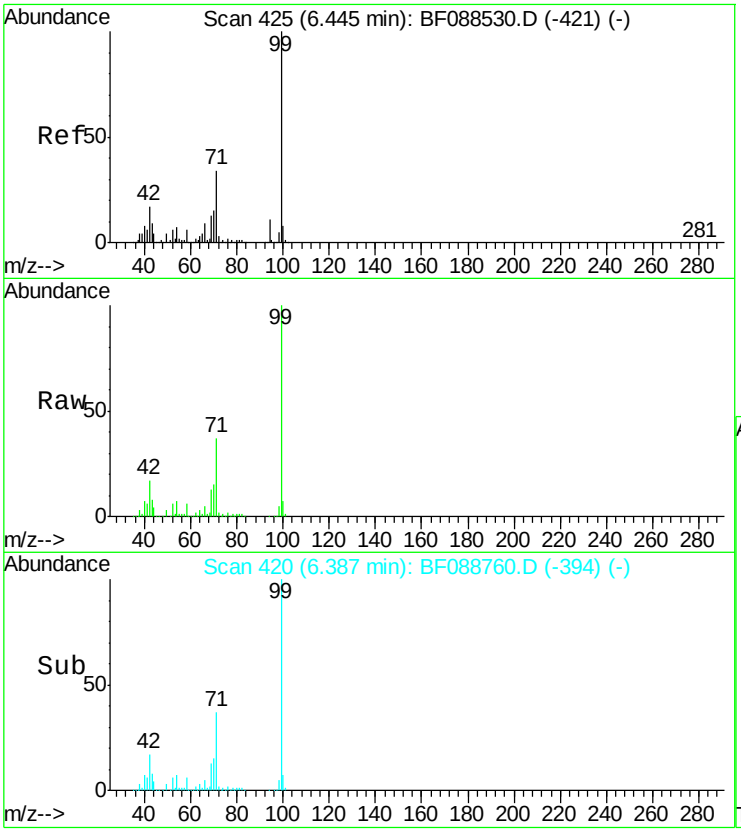


#5
2-Fluorophenol
Concen: 91.52 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:112 Resp: 566999

Ion	Ratio	Lower	Upper
112	100		
64	61.9	42.2	63.2
63	33.0	21.8	32.8#



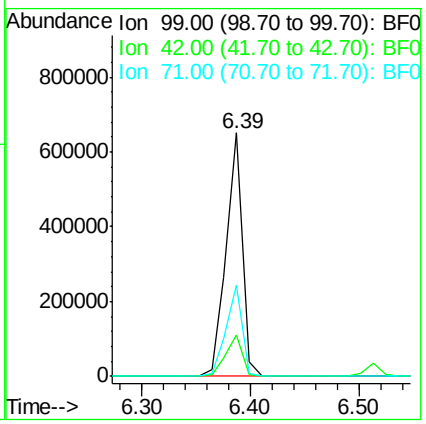


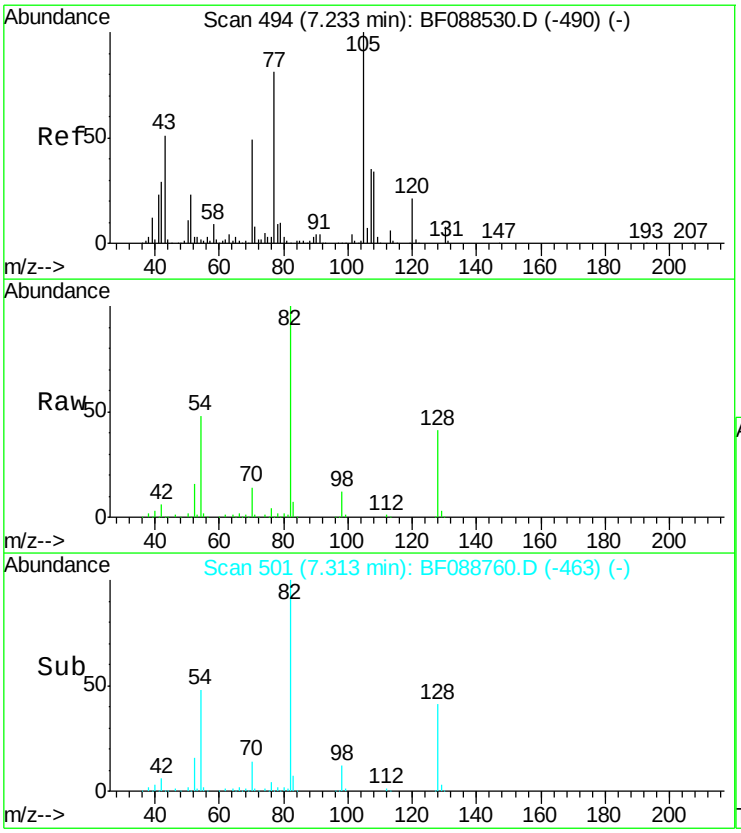
#7
Phenol-d6
Concen: 83.41 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion: 99 Resp: 667665

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	37.3	23.4	35.0#

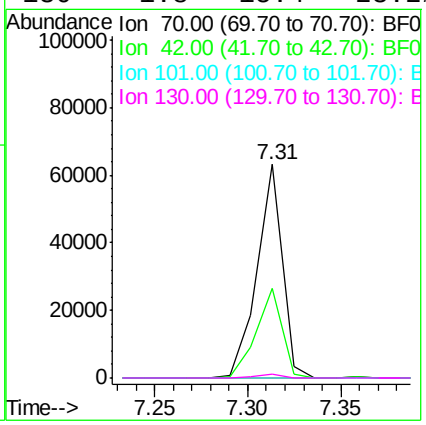


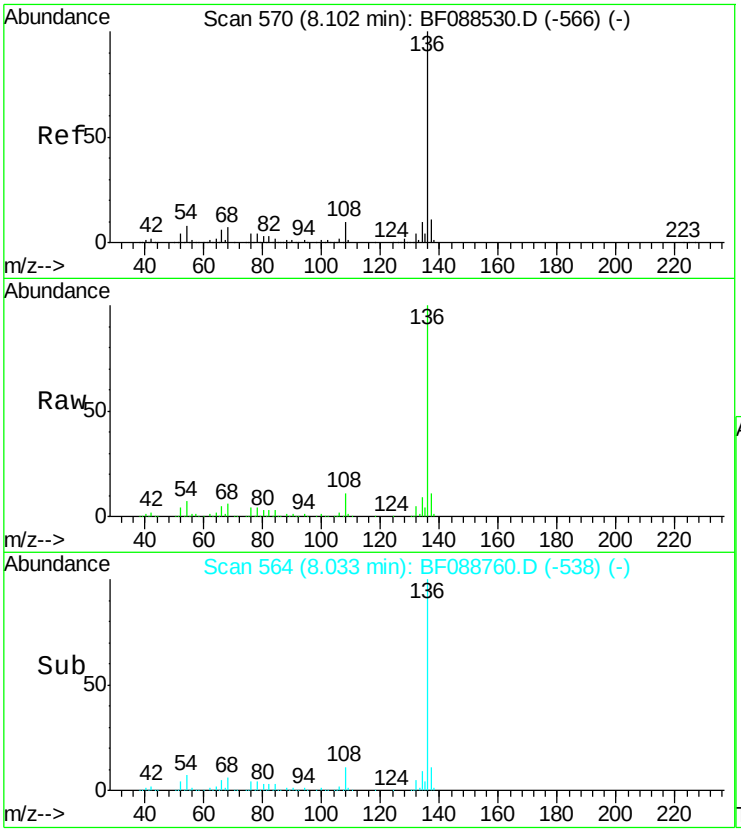


#19
n-Nitroso-di-n-propylamine
Concen: 10.96 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.14 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion: 70 Resp: 58922

Ion	Ratio	Lower	Upper
70	100		
42	42.1	49.6	74.4#
101	0.0	7.1	10.7#
130	1.8	15.4	23.2#



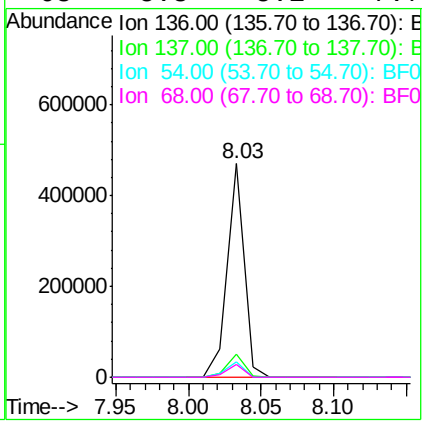


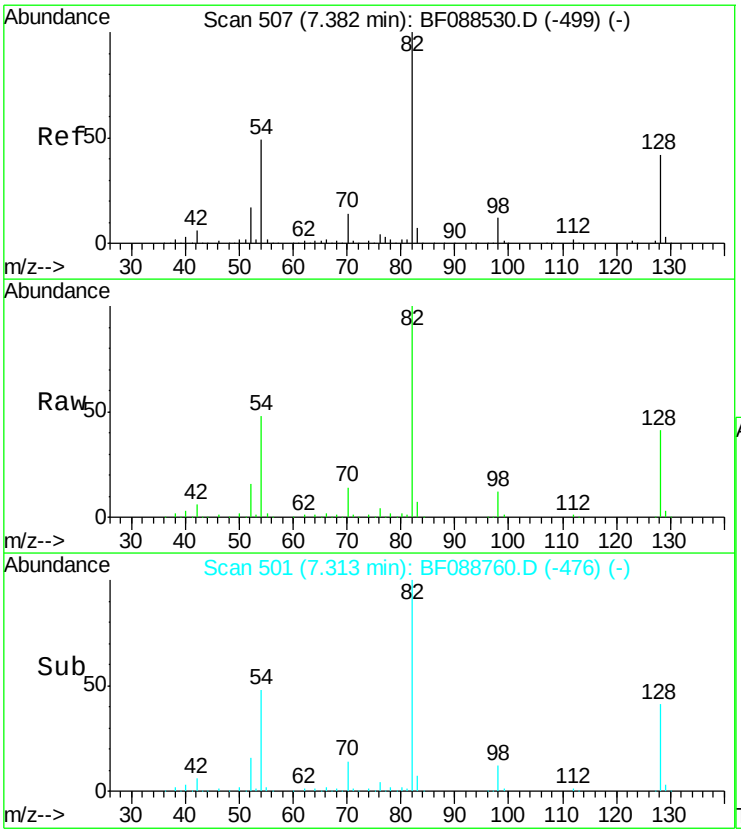
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:136 Resp: 381677

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.3	6.6	10.0
68	5.8	5.1	7.7

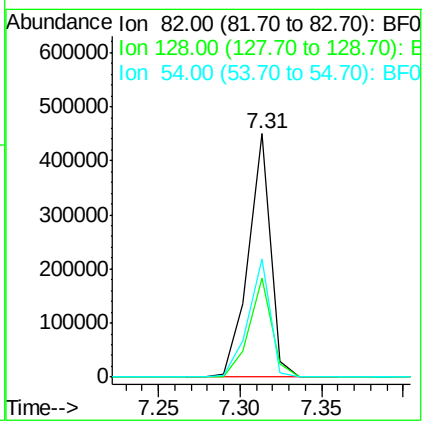


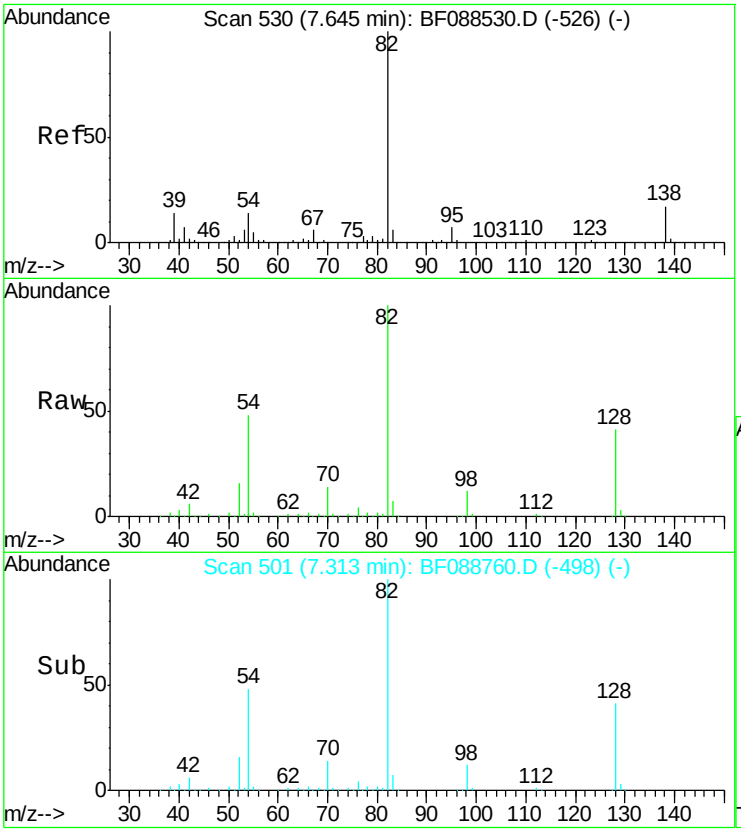


#23
Nitrobenzene-d5
Concen: 58.45 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion: 82 Resp: 425717

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.9	53.9
54	48.4	40.9	61.3



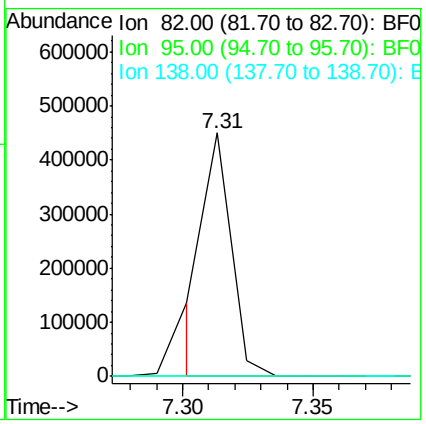


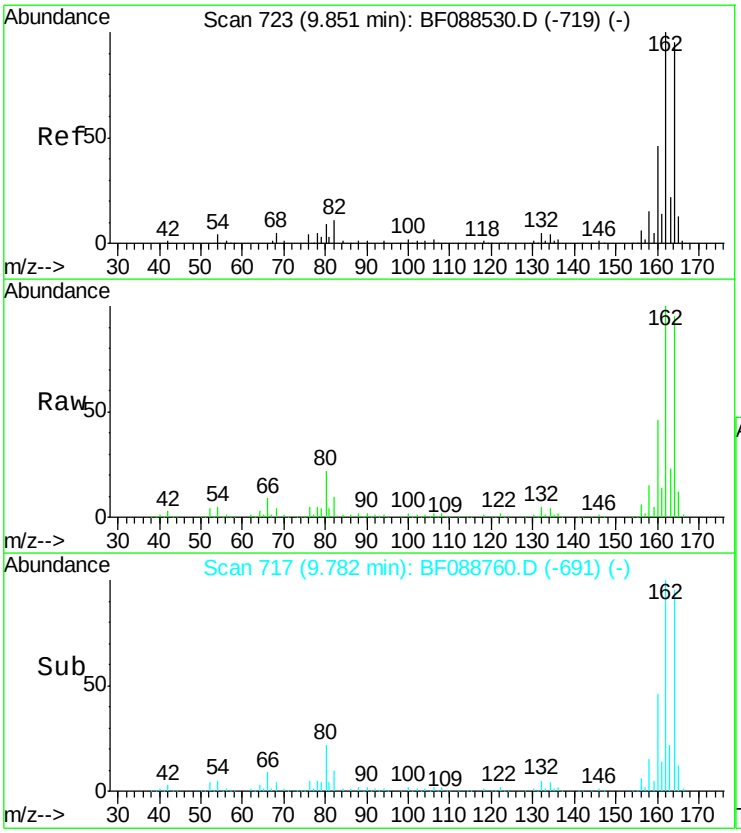
#25
Isophorone
Concen: 24.42 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.26 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion: 82 Resp: 329522

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

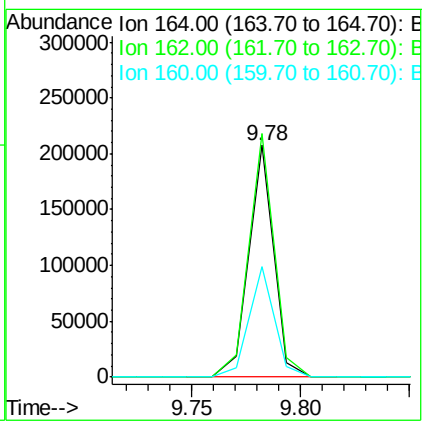


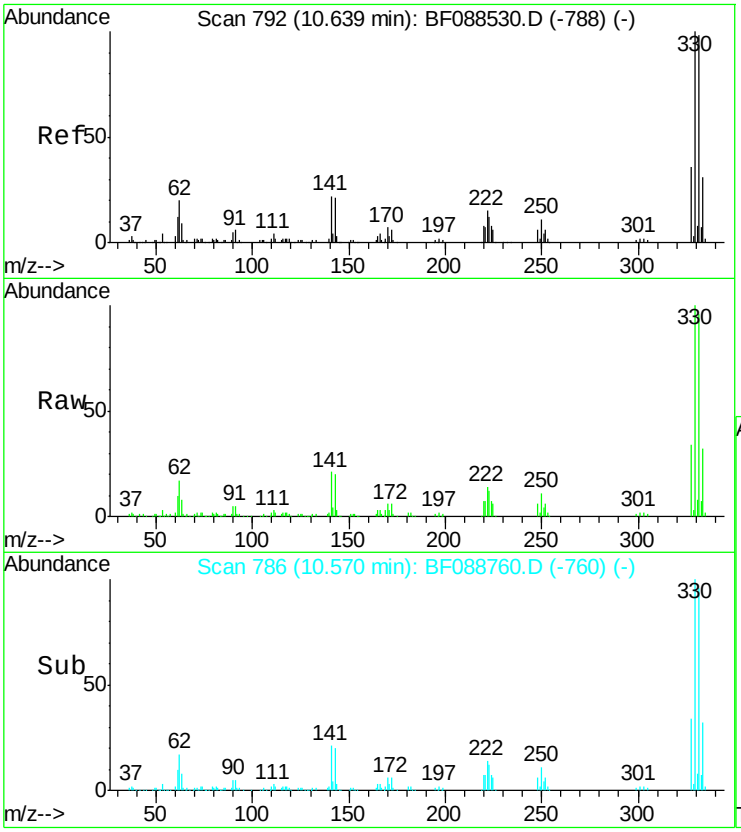


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:164 Resp: 164186

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.9	39.5	59.3



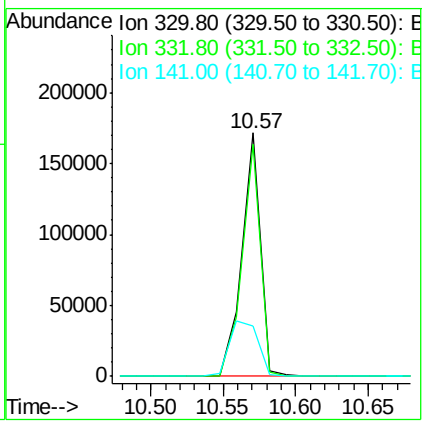


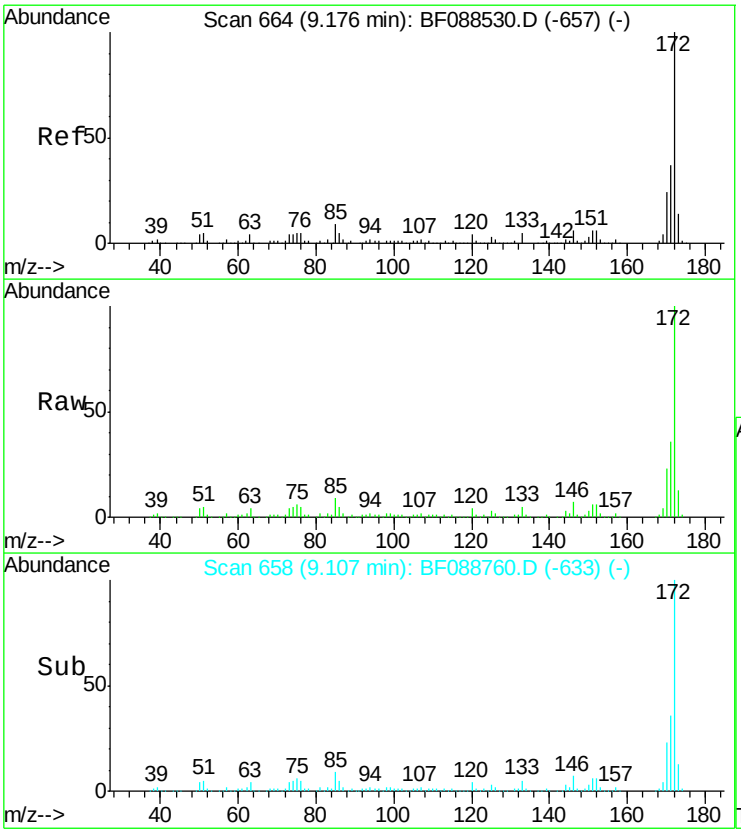
#41
2,4,6-Tribromophenol
Concen: 100.06 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:330 Resp: 152561

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	36.1	0.0	0.0#

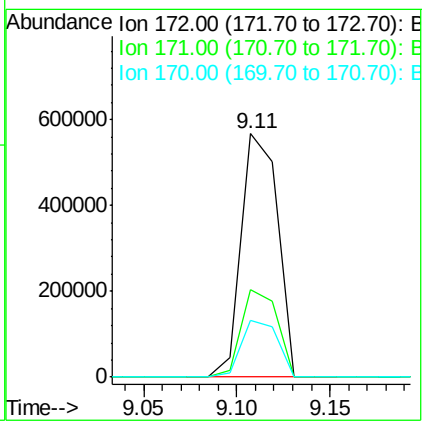


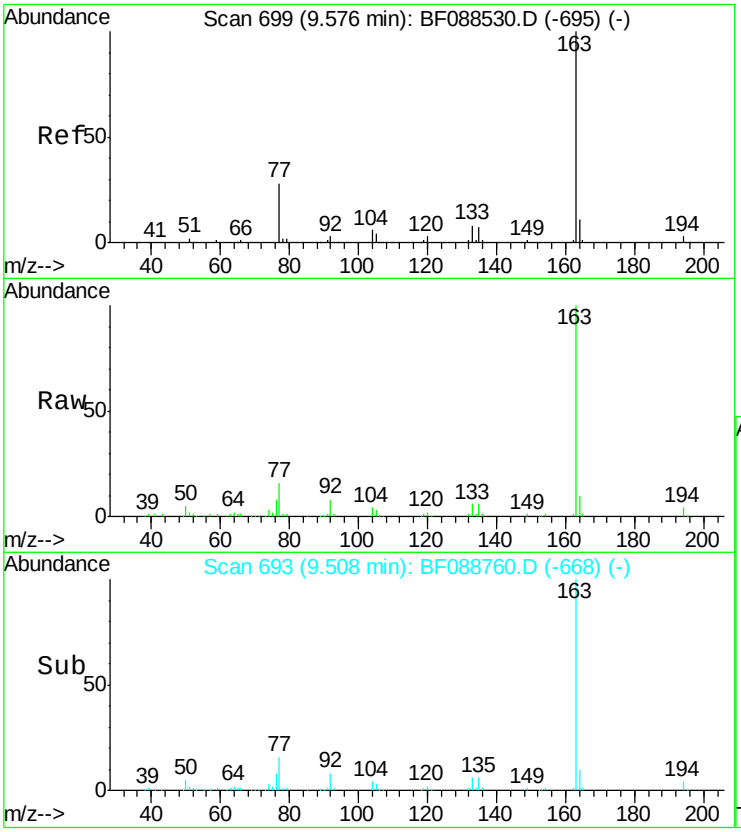


#44
2-Fluorobiphenyl
Concen: 73.70 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:172 Resp: 766013

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.5	19.2	28.8



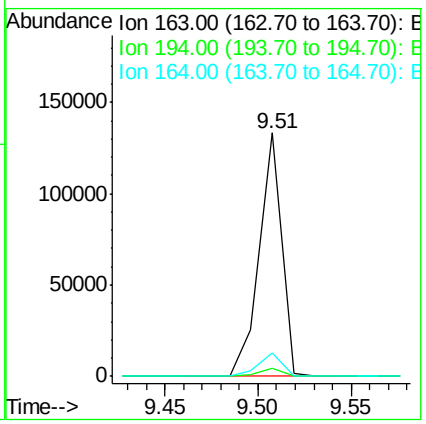


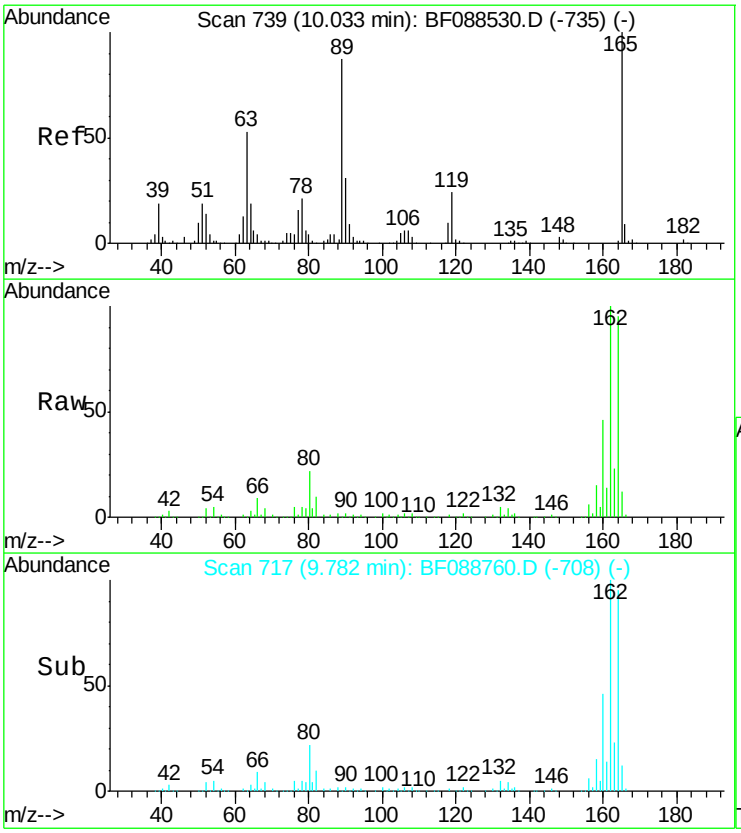
#49
Dimethylphthalate
Concen: 9.43 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:163 Resp: 110279

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.3	12.5

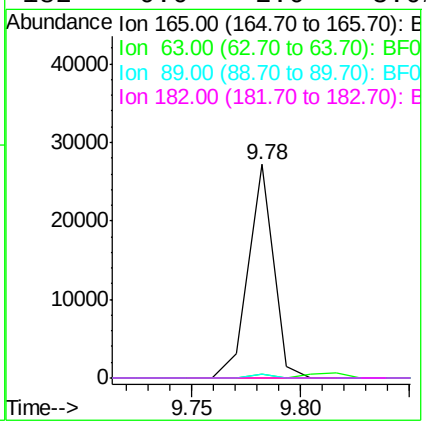


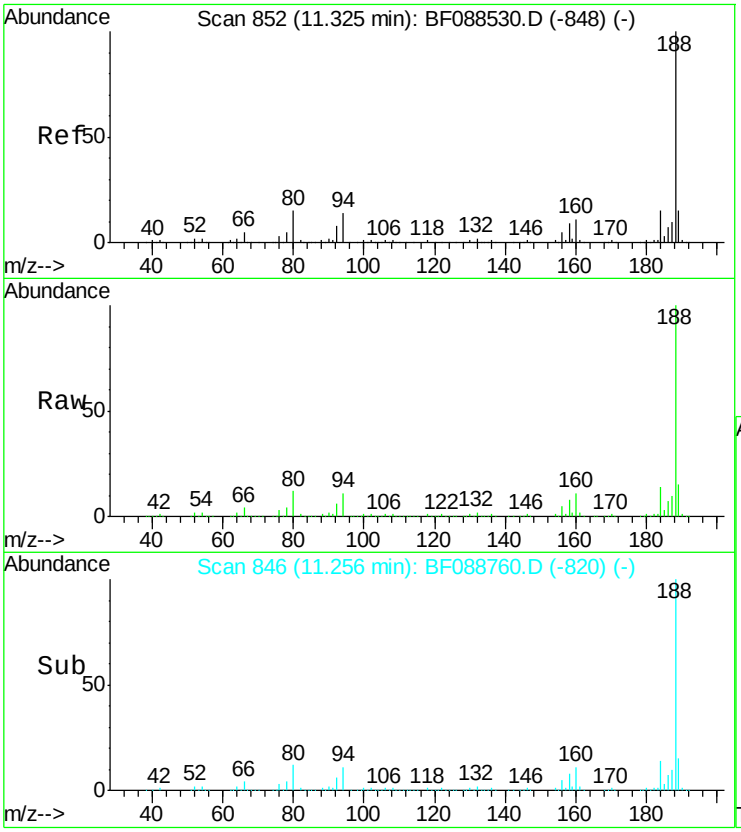


#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.19 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:165 Resp: 21749

Ion	Ratio	Lower	Upper
165	100		
63	1.8	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



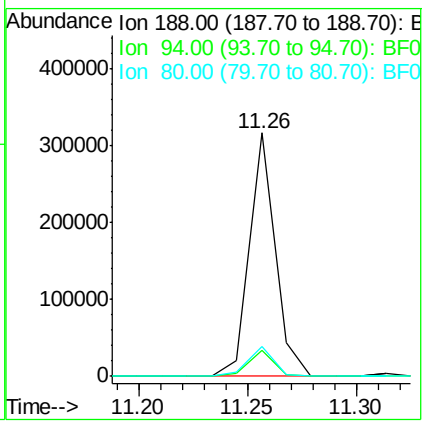


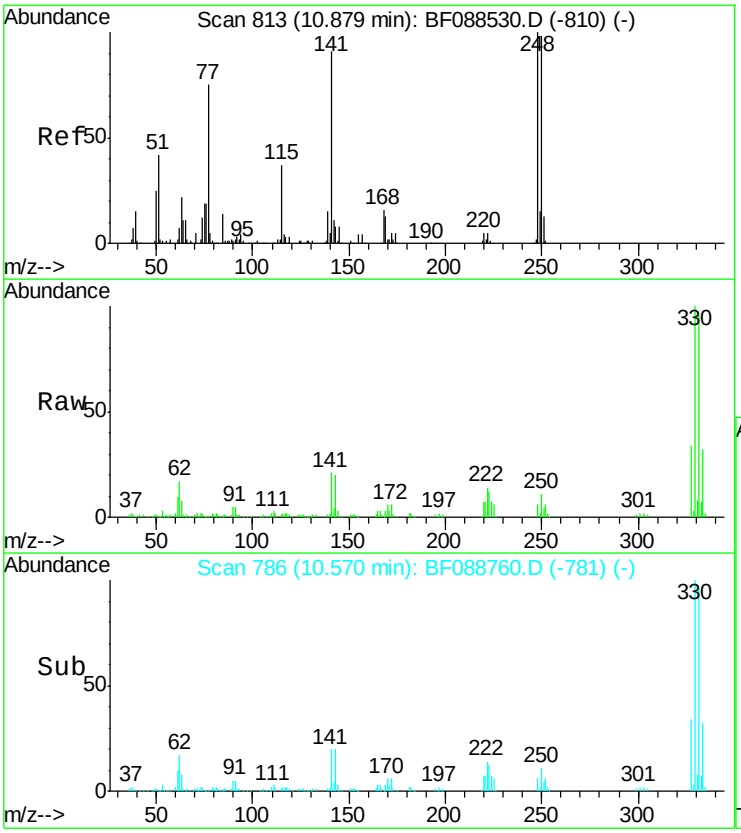
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:188 Resp: 262792

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.6
80	12.5	10.0	15.0

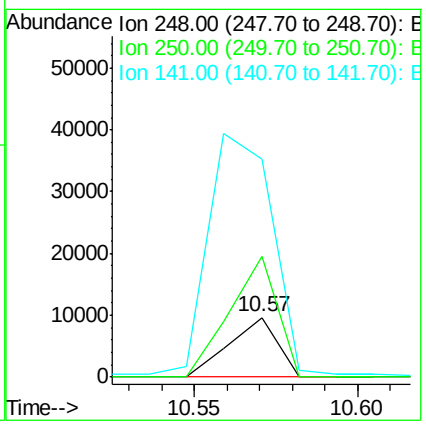


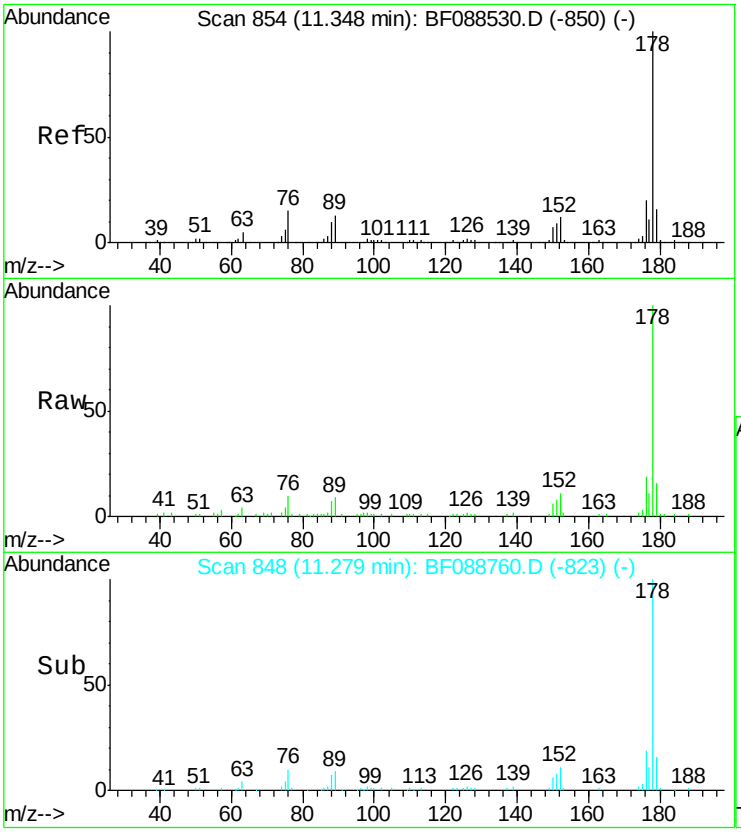


#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:248 Resp: 9826

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.1	115.7#
141	366.9	50.6	76.0#



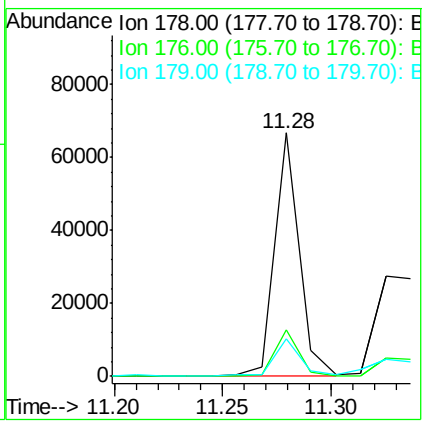


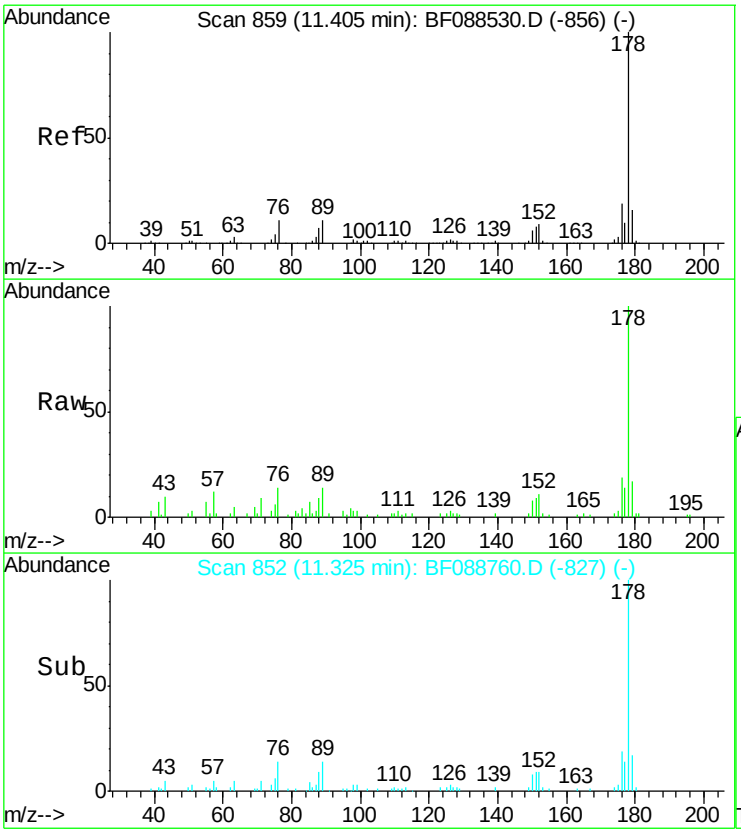
#70
Phenanthrene
Concen: 3.70 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:178 Resp: 53197

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.7	13.0	19.4

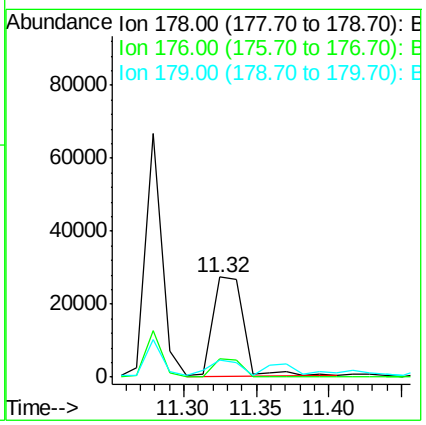


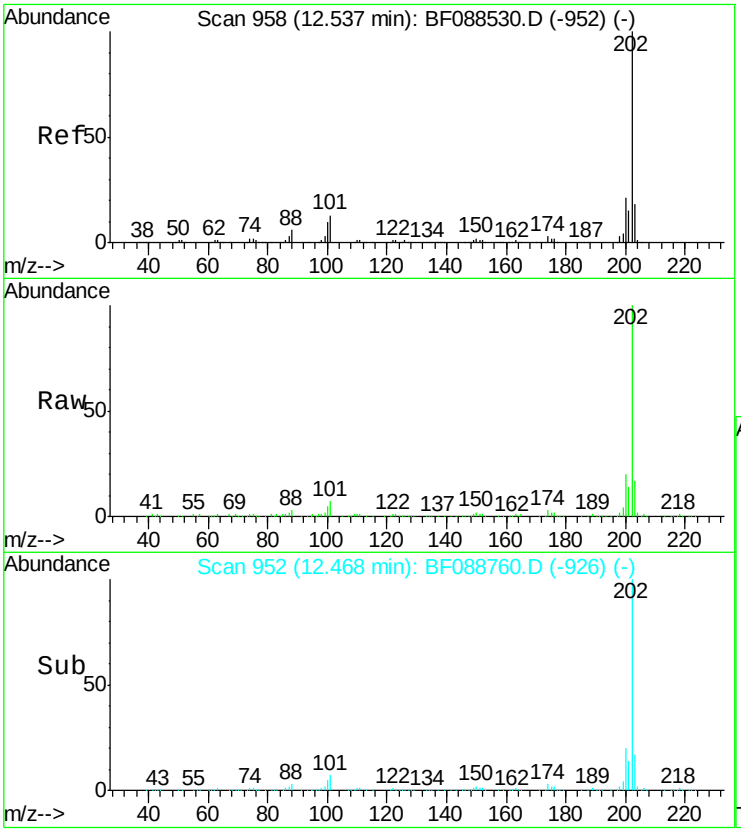


#71
Anthracene
Concen: 2.75 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:178 Resp: 39290

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	17.5	12.8	19.2



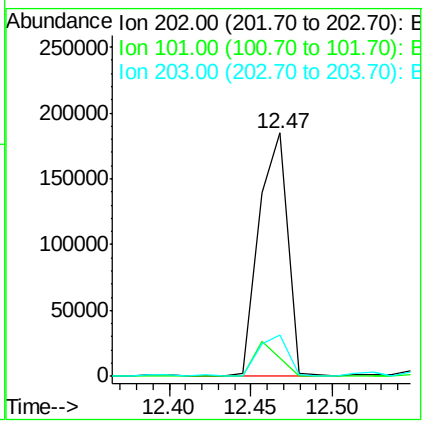


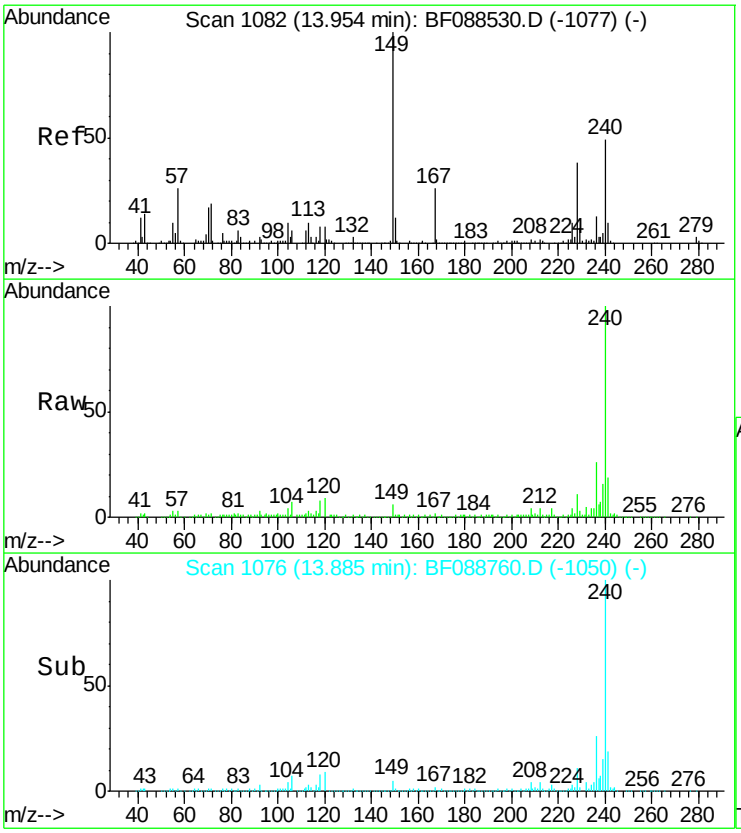
#74
Fluoranthene
Concen: 15.45 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:202 Resp: 225040

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	33.1
203	16.9	0.0	38.1

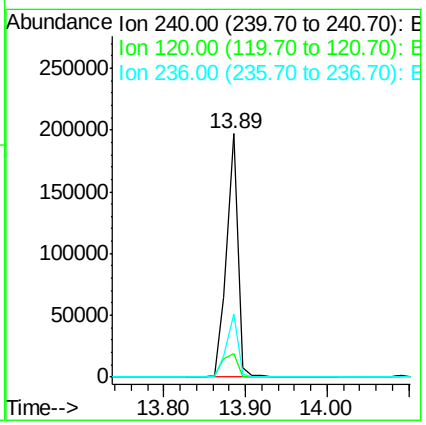


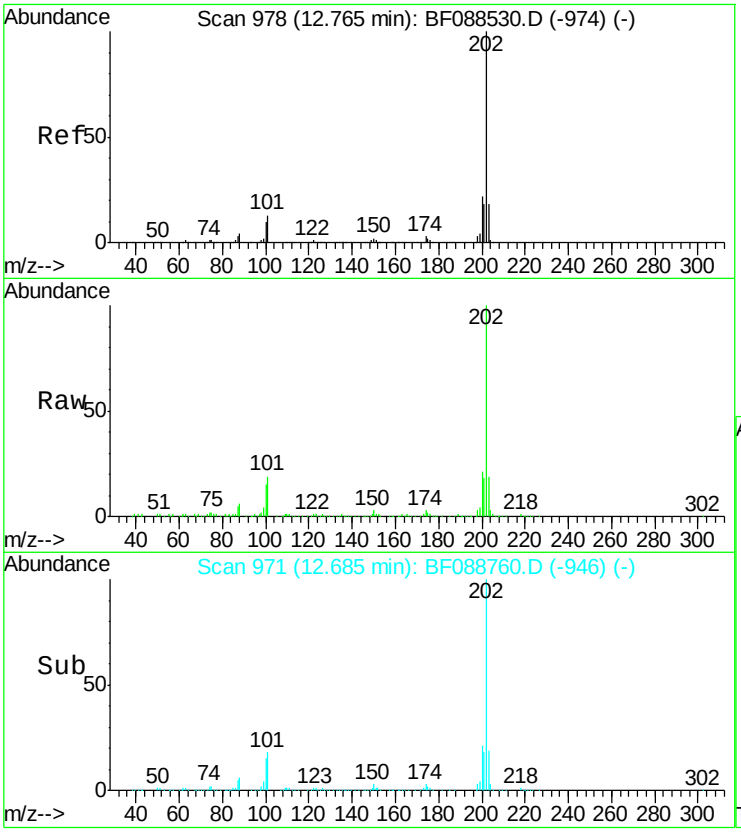


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:240 Resp: 189404

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.8	10.2
236	25.9	20.2	30.2



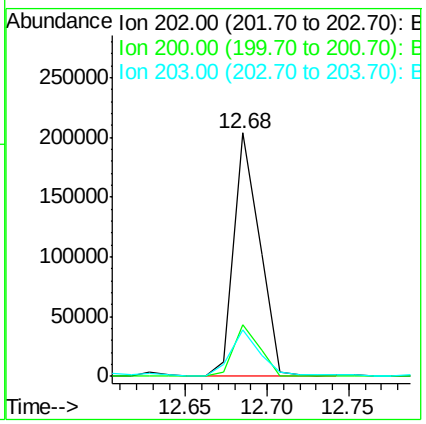


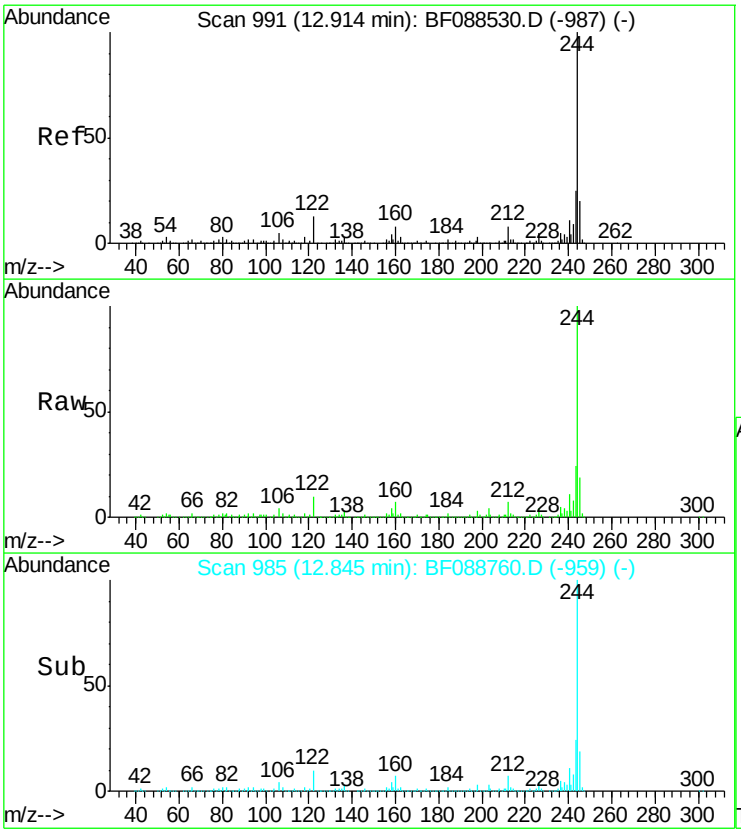
#77
Pyrene
Concen: 13.62 ng
RT: 12.68 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:202 Resp: 218750

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	19.1	14.5	21.7

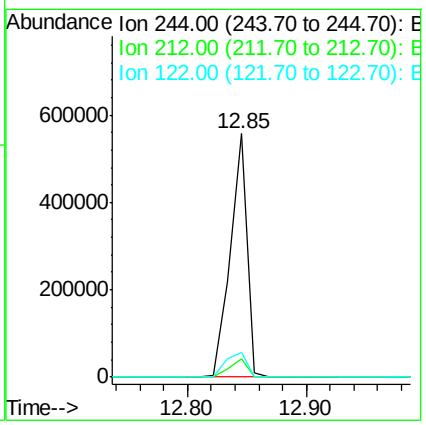


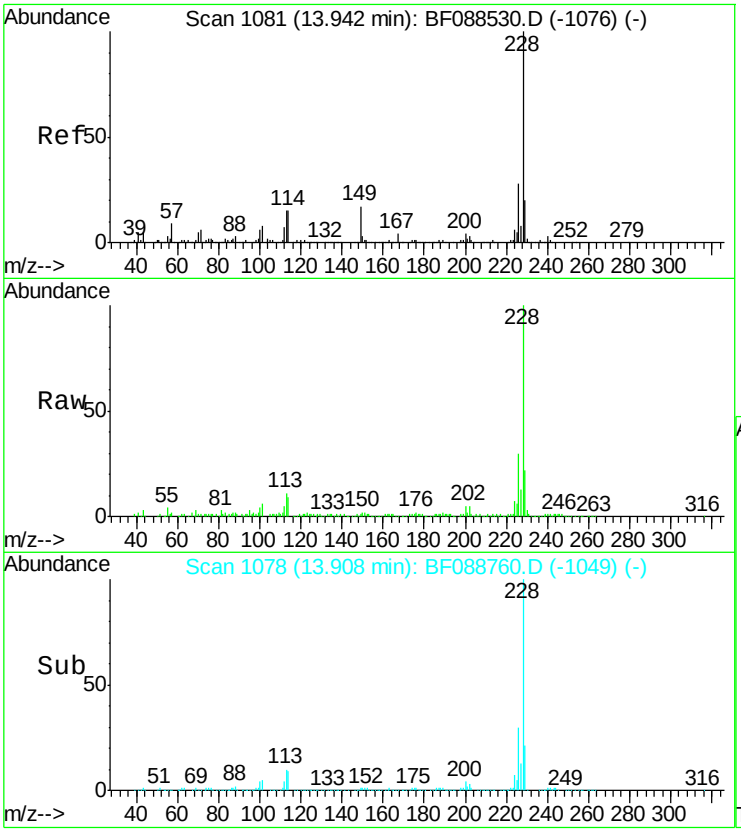


#78
Terphenyl-d14
Concen: 63.96 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:244 Resp: 543907

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.1	11.2	16.8#



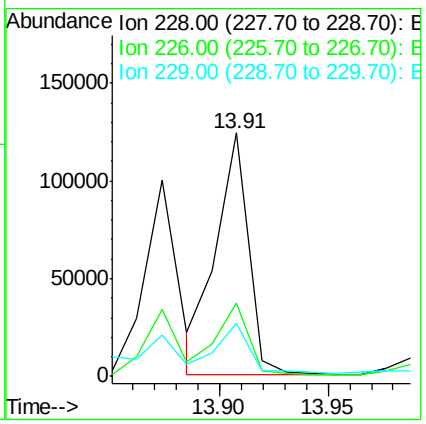


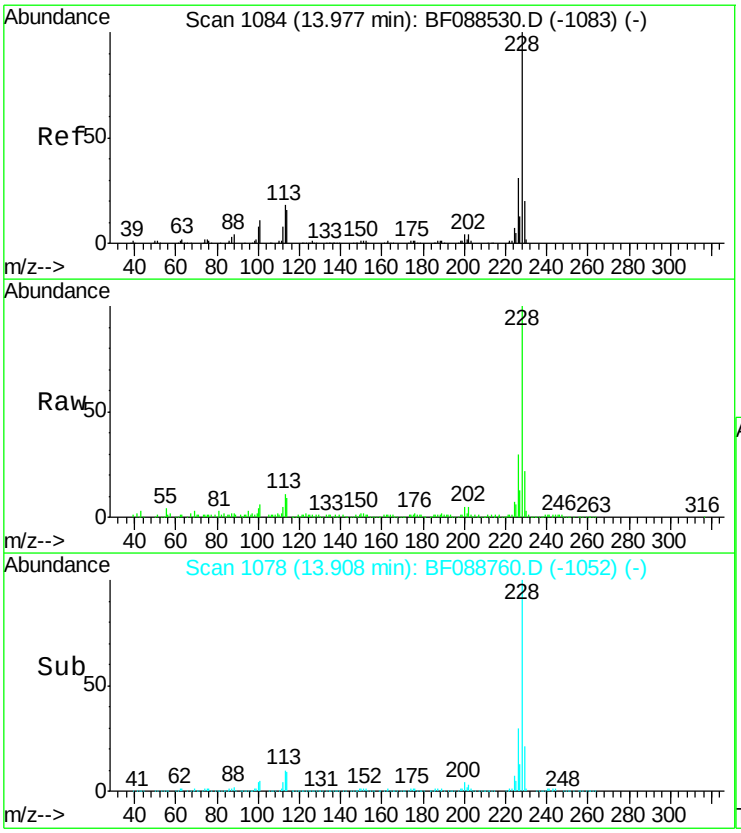
#80
Benzo(a)anthracene
Concen: 10.51 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.03 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Instrument :
BNA_F
ClientSampleId :
C2.1-04

Tgt Ion:228 Resp: 128178

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	21.7	16.0	24.0





#82
Chrysene
Concen: 10.61 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF088760.D
Acq: 7 Jul 2016 3:49

Tgt Ion:228 Resp: 128040

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	21.7	16.3	24.5