Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF088000.D
Acq On : 14 Jun 2016 10:41
Operator : UM/SJ
Sample : H3380-03DL 25X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 13:39:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73645	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	301865	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	138392	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	205957	20.00	ng		0.00
75) Chrysene-d12	13.95	240	155506	20.00	ng		0.00
86) Perylene-d12	15.36	264	141659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	24344	5.65	ng		0.00
7) Phenol-d6	6.42	99	34801	6.67	ng		-0.01
23) Nitrobenzene-d5	7.36	82	16138	3.12	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	4584	3.14	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	38332	-1.27	ng		0.00
78) Terphenyl-d14	12.90	244	25968	3.80	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.10	128	442635	29.63	ng		99
33) 4-Chloroaniline	8.10	127	57268	8.59	ng	#	30
37) 2-Methylnaphthalene	8.80	142	145842	14.81	ng		99
45) 1,1'-Biphenyl	9.26	154	37938	Below	Cal		98
50) 2,6-Dinitrotoluene	9.84	165	19887	8.66	ng	#	39
51) Acenaphthene	9.87	154	182423	20.53	ng		98
54) Dibenzofuran	10.04	168	171936	14.05	ng		99
55) 4-Nitrophenol	10.04	139	60014	29.19	ng	#	6
57) Fluorene	10.39	166	158848	16.11	ng		99
70) Phenanthrene	11.35	178	575643	53.26	ng		98
71) Anthracene	11.39	178	120702	11.07	ng		97
72) Carbazole	11.55	167	43163	4.23	ng	#	97
74) Fluoranthene	12.53	202	286937	25.16	ng		98
77) Pyrene	12.75	202	210357	18.23	ng		99
80) Benzo(a)anthracene	13.94	228	60358	6.81	ng		99
82) Chrysene	13.94	228	60358	7.24	ng		95
87) Benzo(b)fluoranthene	14.96	252	38178	3.87	ng	#	93
88) Benzo(k)fluoranthene	14.96	252	38178	5.13	ng		98
89) Benzo(a)pyrene	15.30	252	16274	2.04	ng		96

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

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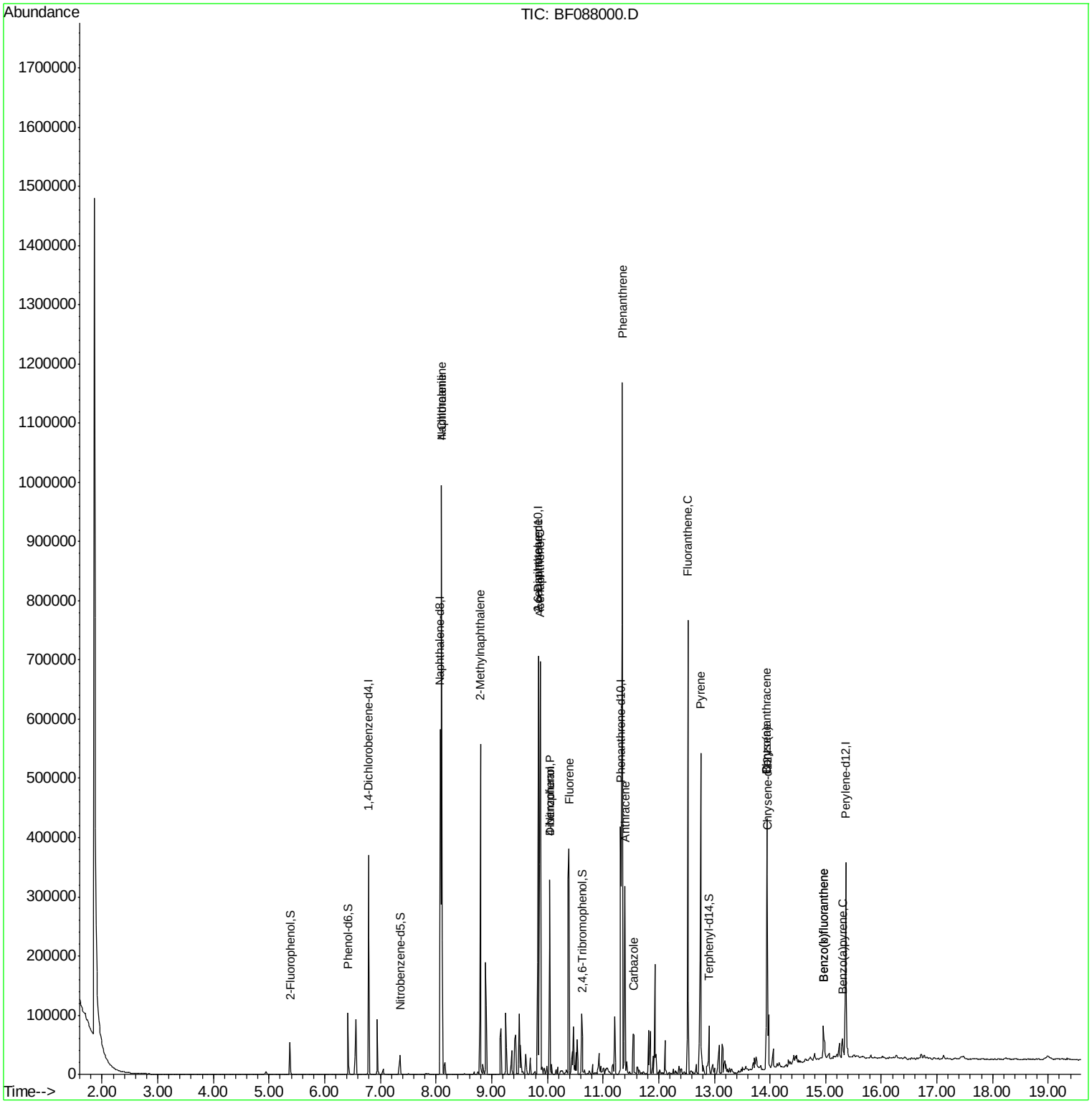
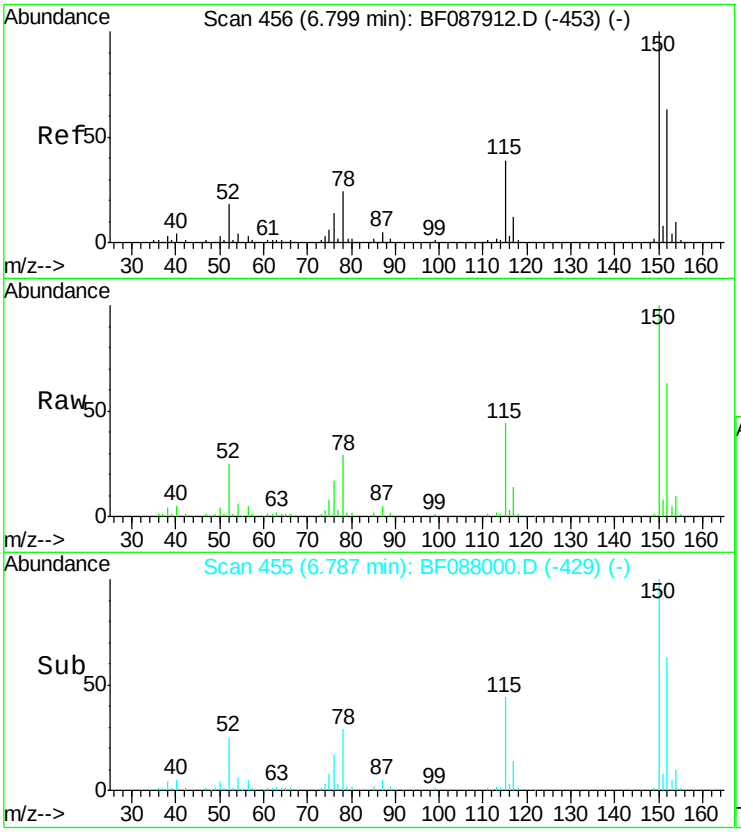
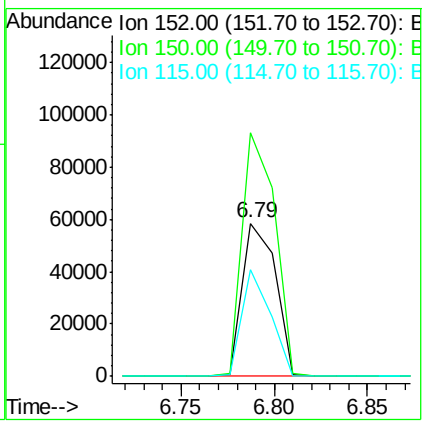




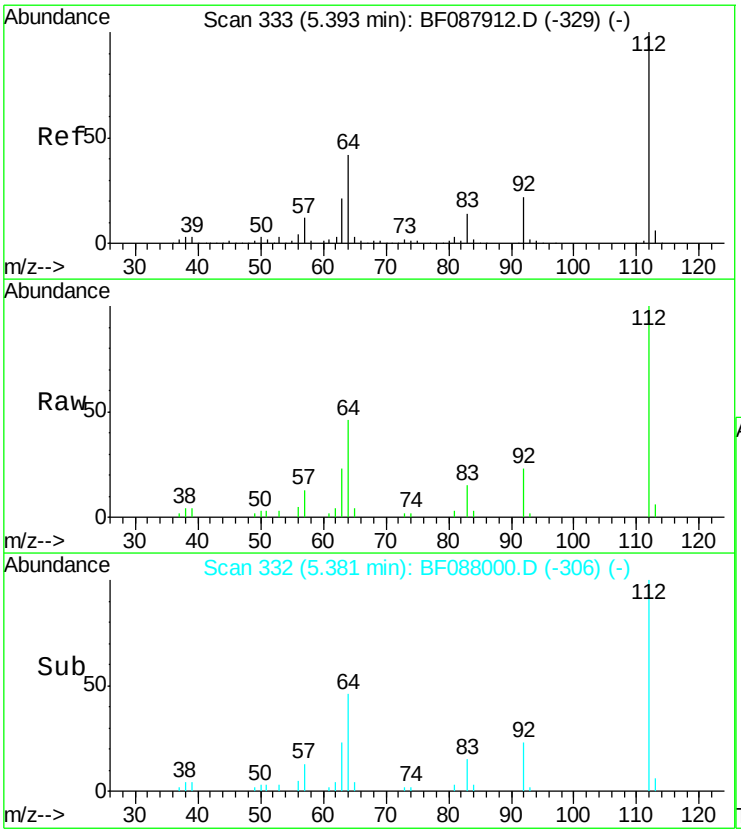
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:152 Resp: 73645

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.6
115	69.3	39.6	59.4#



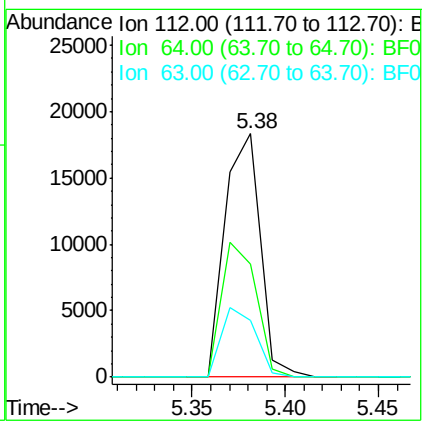
Instrument :
BNA_F
ClientSampleId :

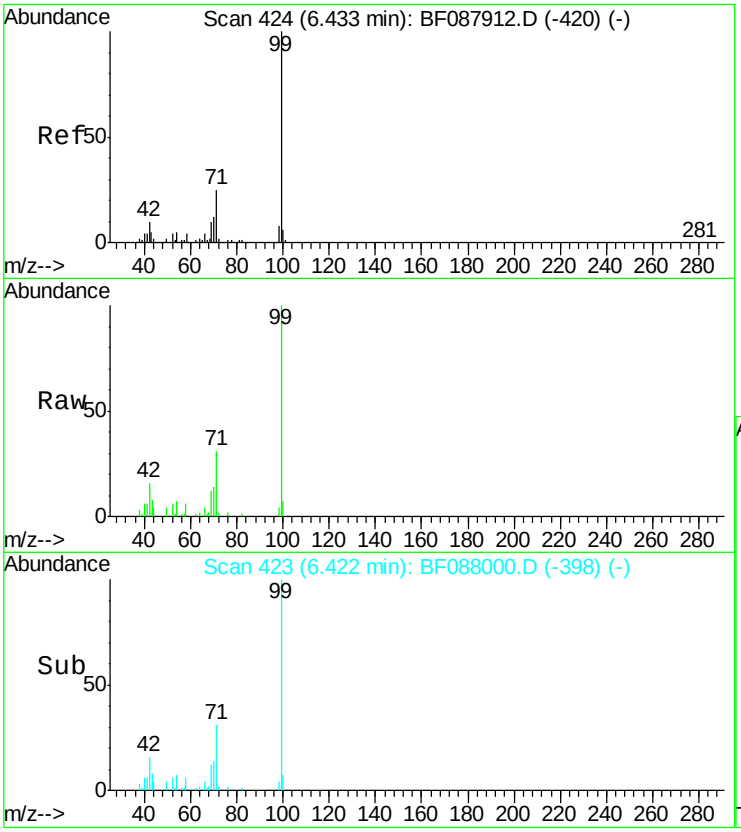


#5
2-Fluorophenol
Concen: 5.65 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:112 Resp: 24344

Ion	Ratio	Lower	Upper
112	100		
64	46.4	42.2	63.2
63	23.2	21.8	32.8



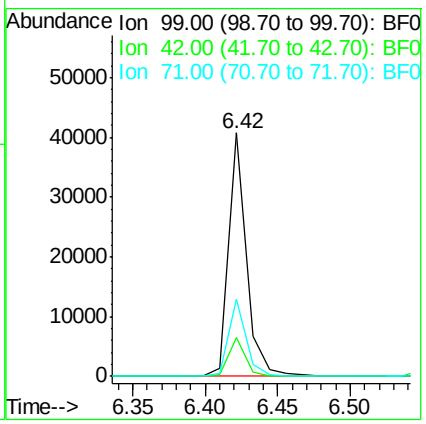


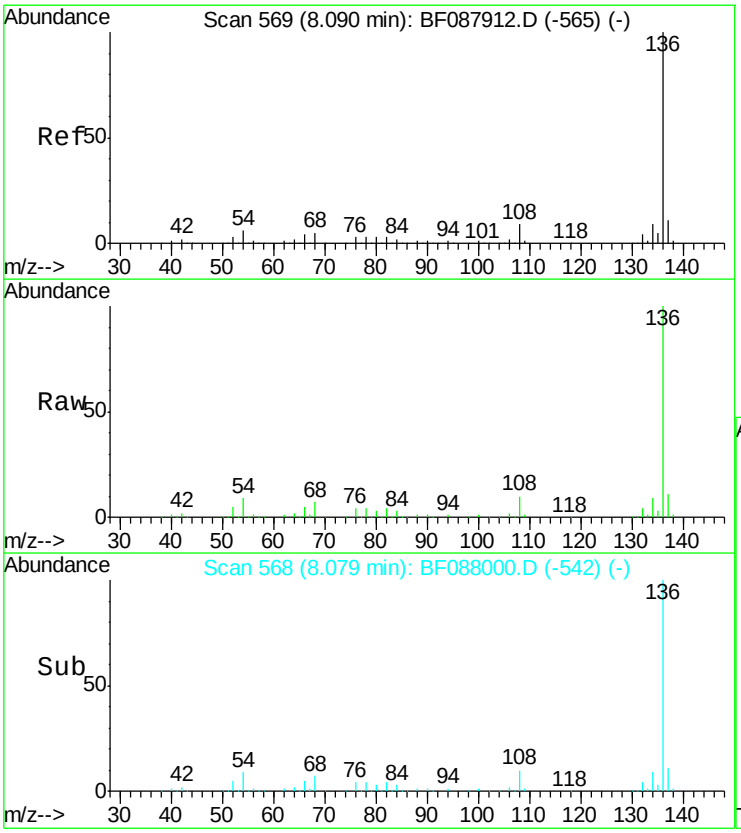
#7
Phenol-d6
Concen: 6.67 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 34801

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.2	18.2
71	31.5	23.4	35.0

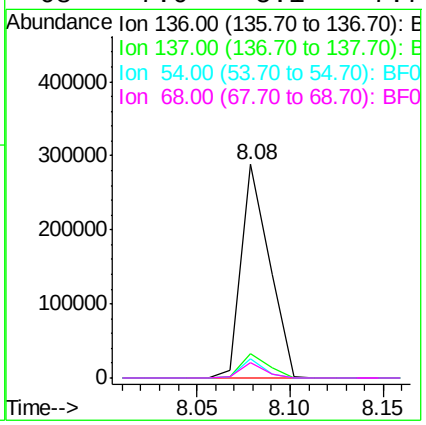


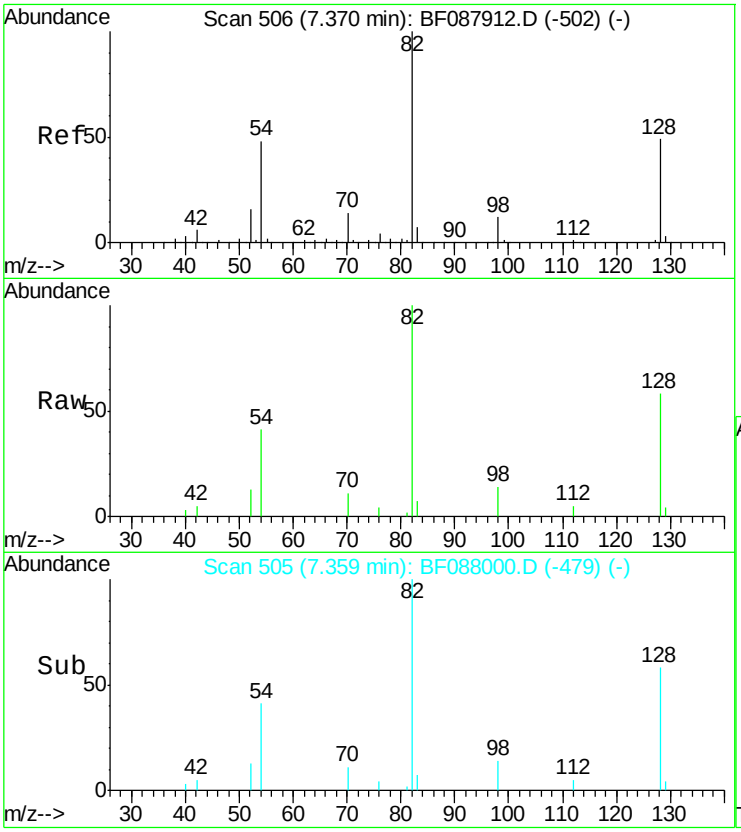


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:136 Resp: 301865

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.8	6.6	10.0
68	7.0	5.1	7.7



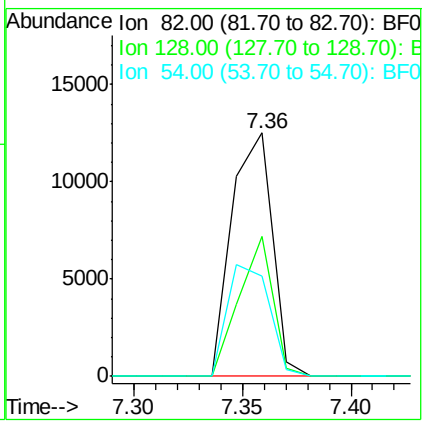


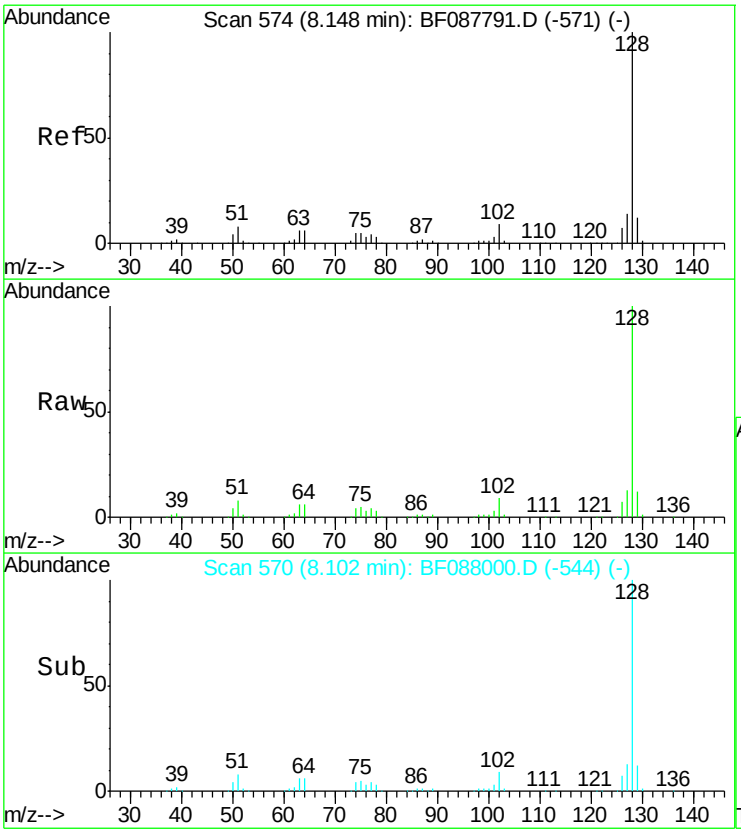
#23
Nitrobenzene-d5
Concen: 3.12 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 16138

Ion	Ratio	Lower	Upper
82	100		
128	57.6	35.9	53.9#
54	41.4	40.9	61.3

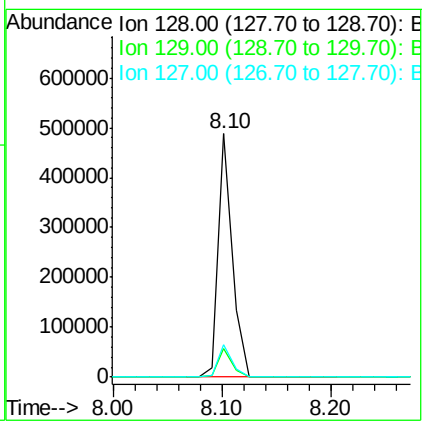


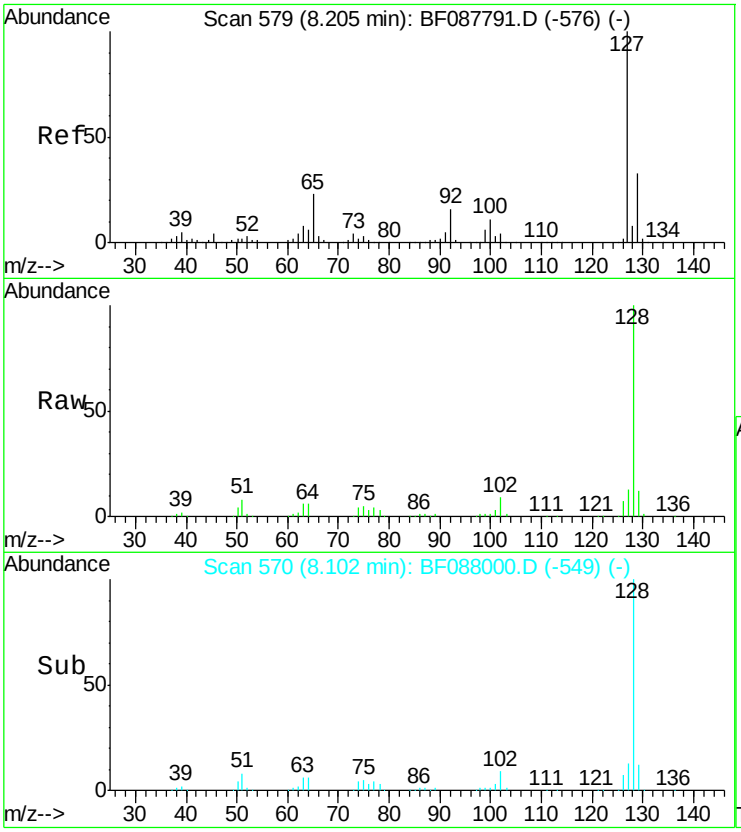


#31
Naphthalene
Concen: 29.63 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:128 Resp: 442635

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.1	10.9	16.3



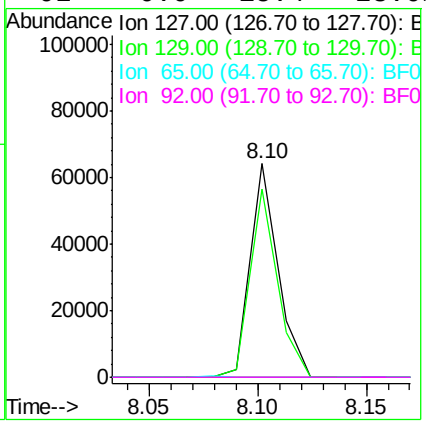


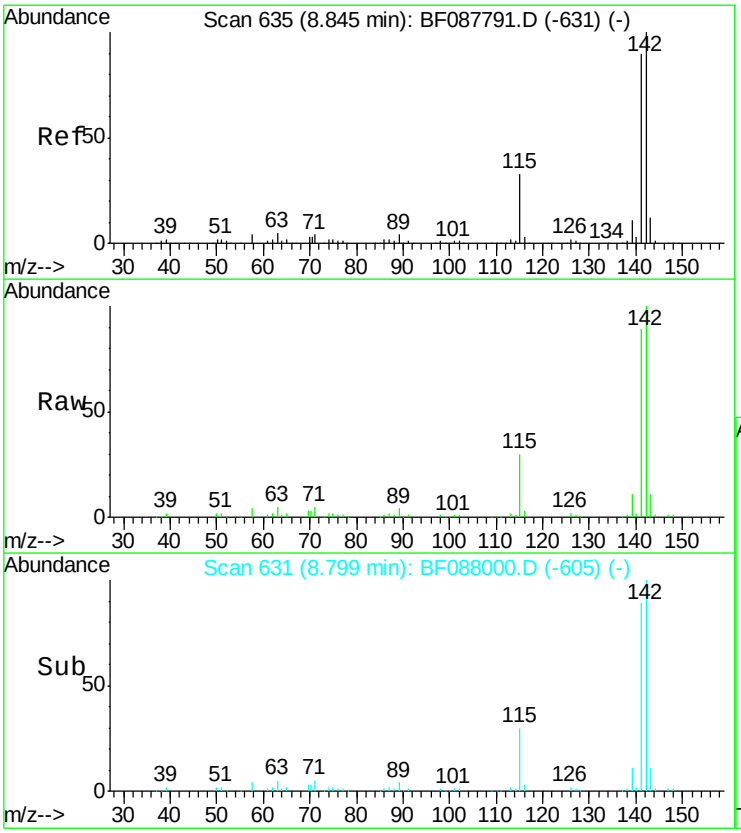
#33
4-Chloroaniline
Concen: 8.59 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.06 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 57268

Ion	Ratio	Lower	Upper
127	100		
129	88.2	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

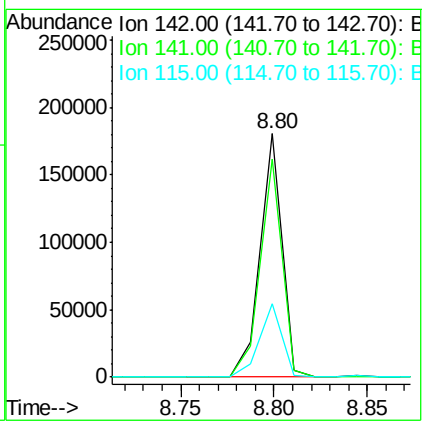


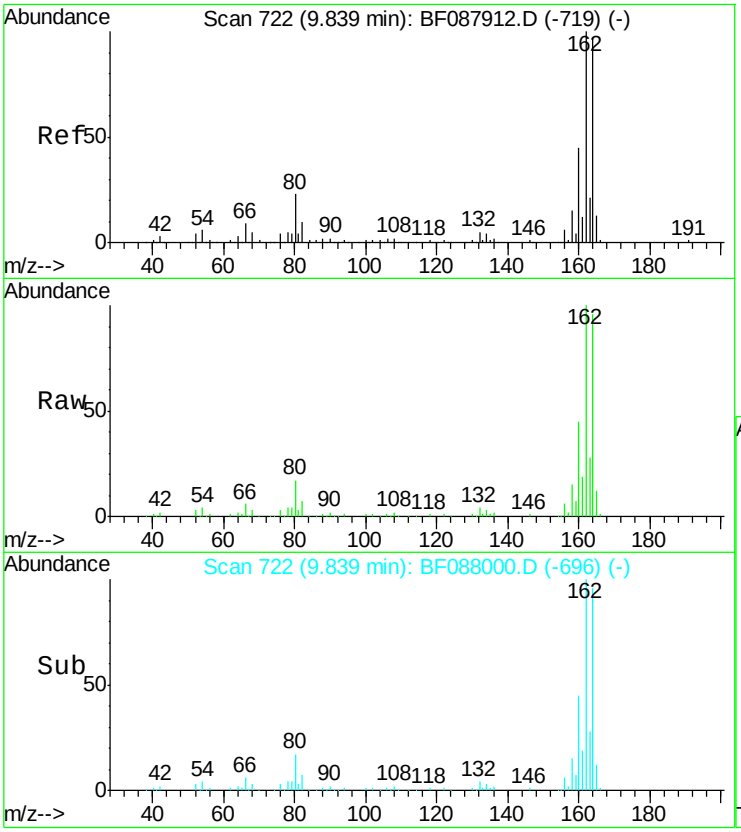


#37
2-Methylnaphthalene
Concen: 14.81 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:142 Resp: 145842

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	30.0	22.6	33.8



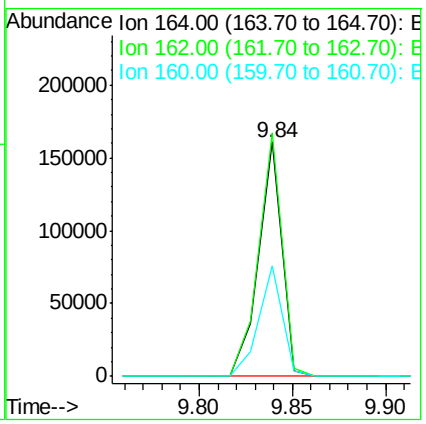


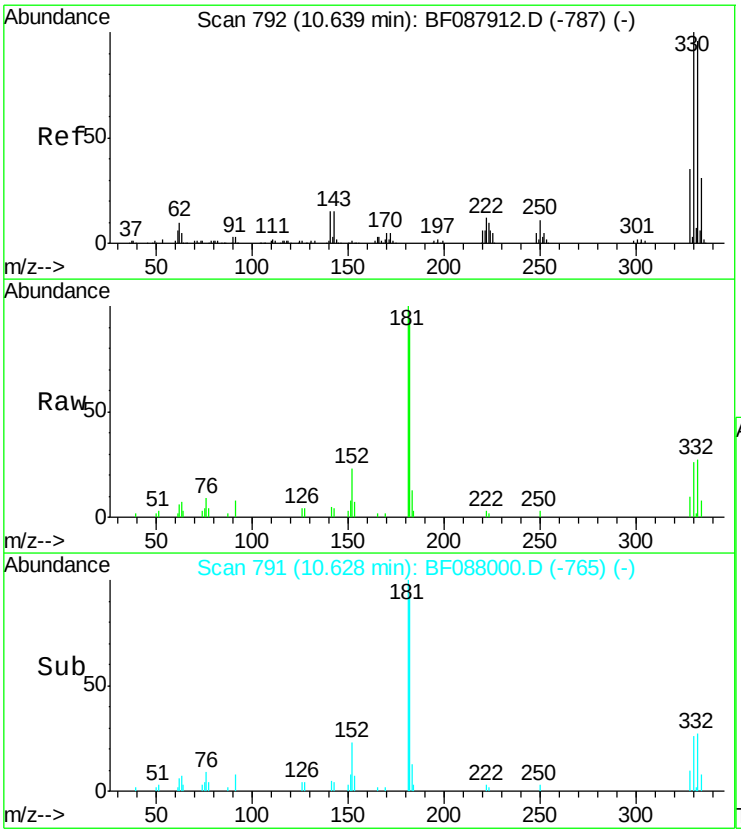
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138392

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.4	128.2
160	47.0	39.5	59.3

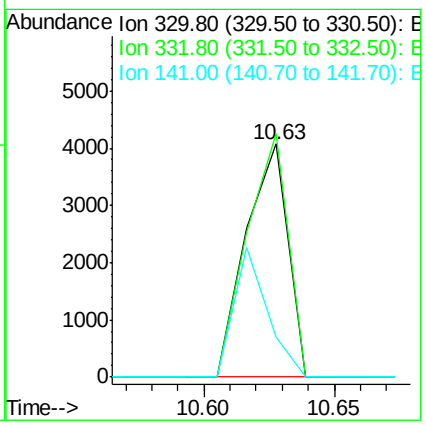


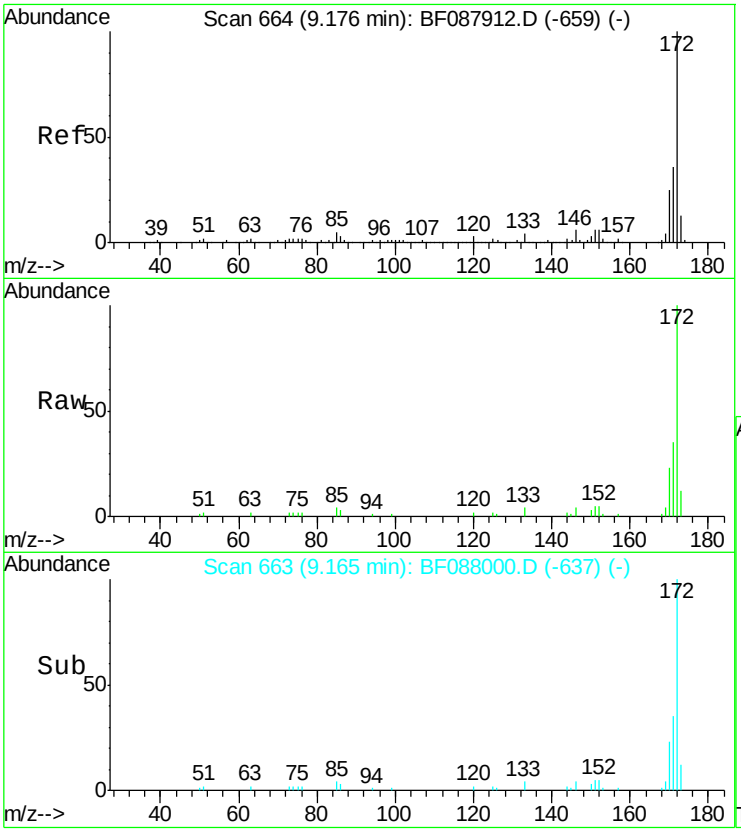


#41
2,4,6-Tribromophenol
Concen: 3.14 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:330 Resp: 4584

Ion	Ratio	Lower	Upper
330	100		
332	101.5	0.0	0.0#
141	44.6	0.0	0.0#



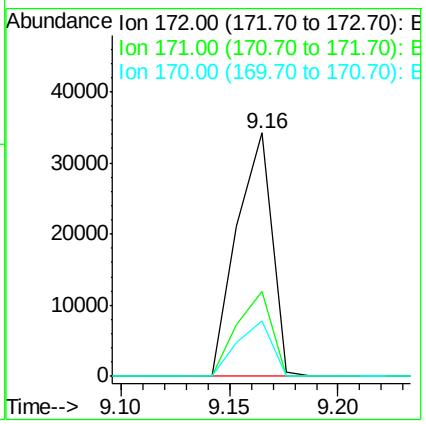


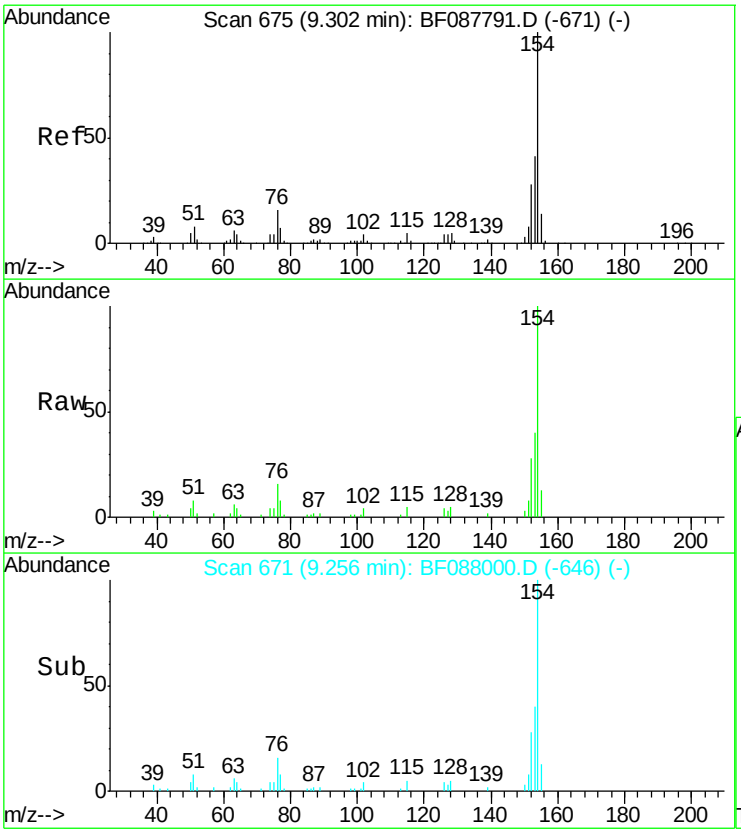
#44
2-Fluorobiphenyl
Concen: -1.27 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 38332

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.6	19.2	28.8

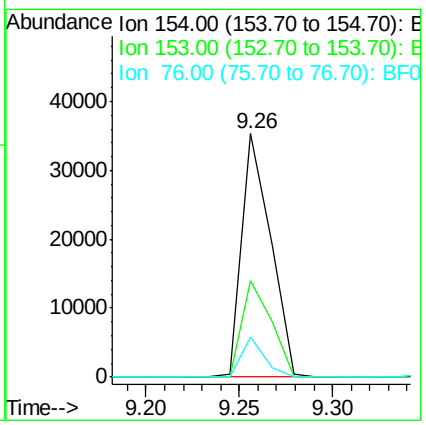


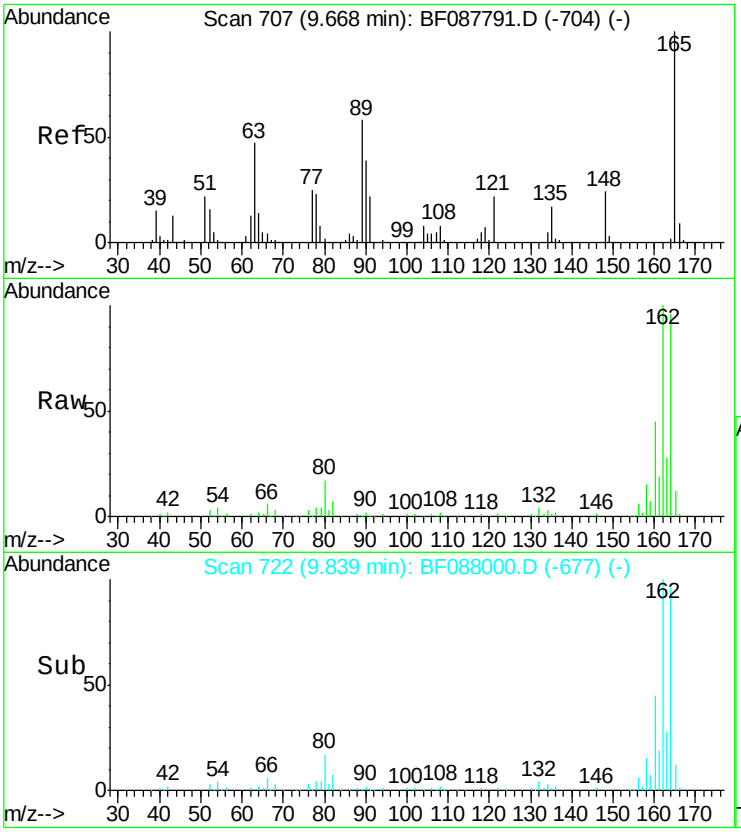


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:154 Resp: 37938

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.6	60.6
76	16.3	0.0	35.1



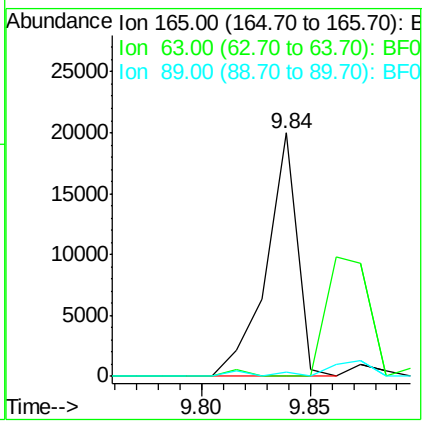


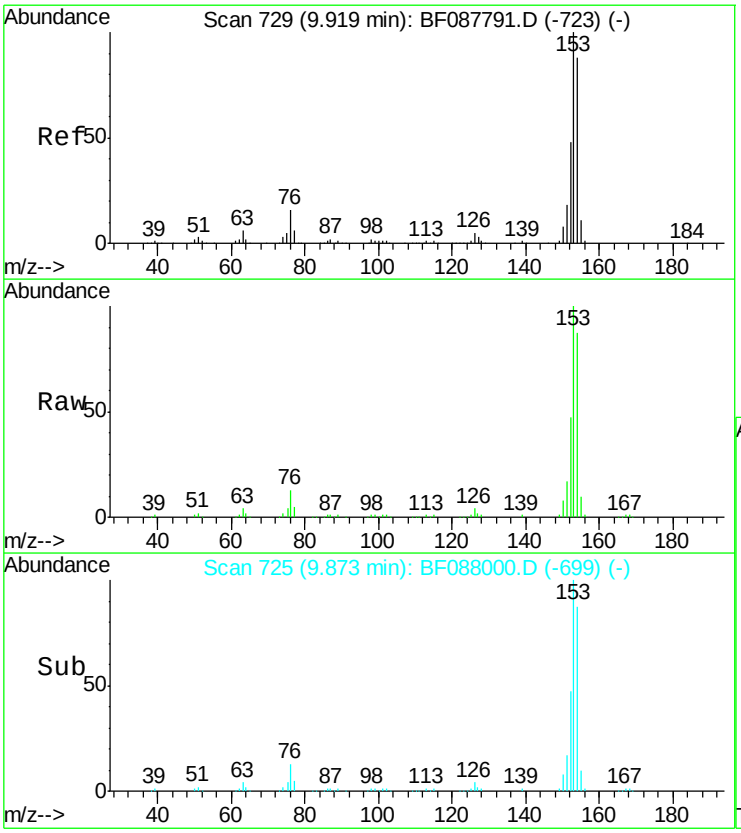
#50
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.22 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19887

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.6	32.2	48.2#

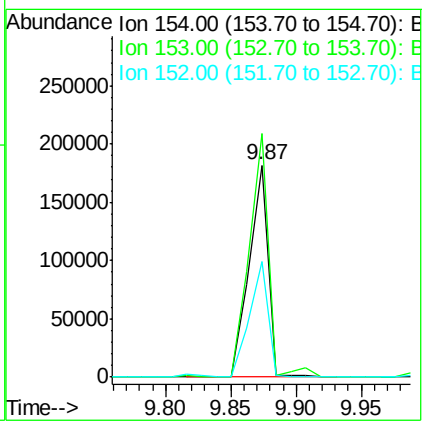


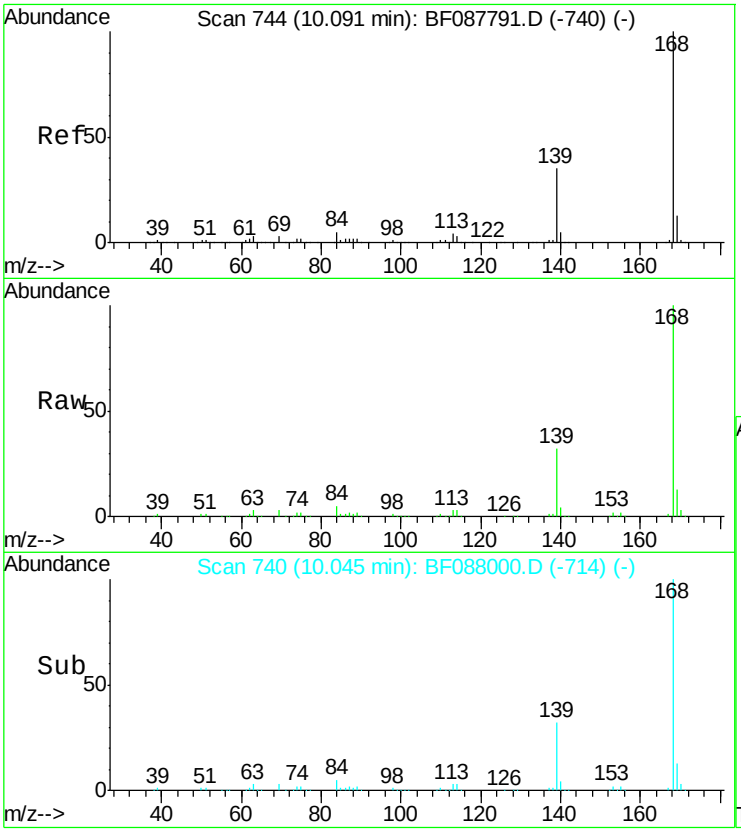


#51
Acenaphthene
Concen: 20.53 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:154 Resp: 182423

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.5	134.3
152	54.3	42.7	64.1



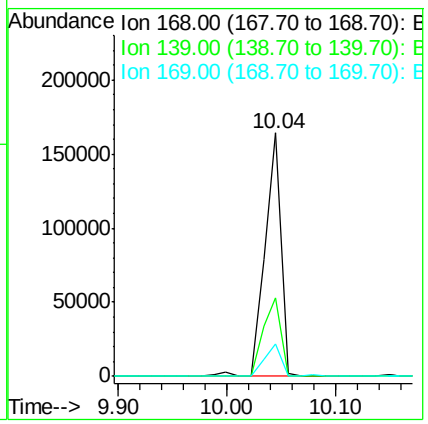


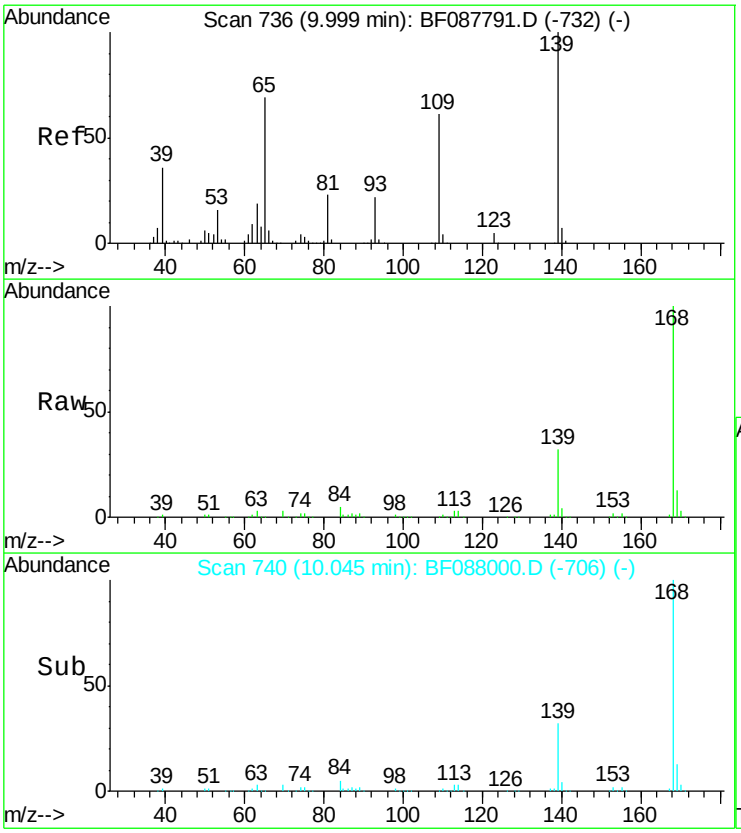
#54
Dibenzofuran
Concen: 14.05 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 171936

Ion	Ratio	Lower	Upper
168	100		
139	32.1	26.4	39.6
169	13.3	10.4	15.6

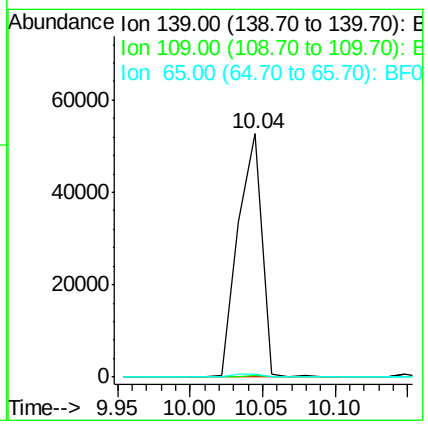


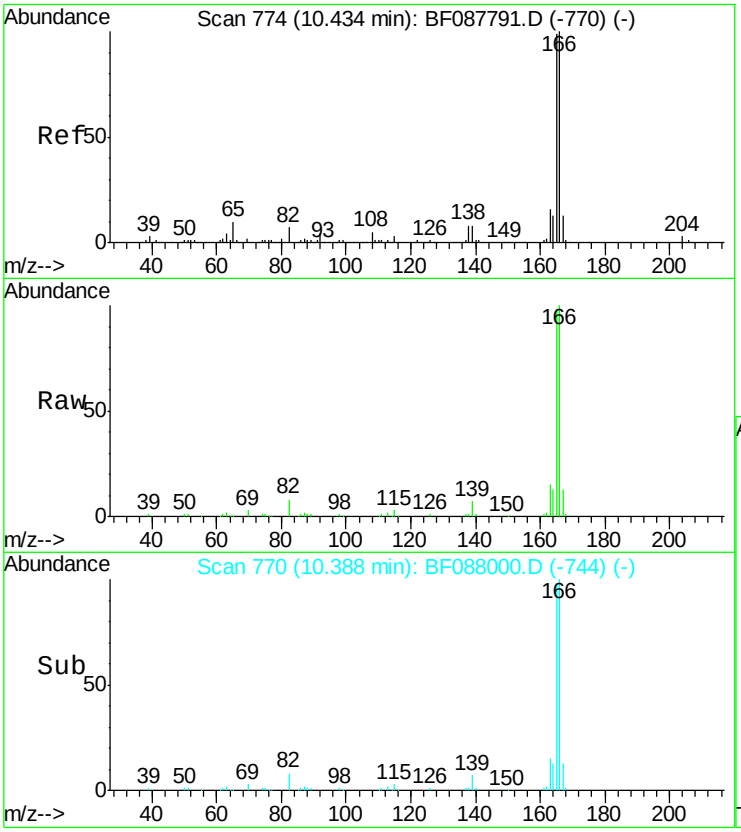


#55
4-Nitrophenol
Concen: 29.19 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.09 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:139 Resp: 60014

Ion	Ratio	Lower	Upper
139	100		
109	0.7	48.9	88.9#
65	1.2	84.9	124.9#



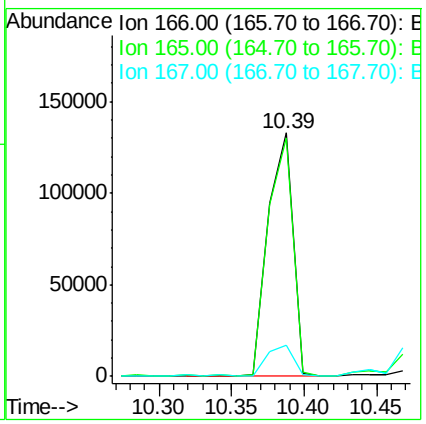


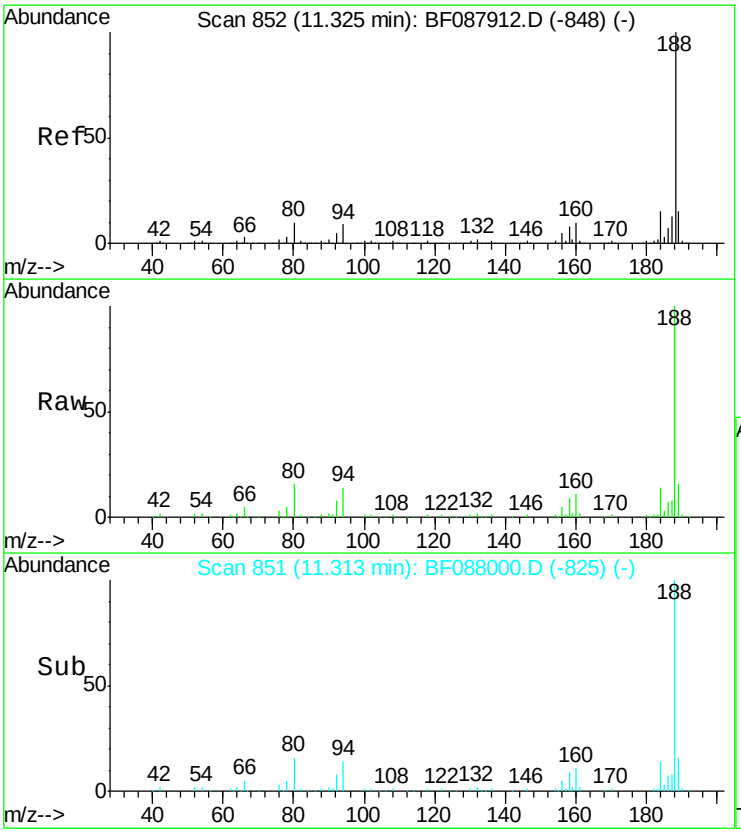
#57
Fluorene
Concen: 16.11 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 158848

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	12.6	11.2	16.8

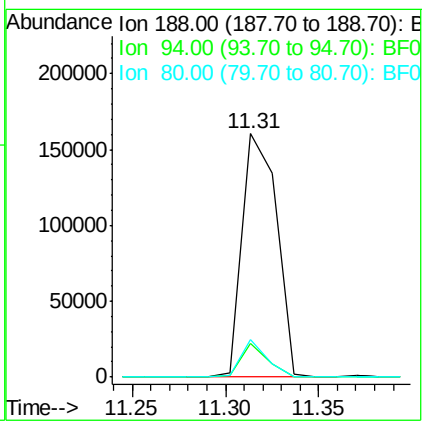


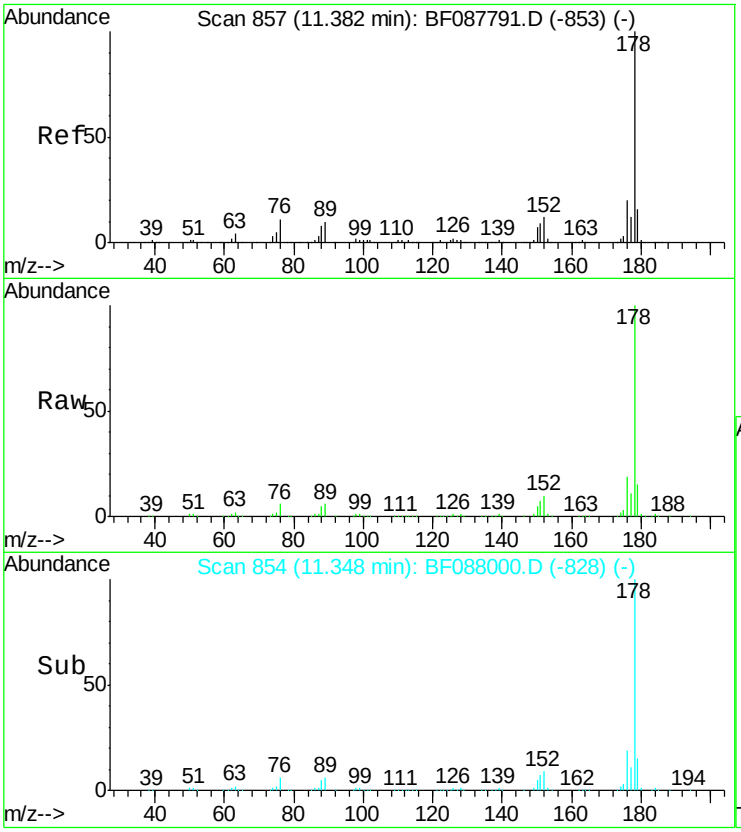


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:188 Resp: 205957

Ion	Ratio	Lower	Upper
188	100		
94	13.9	9.0	13.6#
80	15.5	10.0	15.0#

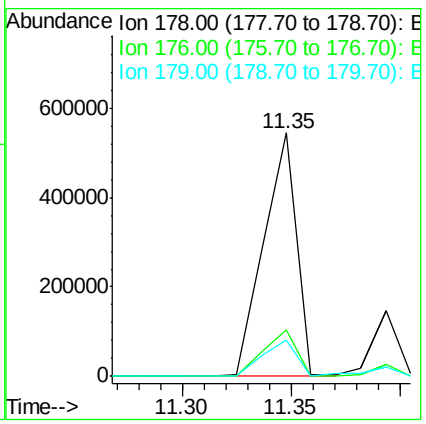




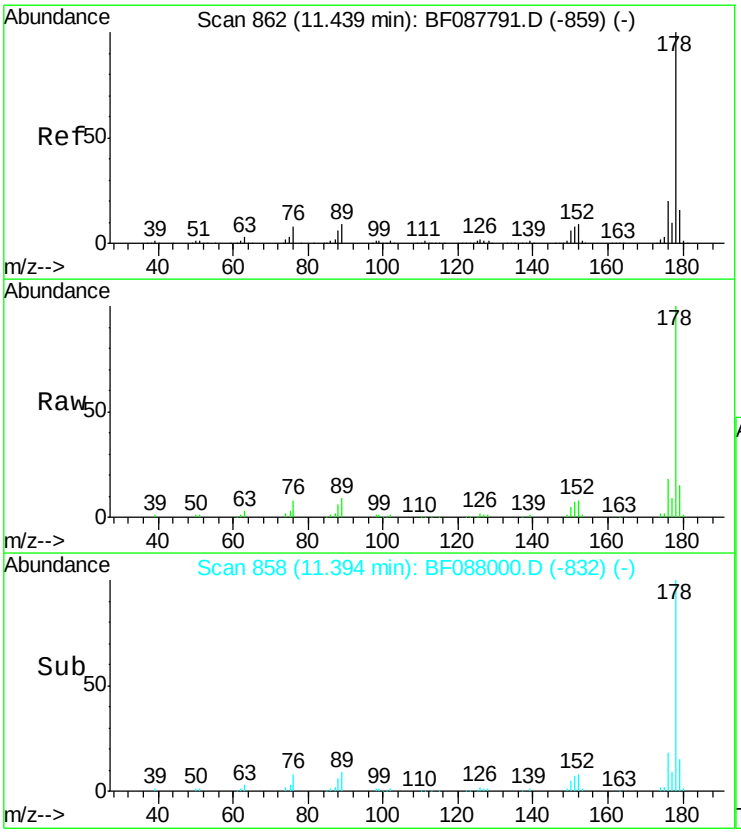
#70
Phenanthrene
Concen: 53.26 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:178 Resp: 575643

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.1	13.0	19.4



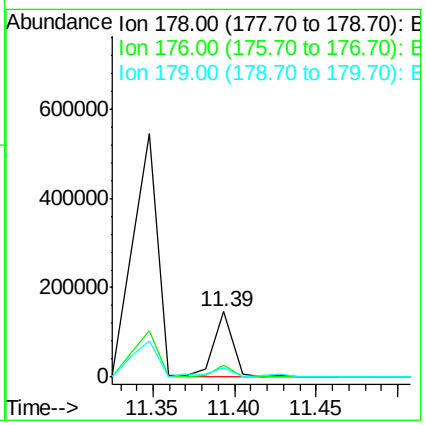
Instrument :
BNA_F
ClientSampleId :

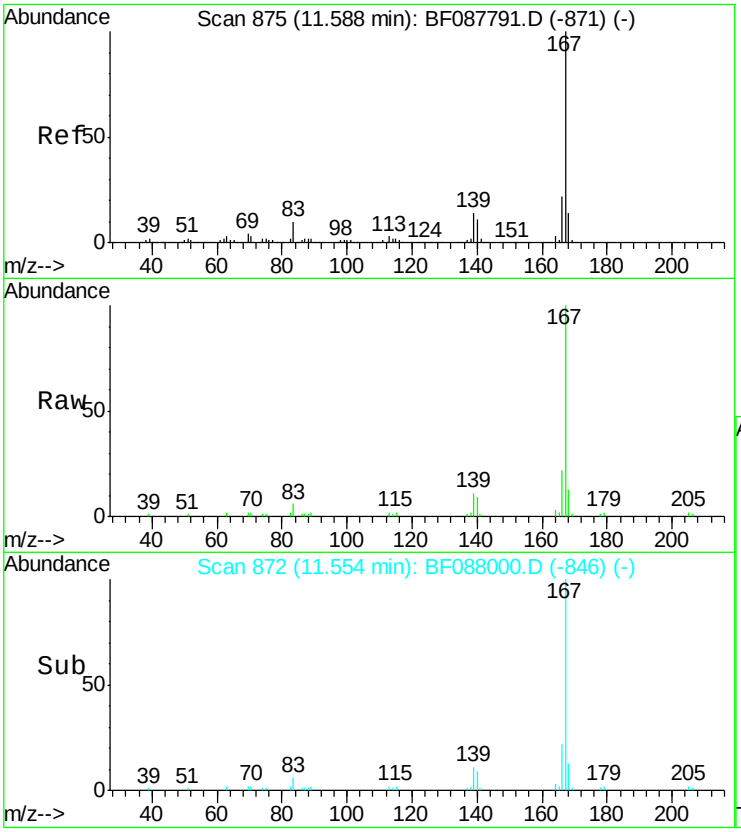


#71
Anthracene
Concen: 11.07 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:178 Resp: 120702

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.1	12.8	19.2



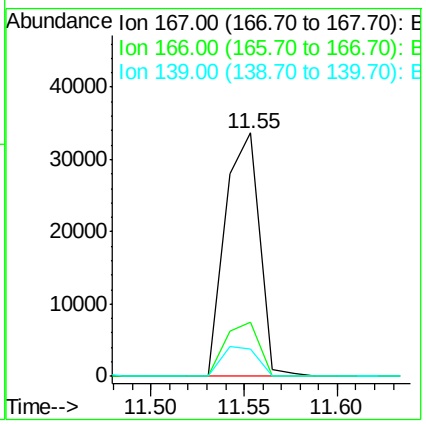


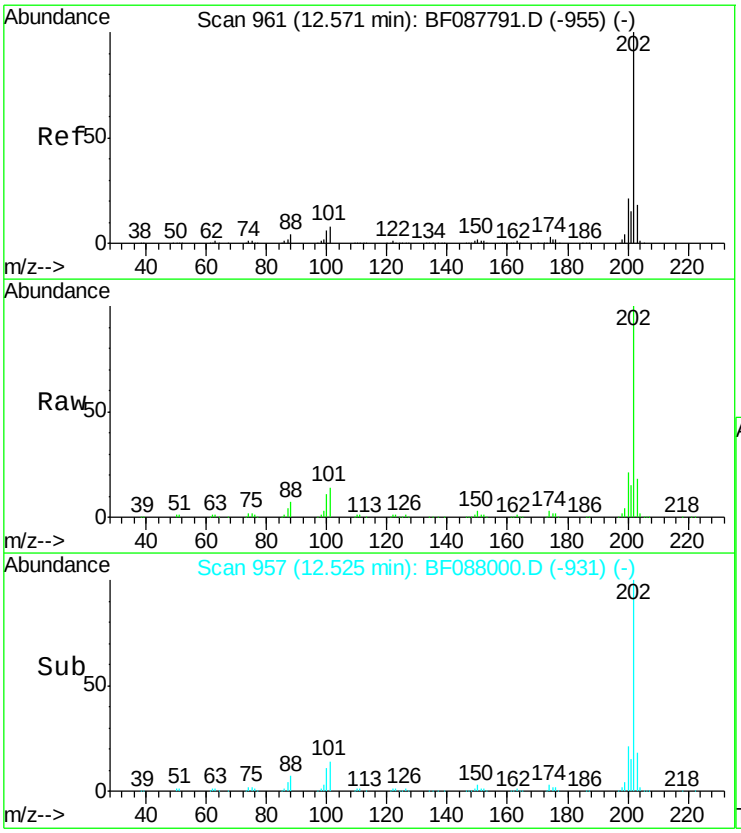
#72
Carbazole
Concen: 4.23 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 43163

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	11.0	11.2	16.8#

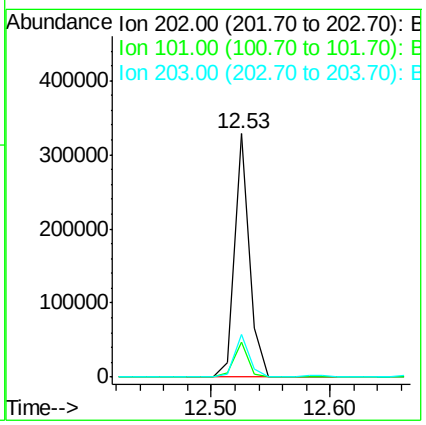


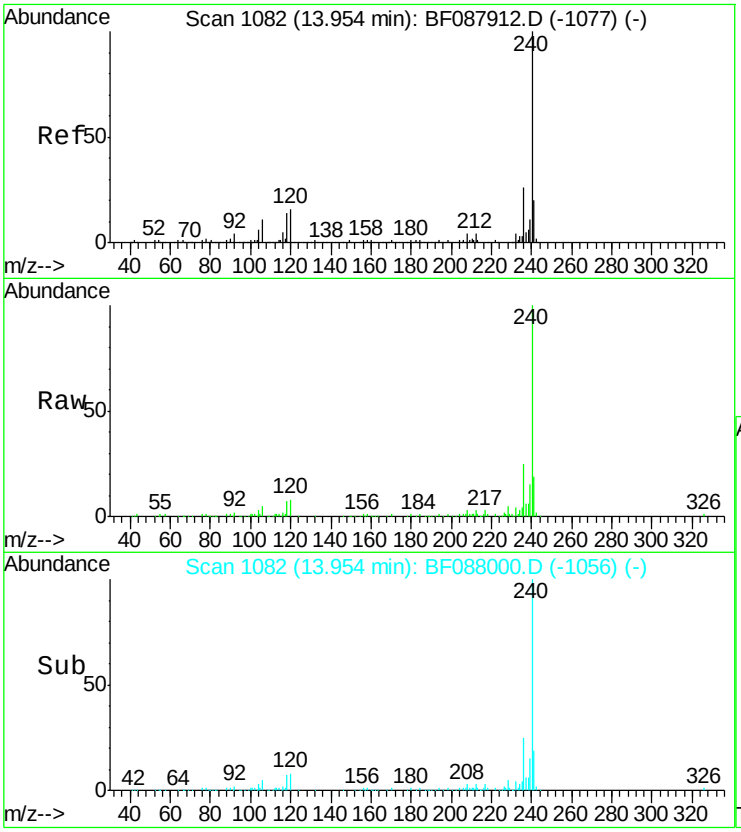


#74
Fluoranthene
Concen: 25.16 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:202 Resp: 286937

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.1
203	17.6	0.0	38.1



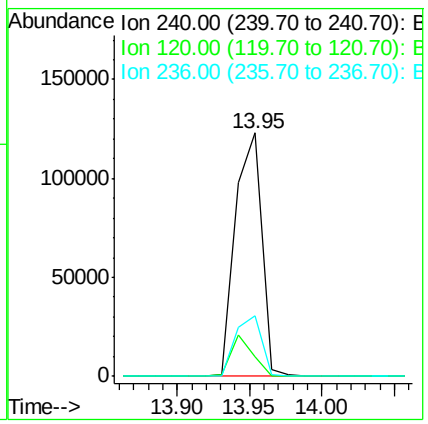


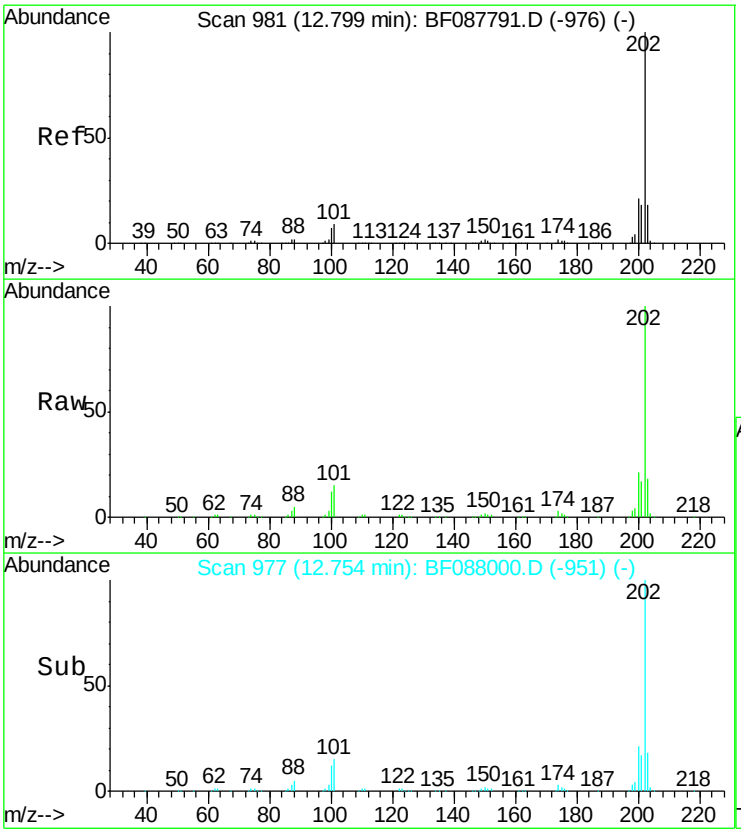
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 155506

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.0	20.2	30.2

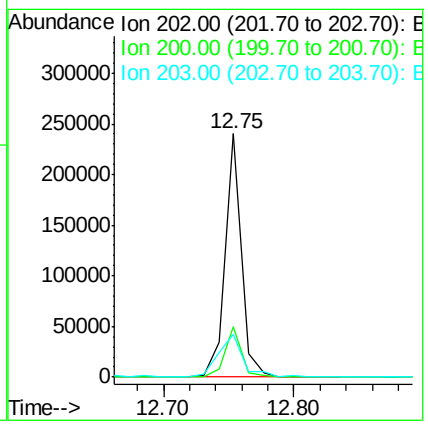


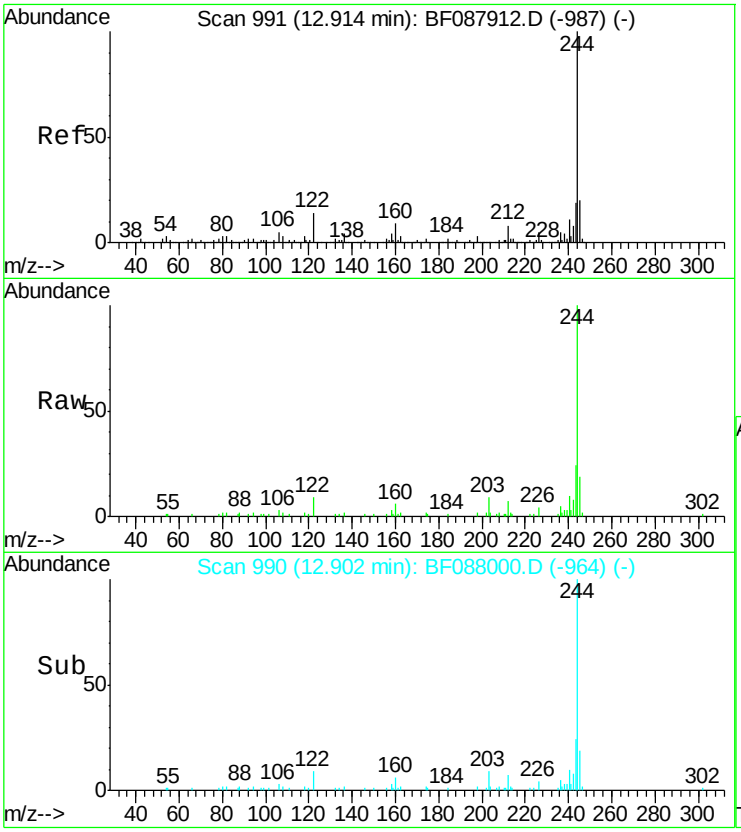


#77
Pyrene
Concen: 18.23 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:202 Resp: 210357

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.5	21.7



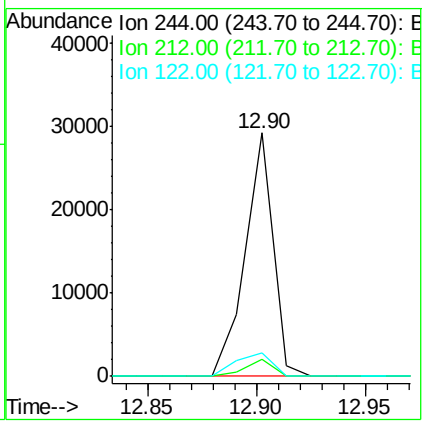


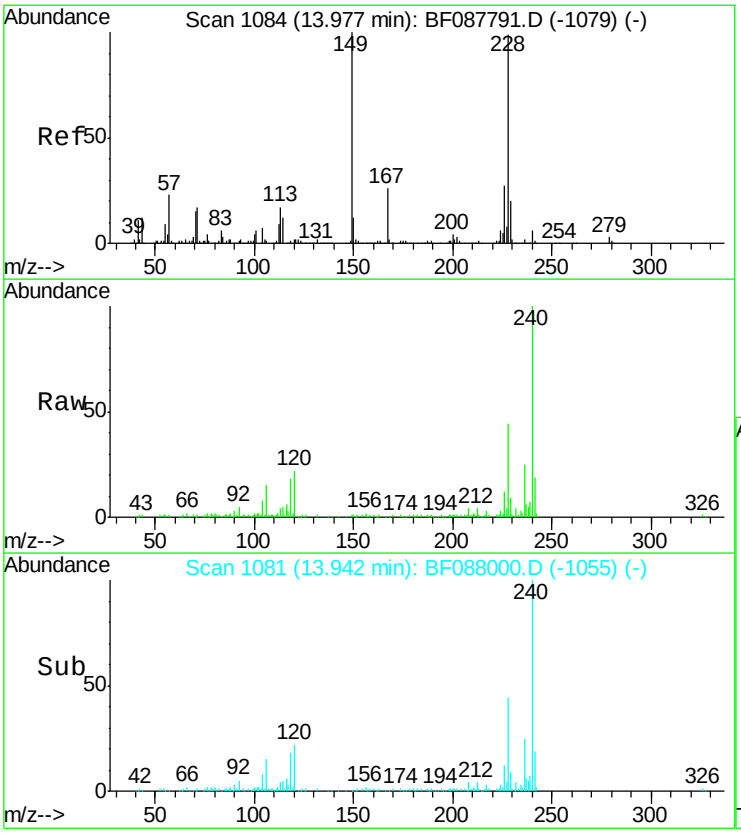
#78
Terphenyl-d14
Concen: 3.80 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 25968

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	9.5	11.2	16.8#

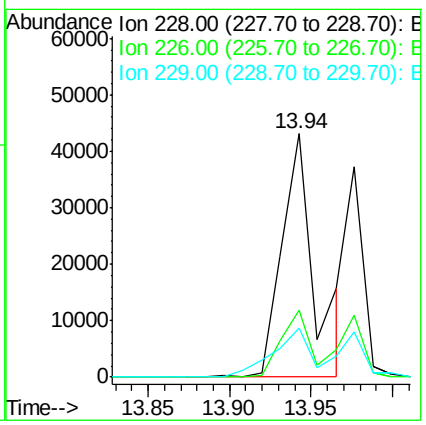


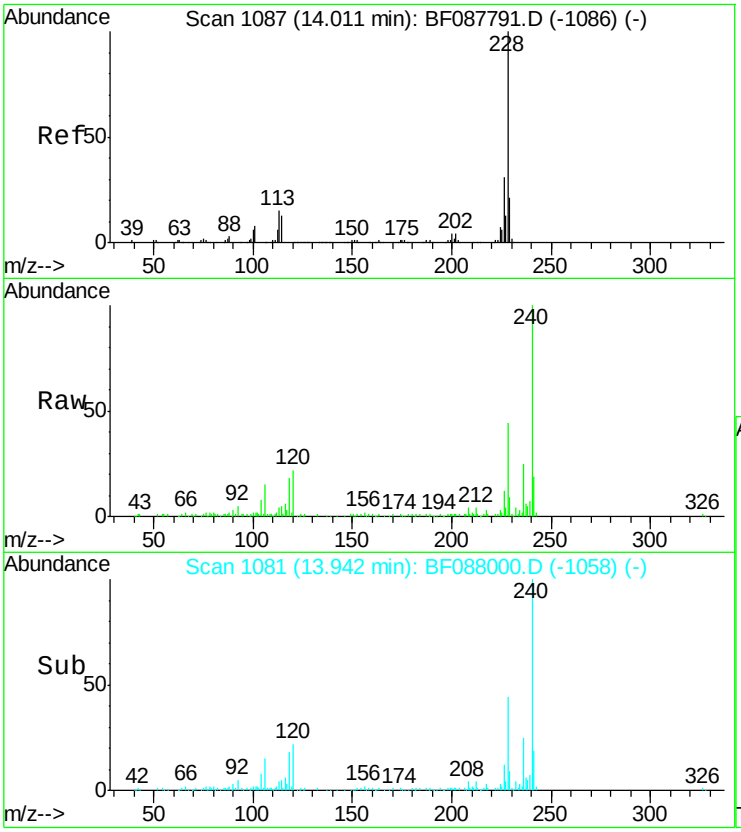


#80
Benzo(a)anthracene
Concen: 6.81 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:228 Resp: 60358

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.3	16.0	24.0



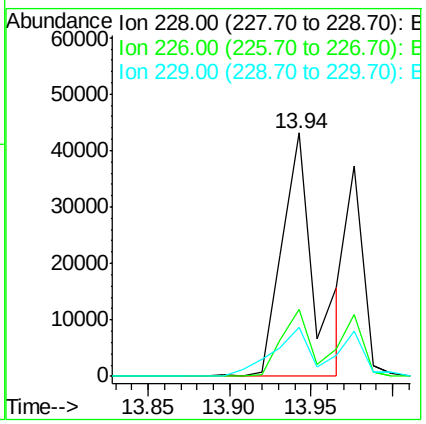


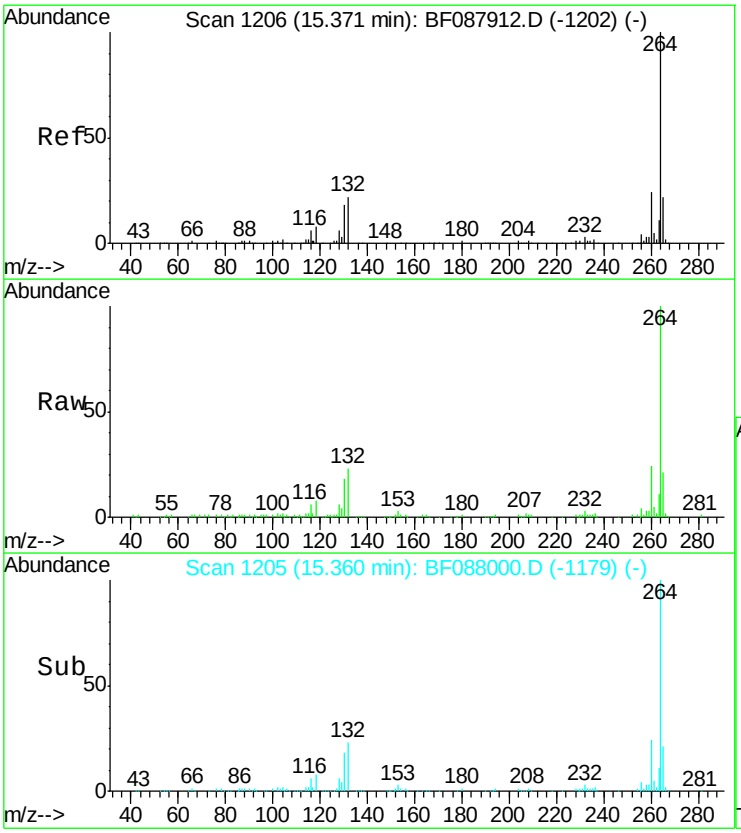
#82
Chrysene
Concen: 7.24 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 60358

Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.4	38.2
229	20.3	16.3	24.5

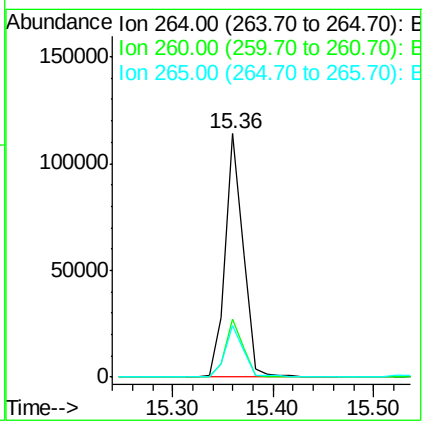


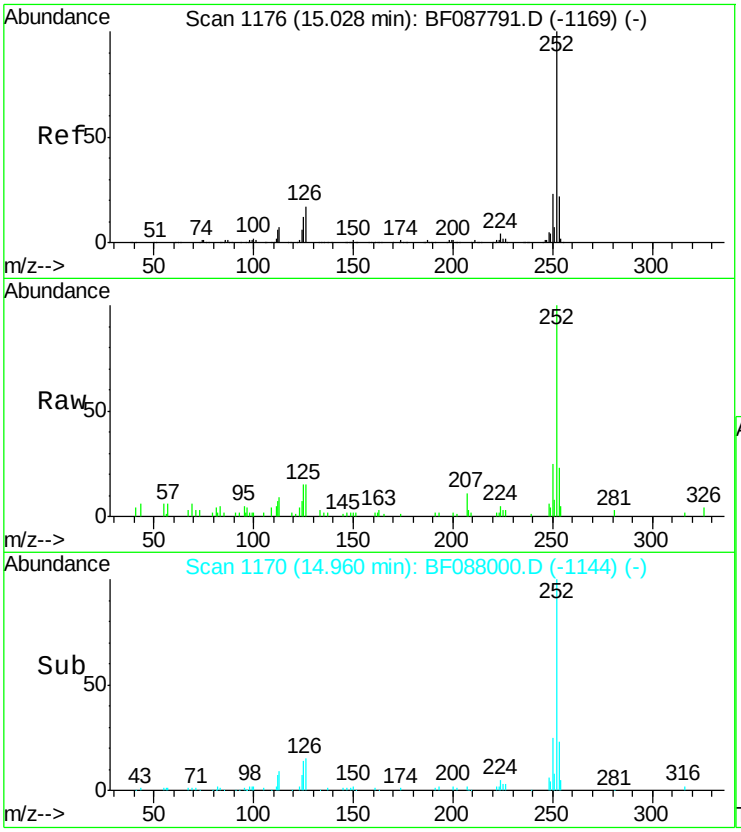


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:264 Resp: 141659

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	16.9	25.3



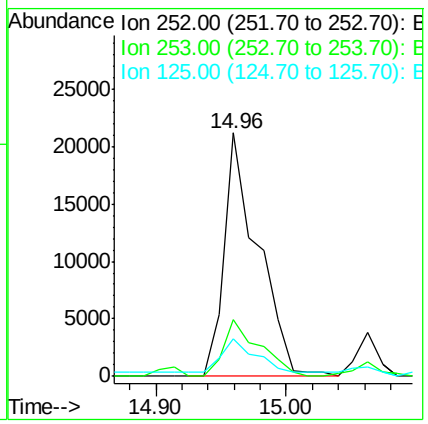


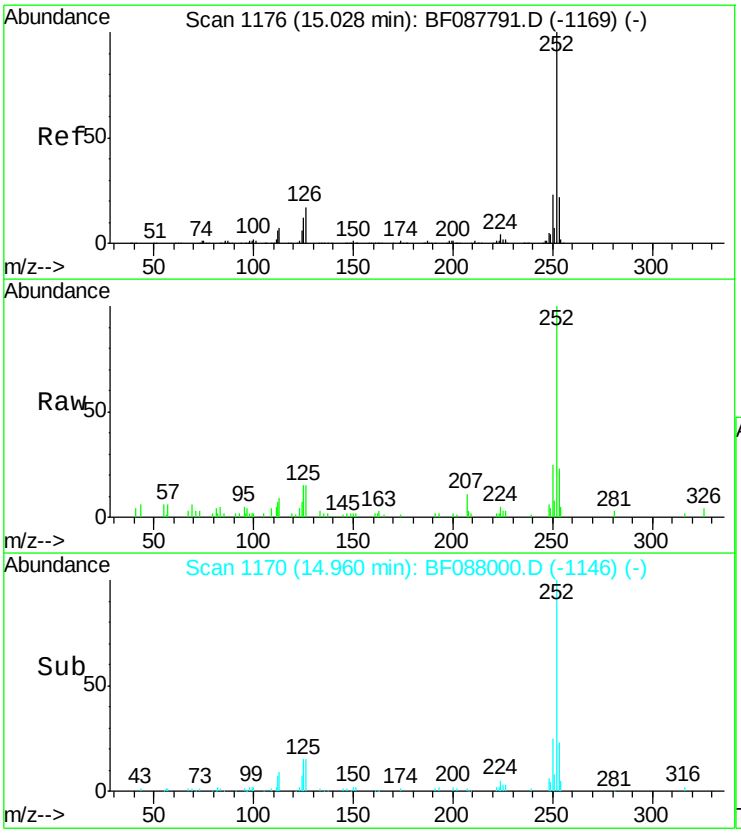
#87
Benzo(b)fluoranthene
Concen: 3.87 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 38178

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	15.4	7.1	10.7#

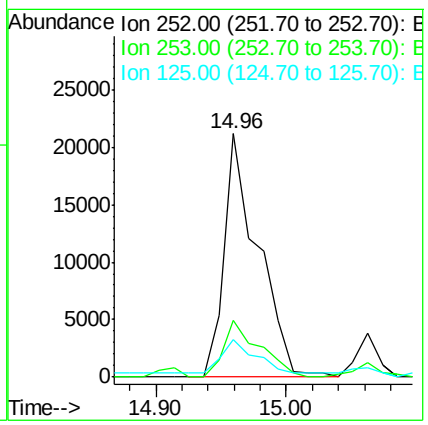


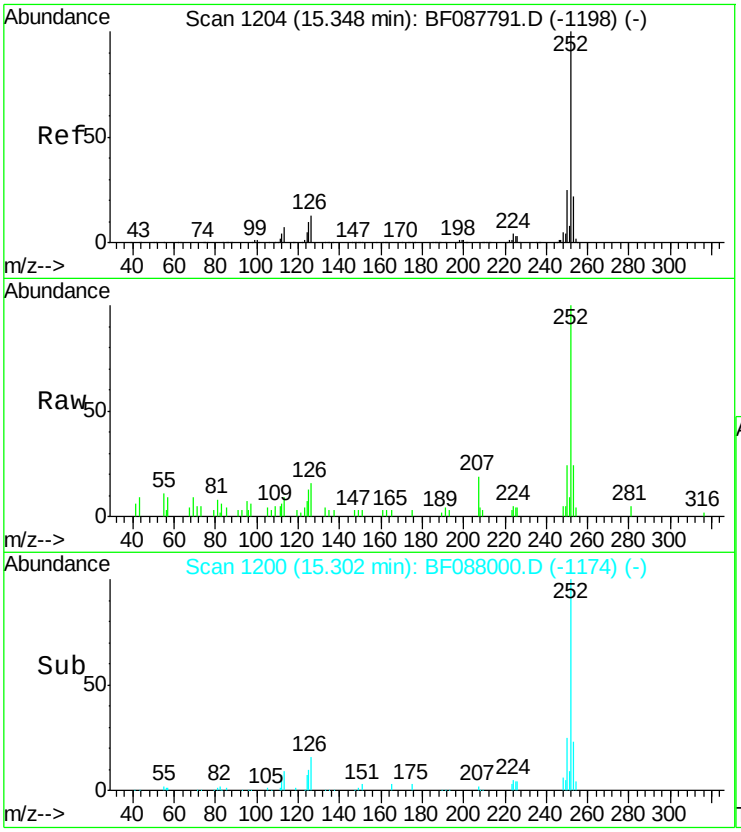


#88
Benzo(k)fluoranthene
Concen: 5.13 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Tgt Ion:252 Resp: 38178

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	15.4	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.04 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088000.D
Acq: 14 Jun 2016 10:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 16274

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	13.1	12.5	18.7