Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091772.D
Acq On : 19 Dec 2016 9:26
Operator : UM/SJ
Sample : H6007-04RE 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-10-10-15RE

Quant Time: Dec 19 17:43:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	215355m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	892616	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	422984	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	608138	20.00	ng		0.00
75) Chrysene-d12	13.93	240	417693	20.00	ng		0.00
86) Perylene-d12	15.33	264	450746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	355120	27.63	ng		-0.01
7) Phenol-d6	6.41	99	472412	30.13	ng		-0.01
23) Nitrobenzene-d5	7.33	82	268033	17.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	72940	20.34	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	511391	24.29	ng		-0.01
78) Terphenyl-d14	12.88	244	338410	20.46	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.05	79	81862	4.01	ng		97
9) Benzaldehyde	6.41	77	1833	Below Cal		#	1
49) Dimethylphthalate	9.53	163	68625	2.48	ng		100
51) Acenaphthene	9.84	154	105490	4.38	ng		98
54) Dibenzofuran	10.01	168	132299	4.62	ng		96
57) Fluorene	10.35	166	72420	3.25	ng		99
70) Phenanthrene	11.31	178	1642302	54.05	ng		99
71) Anthracene	11.36	178	400046	12.43	ng		98
72) Carbazole	11.52	167	148742	5.28	ng		98
74) Fluoranthene	12.50	202	1995045	62.86	ng		100
77) Pyrene	12.73	202	1577487	52.30	ng		99
80) Benzo(a)anthracene	13.92	228	909227m	38.06	ng		
82) Chrysene	13.95	228	829268m	33.49	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	339088	18.93	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.68	276	517298	21.24	ng		94
87) Benzo(b)fluoranthene	14.95	252	1262356m	44.17	ng		
88) Benzo(k)fluoranthene	14.96	252	319203m	15.92	ng		
89) Benzo(a)pyrene	15.28	252	782593	31.90	ng		97
90) Dibenzo(a,h)anthracene	16.69	278	137280	6.42	ng		95
91) Benzo(g,h,i)perylene	17.09	276	450636	20.74	ng		96

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

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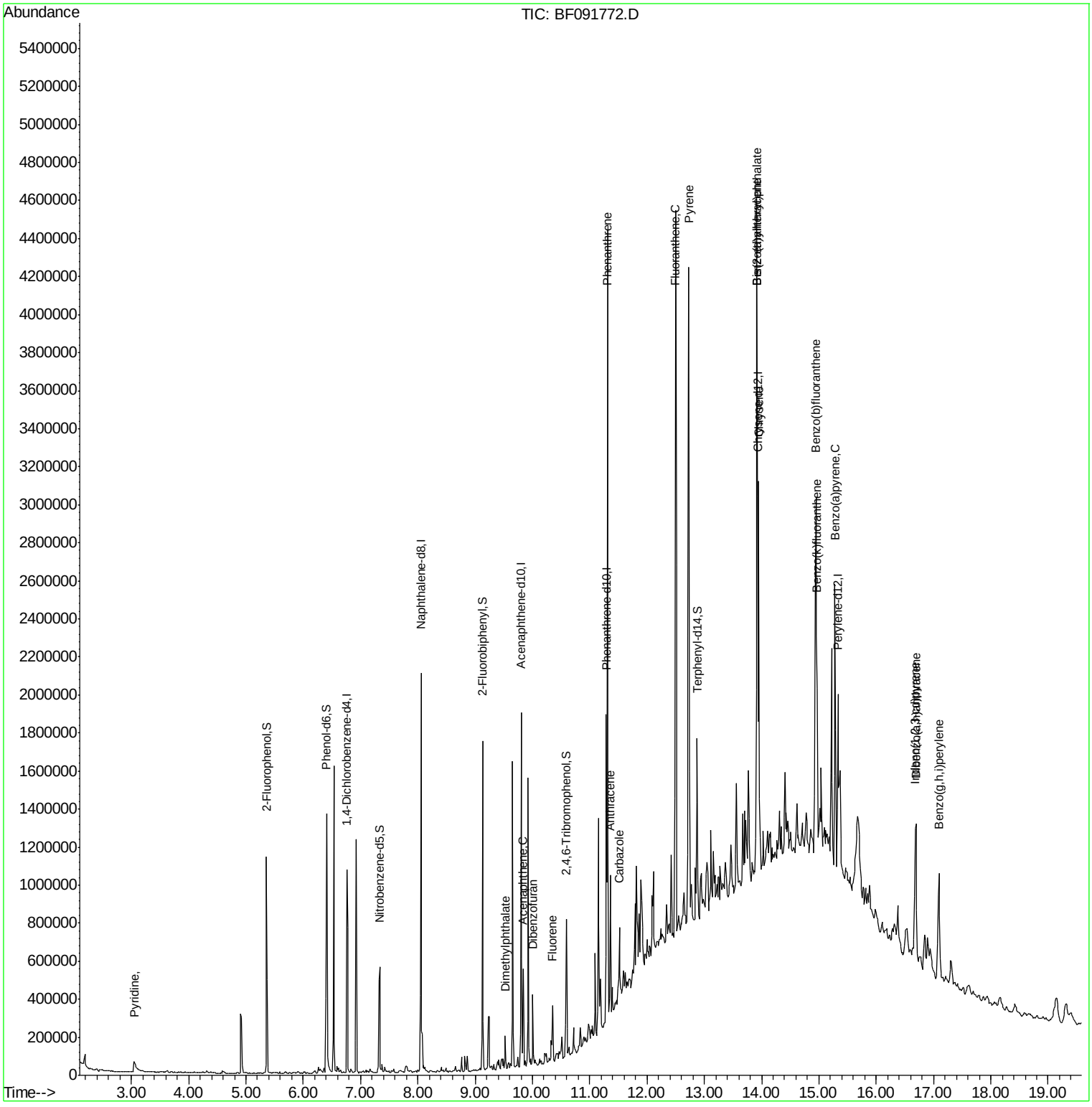
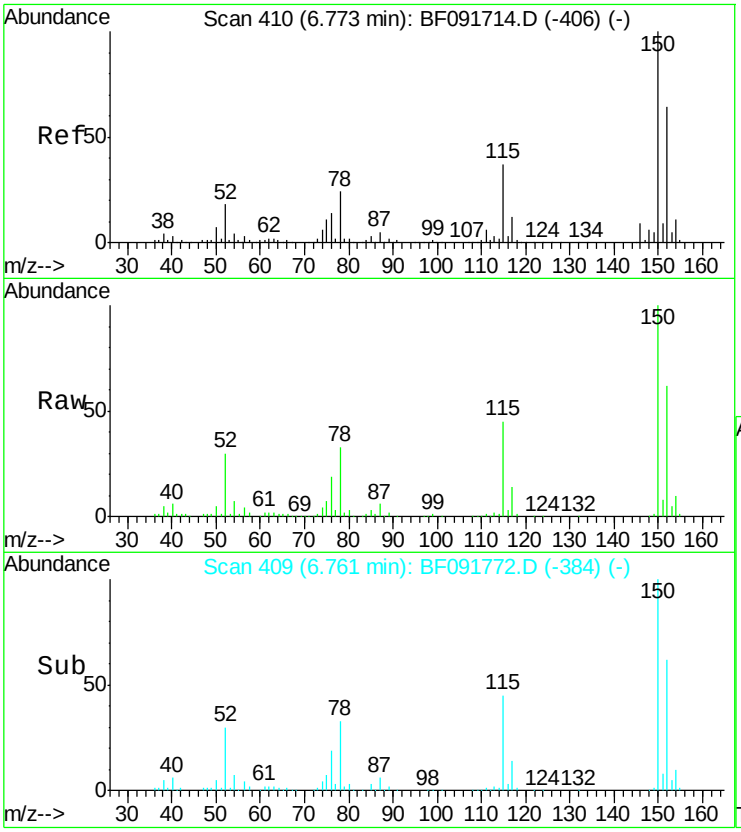


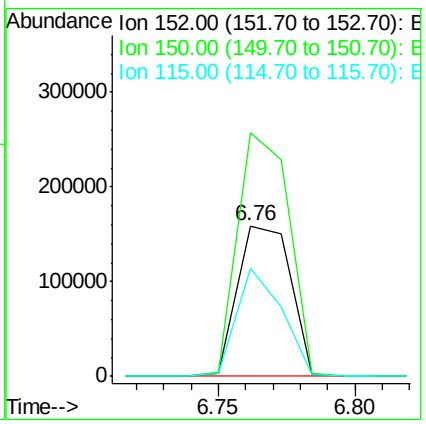


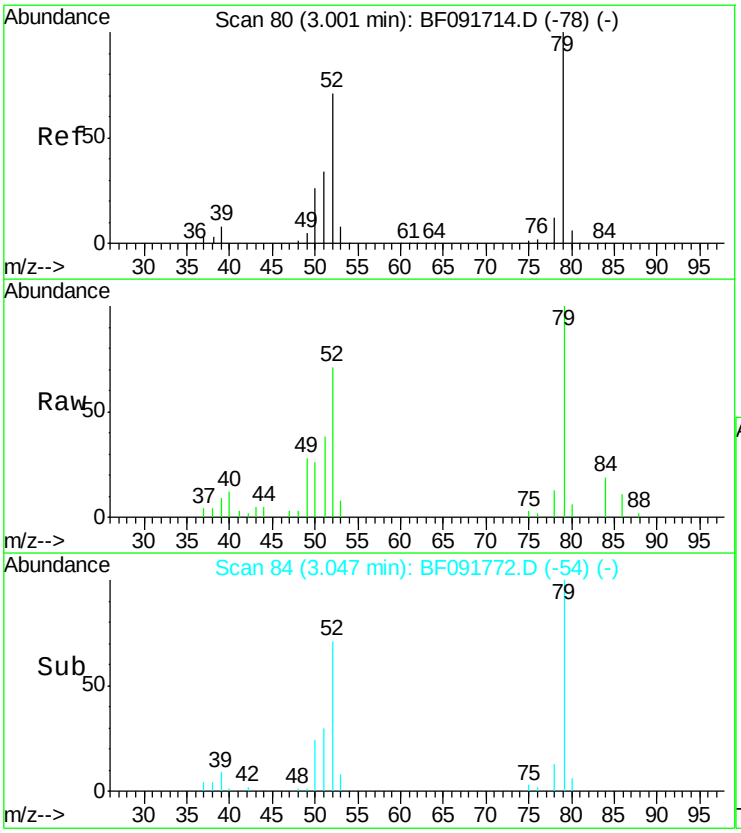
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:152 Resp: 215355

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.9	187.3
115	72.3	46.0	69.0#

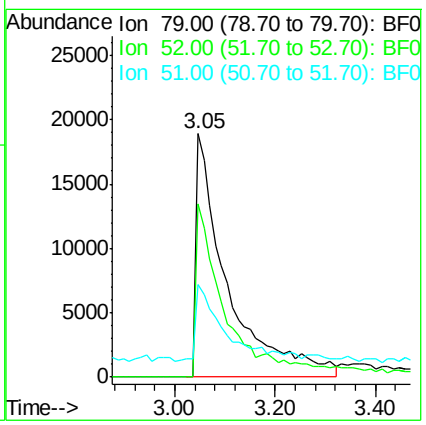


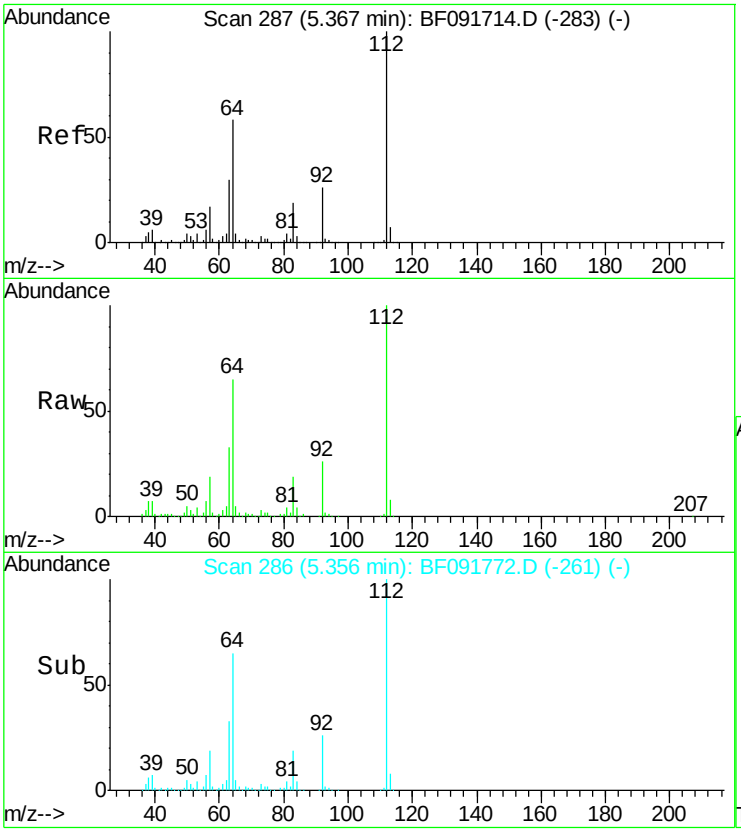


#3
Pyridine
Concen: 4.01 ng
RT: 3.05 min Scan# 84
Delta R.T. 0.05 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion: 79 Resp: 81862

Ion	Ratio	Lower	Upper
79	100		
52	70.9	57.1	85.7
51	38.2	27.3	40.9



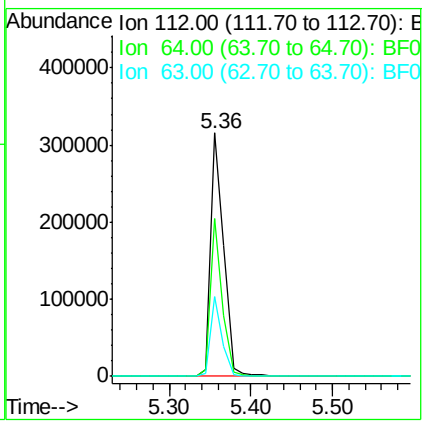


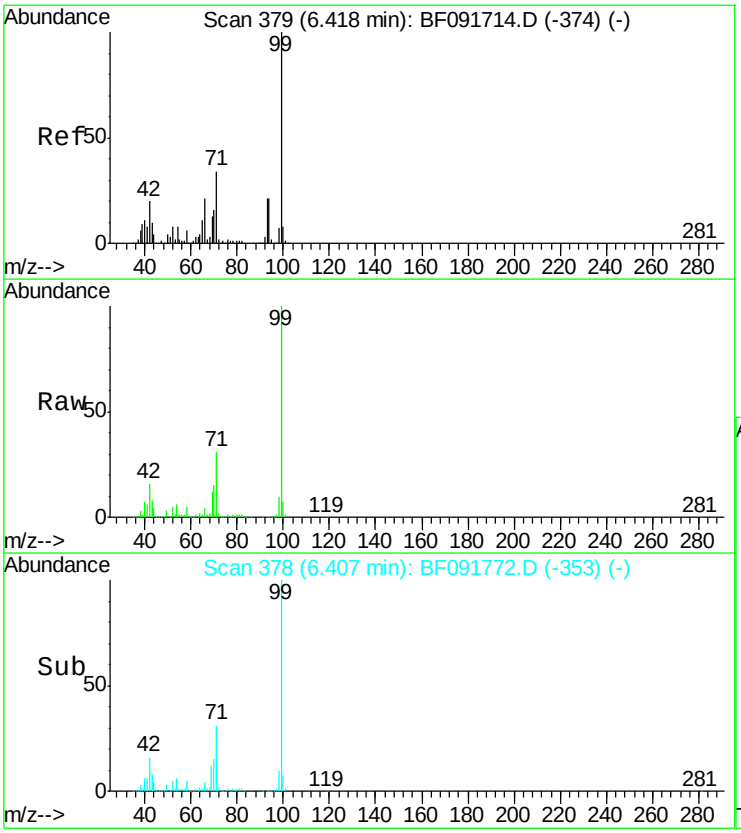
#5
2-Fluorophenol
Concen: 27.63 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:112 Resp: 355120

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.1	69.1
63	32.6	23.8	35.6

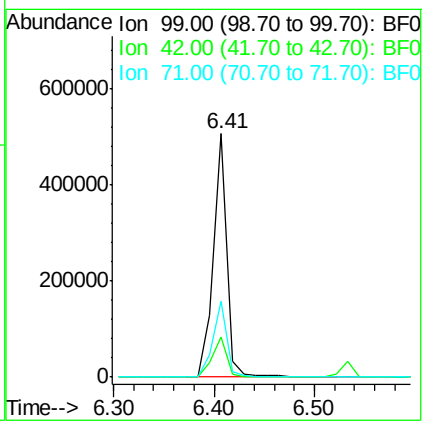


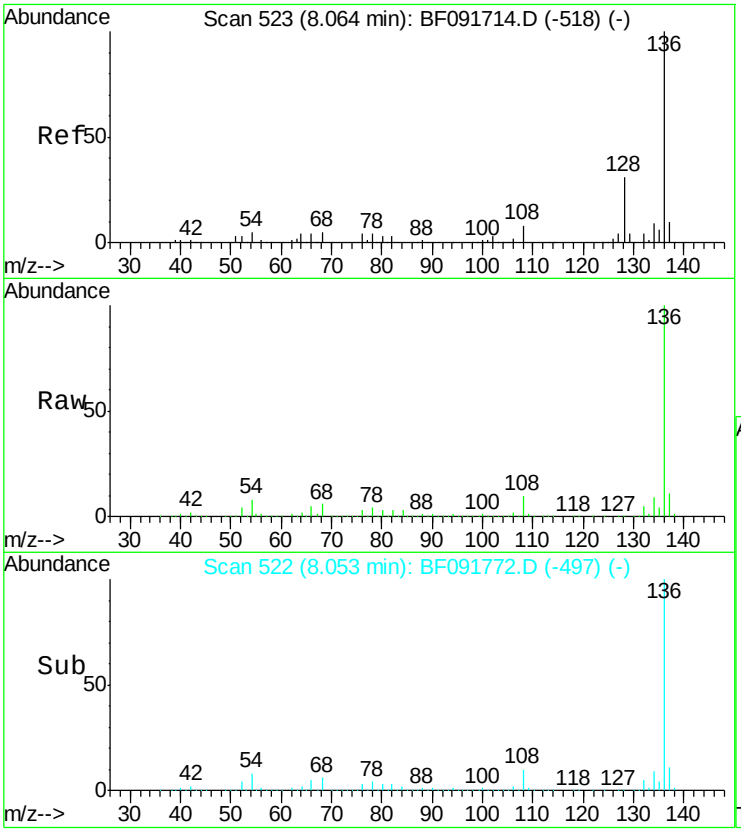


#7
Phenol-d6
Concen: 30.13 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion: 99 Resp: 472412

Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.6	23.4
71	31.3	27.5	41.3



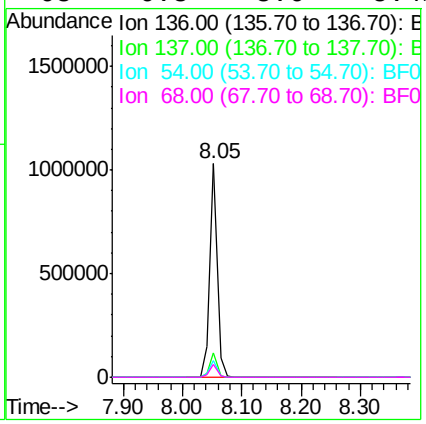


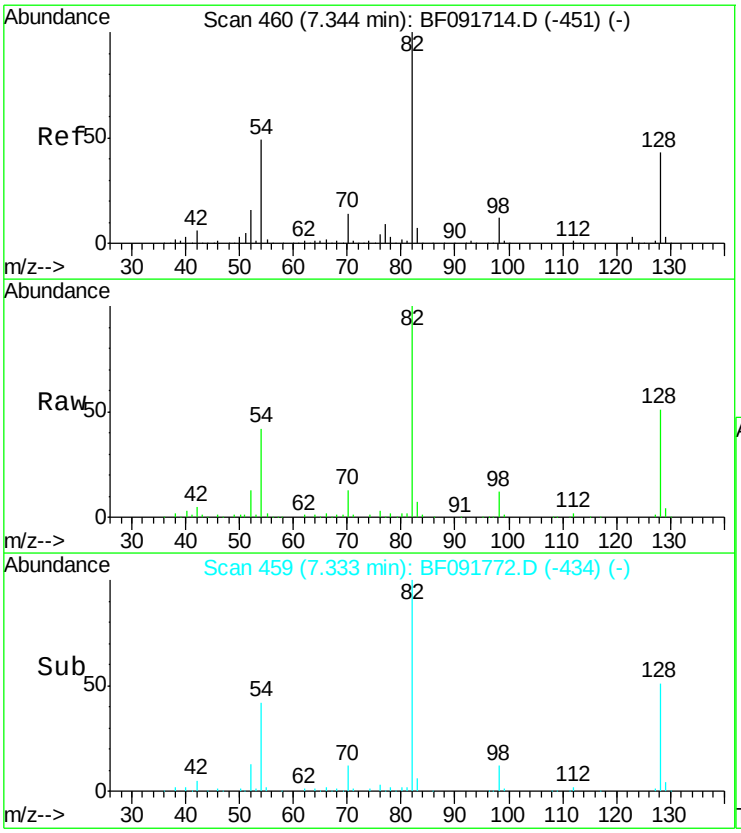
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:136 Resp: 892616

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.0	4.5	6.7#
68	6.3	3.6	5.4#

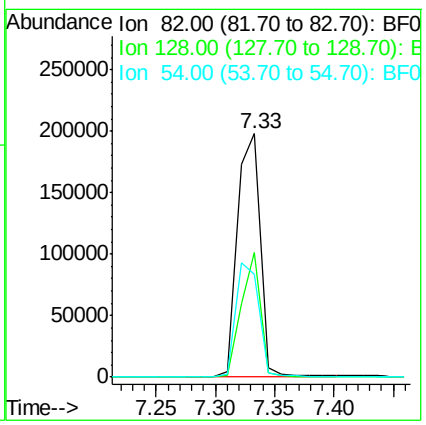


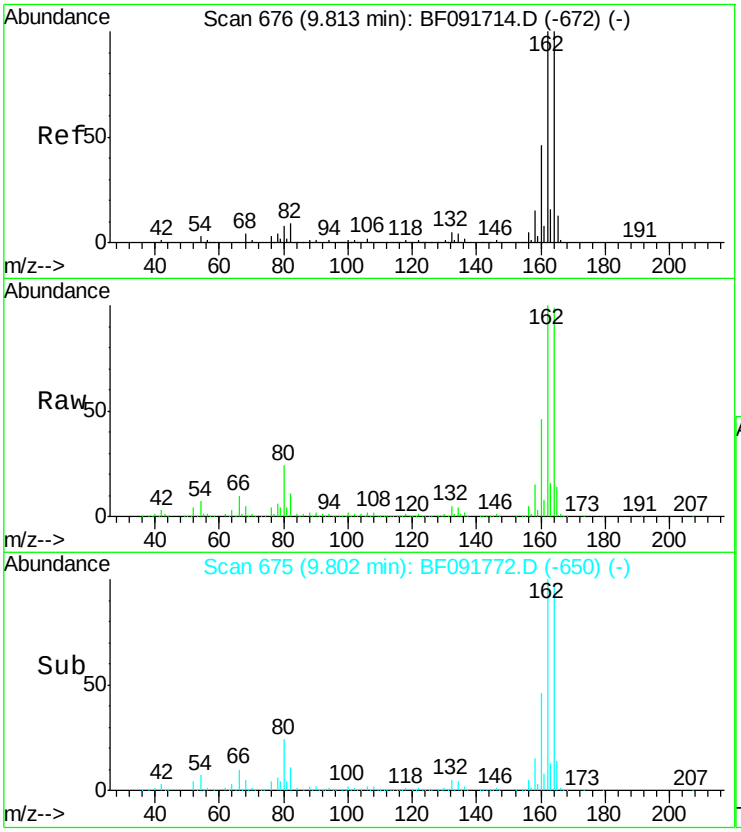


#23
Nitrobenzene-d5
Concen: 17.32 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion: 82 Resp: 268033

Ion	Ratio	Lower	Upper
82	100		
128	51.4	34.6	52.0
54	42.2	39.5	59.3



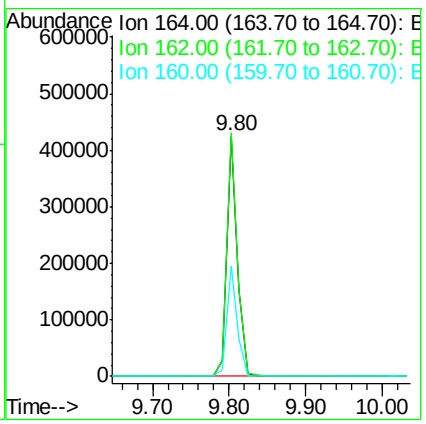


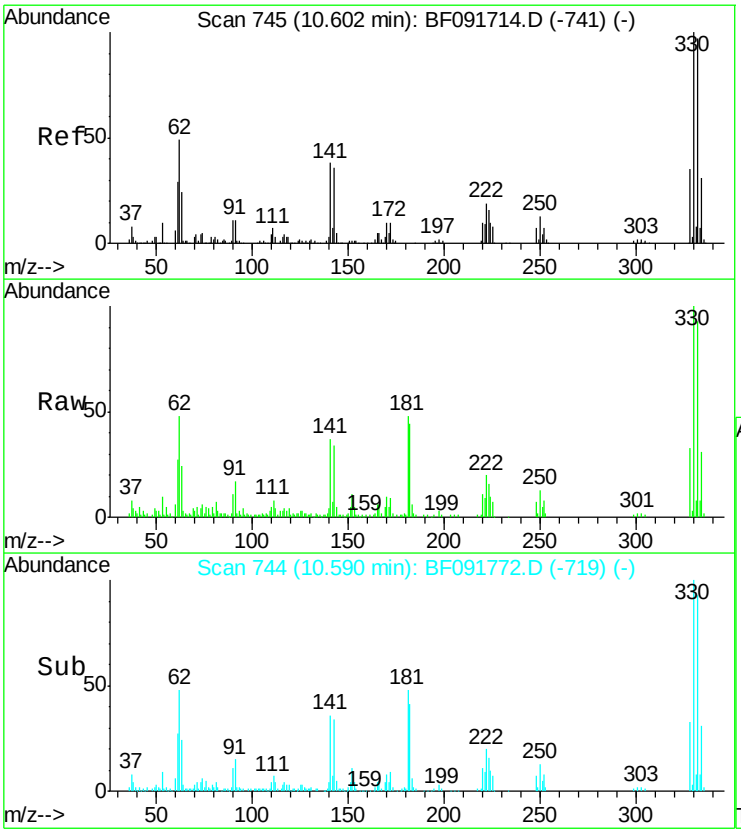
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:164 Resp: 422984

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	46.2	36.9	55.3

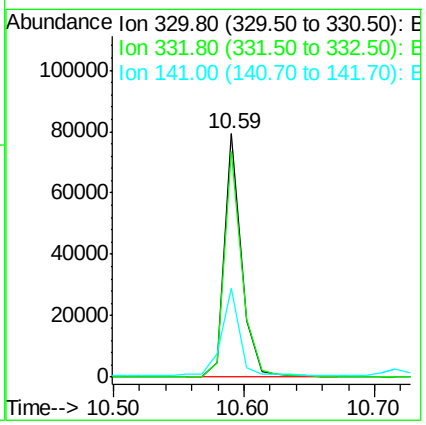


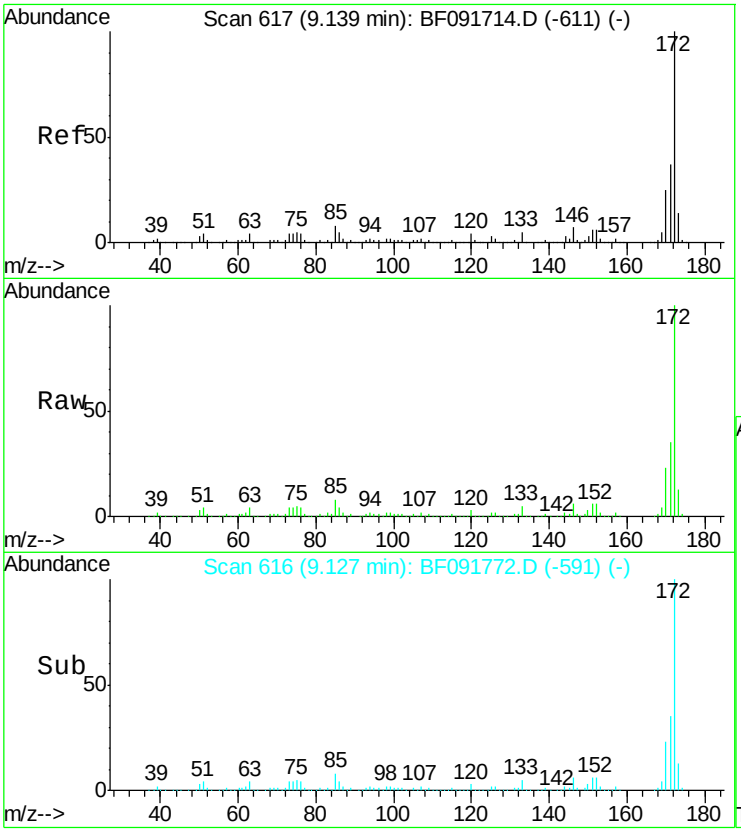


#41
2,4,6-Tribromophenol
Concen: 20.34 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:330 Resp: 72940

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	37.4	34.1	51.1



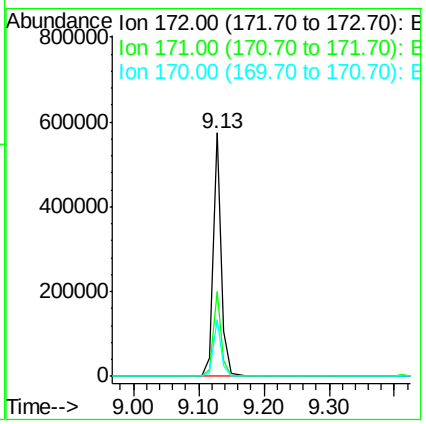


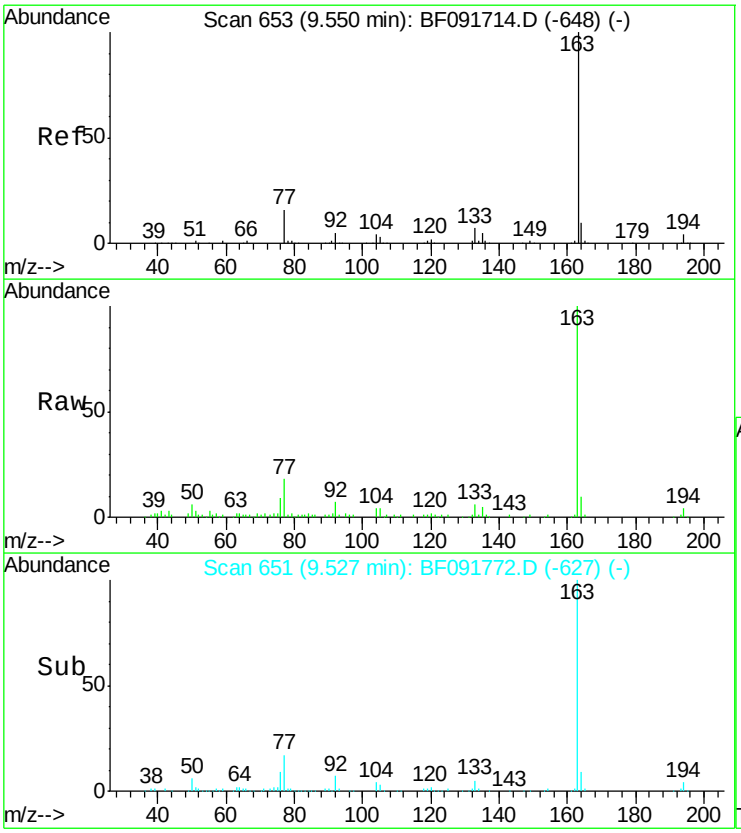
#44
2-Fluorobiphenyl
Concen: 24.29 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:172 Resp: 511391

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.4	20.2	30.4

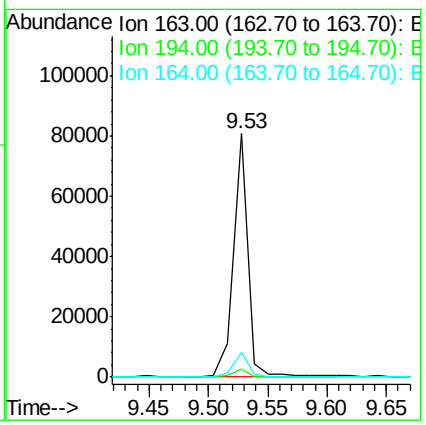


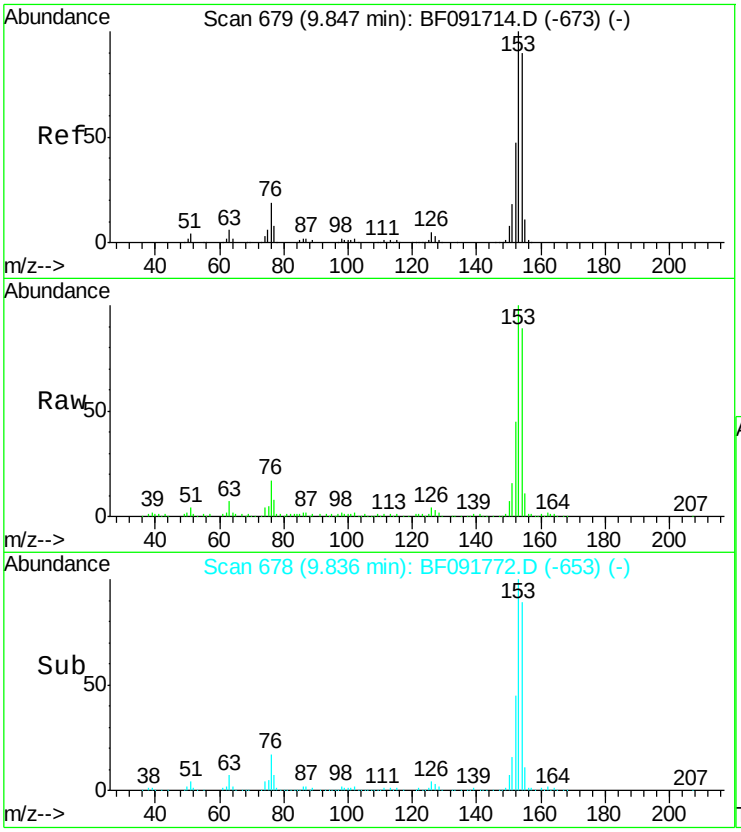


#49
Dimethylphthalate
Concen: 2.48 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:163 Resp: 68625

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0



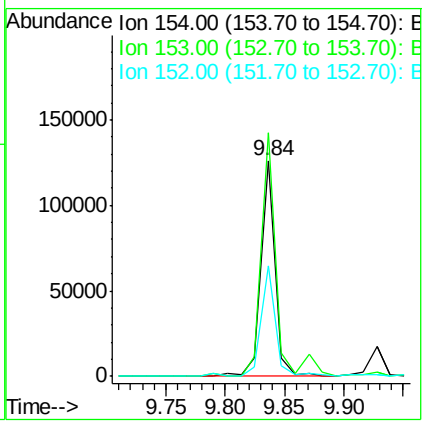


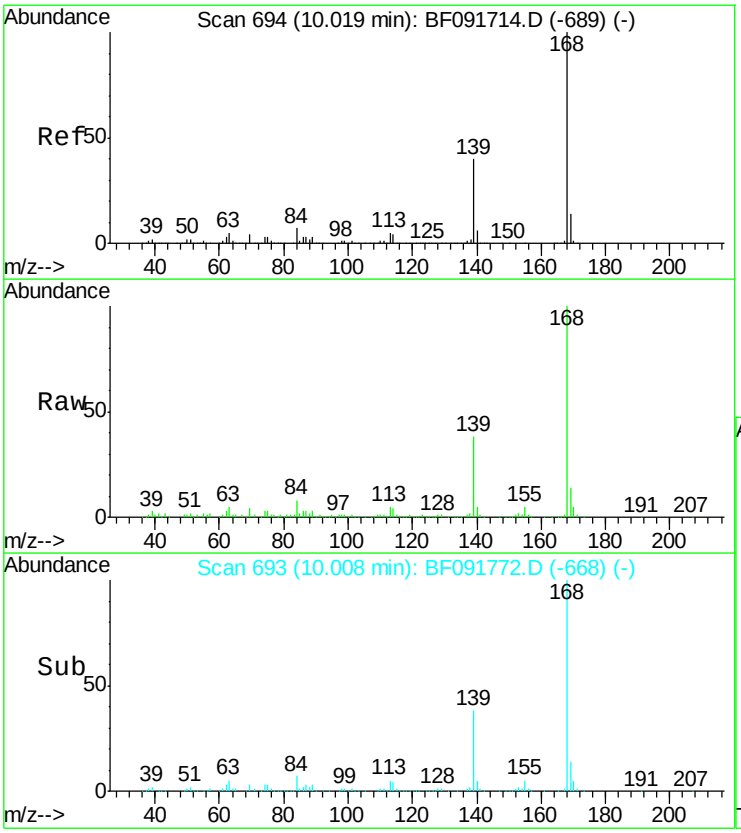
#51
Acenaphthene
Concen: 4.38 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:154 Resp: 105490

Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.6	133.0
152	51.3	41.6	62.4

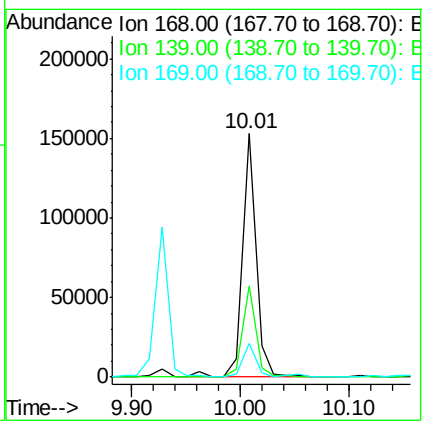


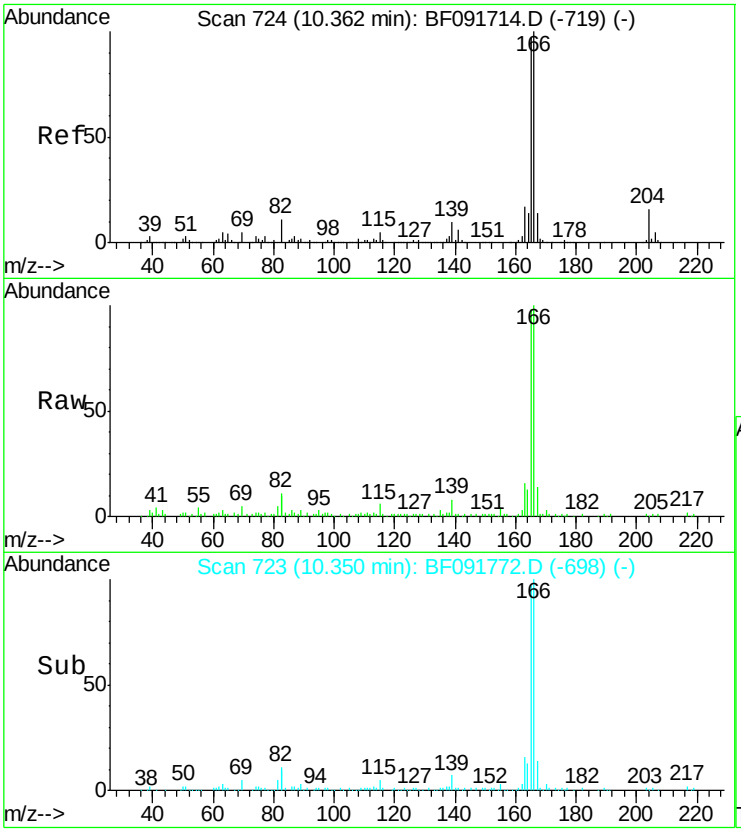


#54
Dibenzofuran
Concen: 4.62 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:168 Resp: 132299

Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.6	49.0
169	13.9	11.3	16.9



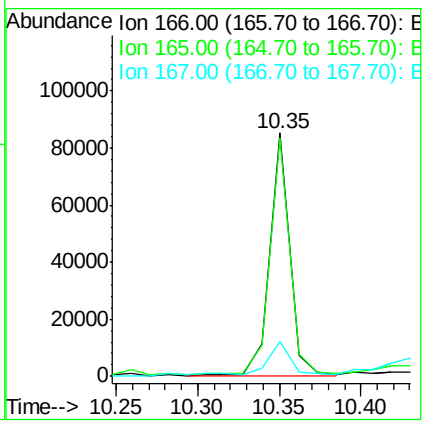


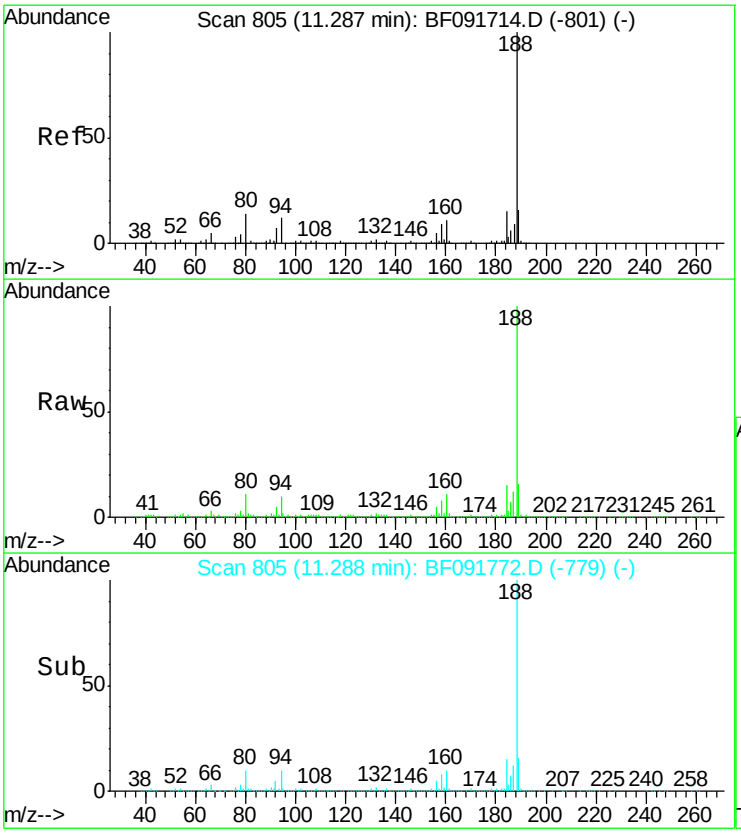
#57
Fluorene
Concen: 3.25 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:166 Resp: 72420

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	14.4	10.8	16.2

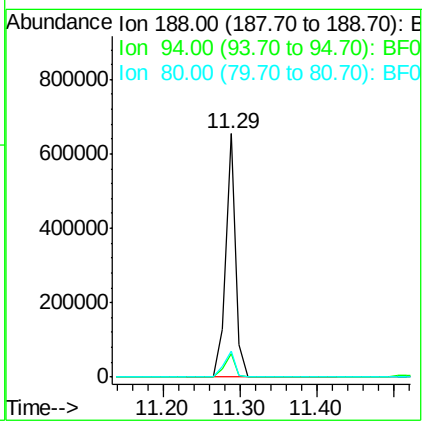


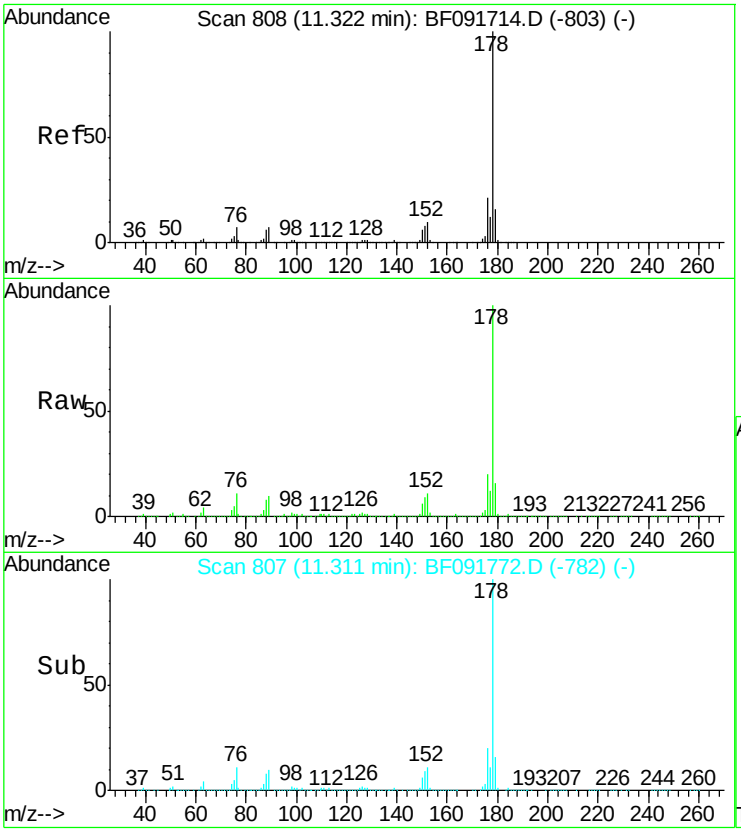


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:188 Resp: 608138

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.0	15.0#
80	10.6	11.2	16.8#



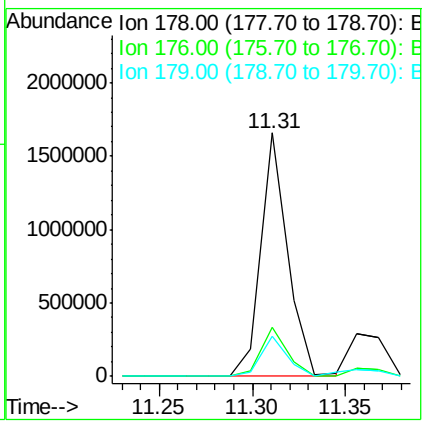


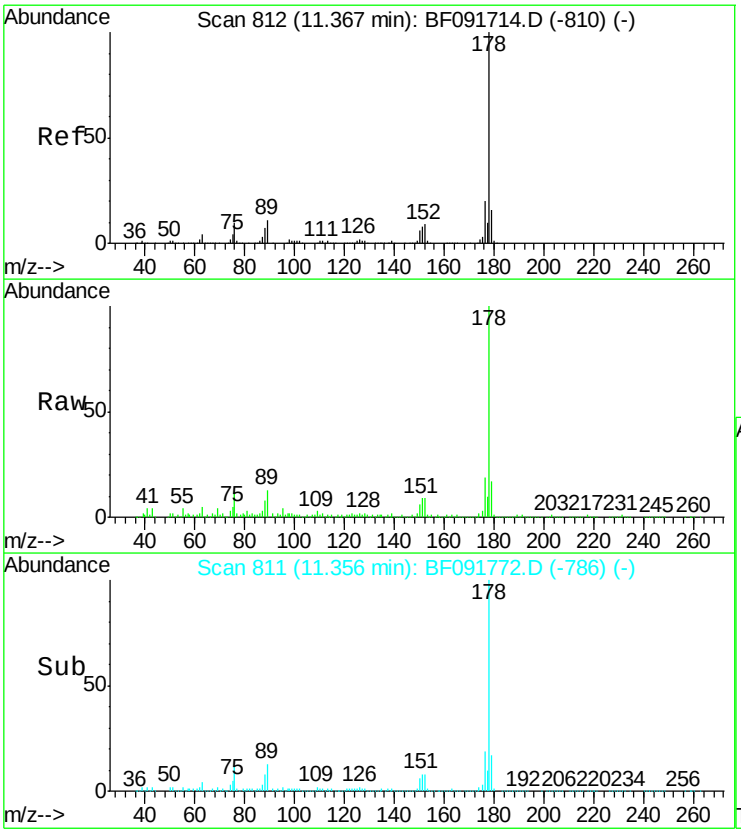
#70
Phenanthrene
Concen: 54.05 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:178 Resp: 1642302

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.3	12.8	19.2

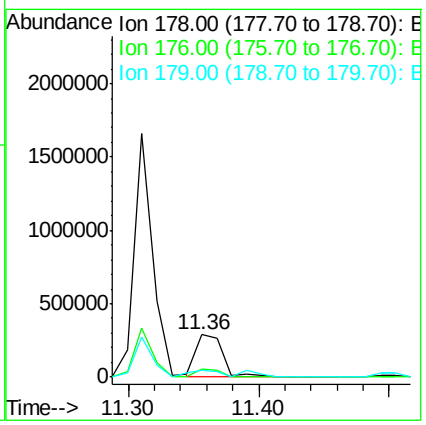


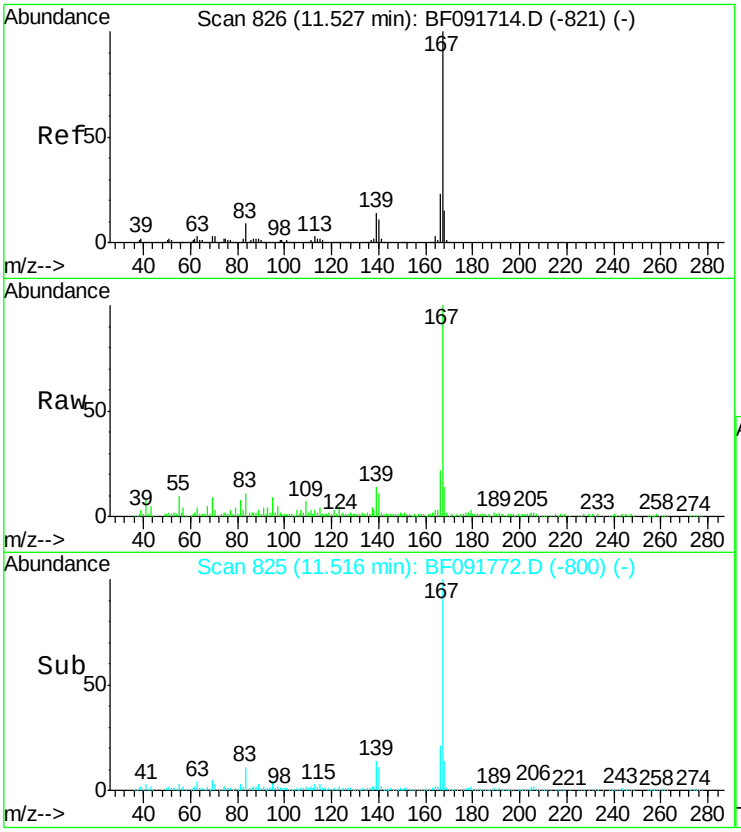


#71
Anthracene
Concen: 12.43 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:178 Resp: 400046

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	16.7	13.2	19.8



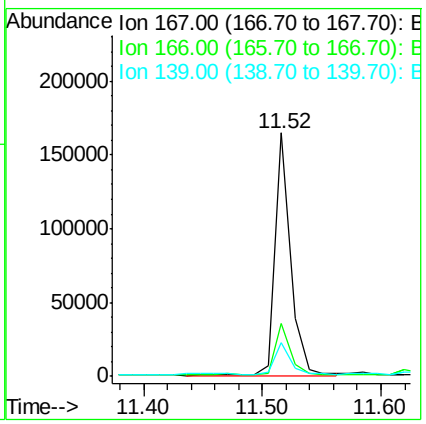


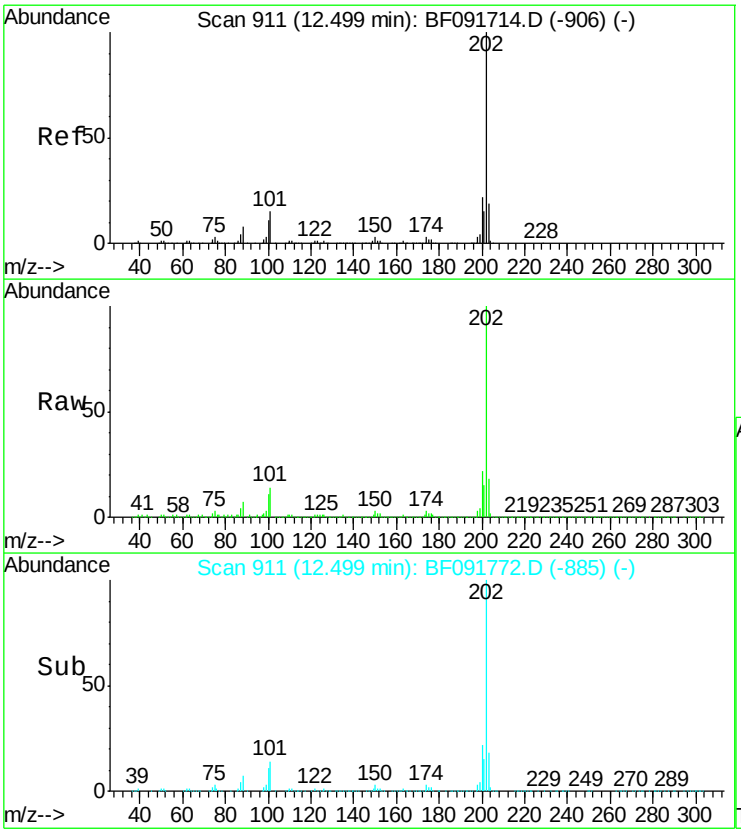
#72
Carbazole
Concen: 5.28 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:167 Resp: 148742

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	14.1	11.4	17.2

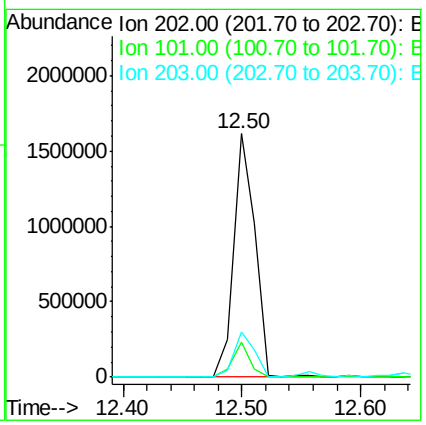


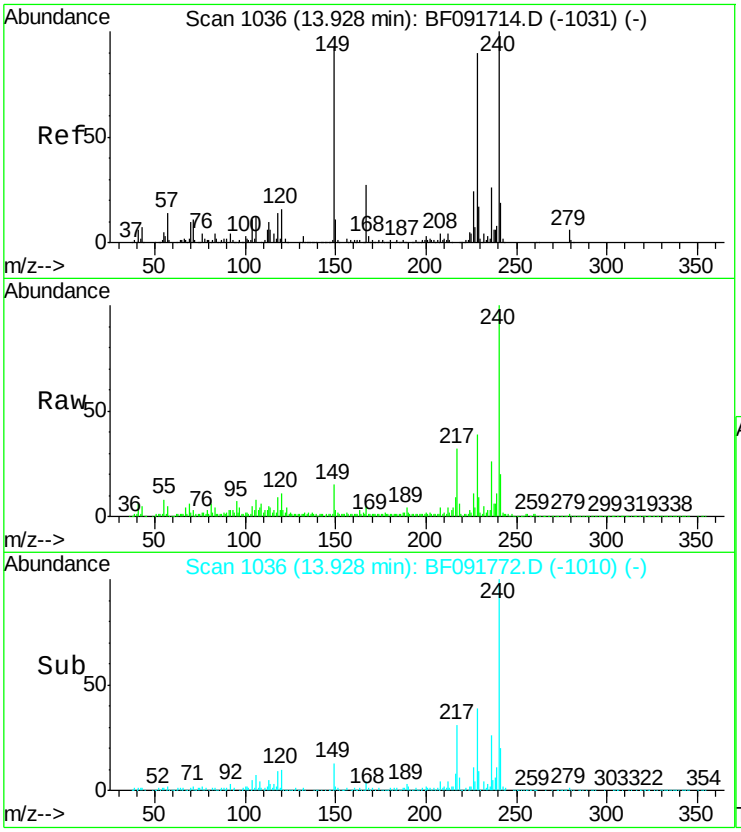


#74
Fluoranthene
Concen: 62.86 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:202 Resp: 1995045

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	18.5	0.0	38.7



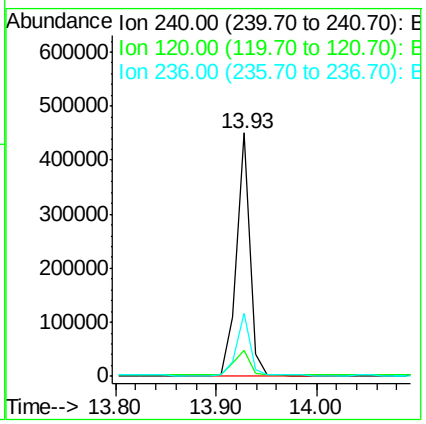


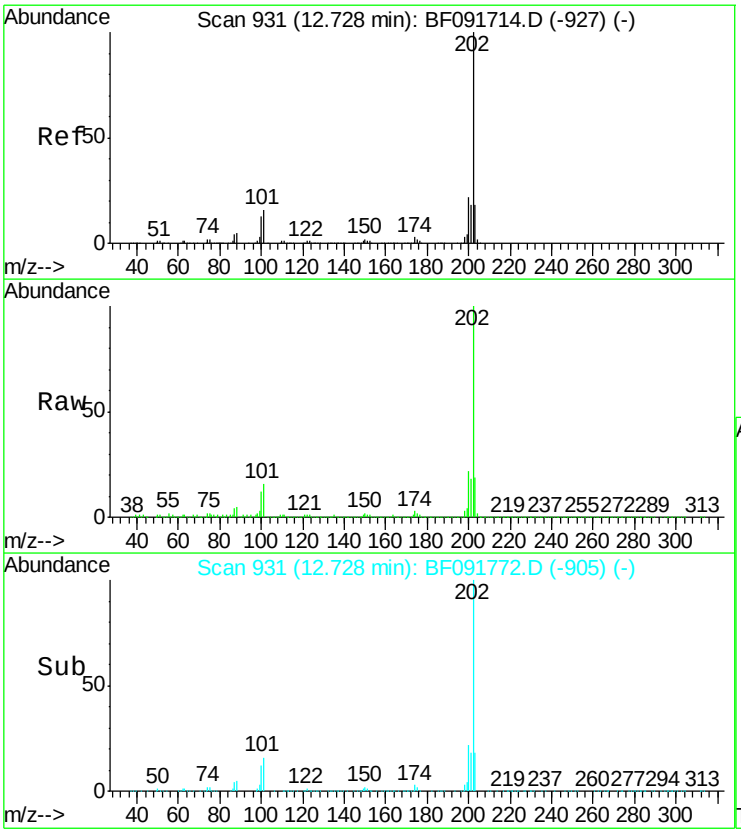
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:240 Resp: 417693

Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.9	19.3#
236	26.0	20.9	31.3

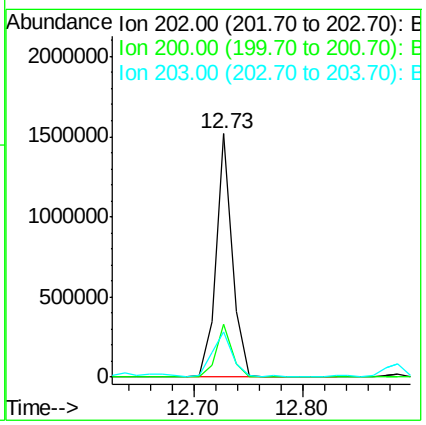


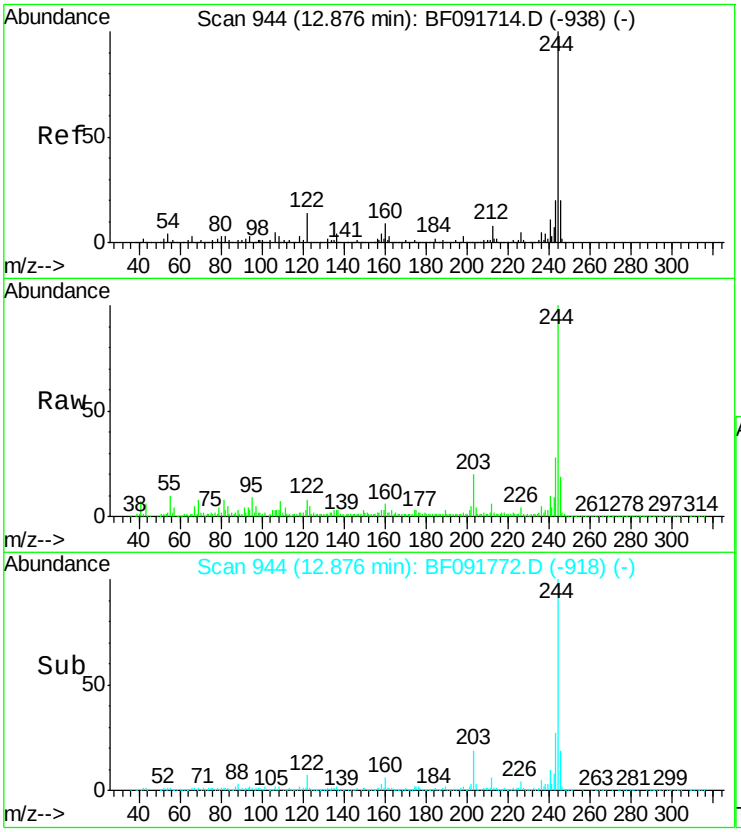


#77
Pyrene
Concen: 52.30 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:202 Resp: 1577487

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.6	14.7	22.1



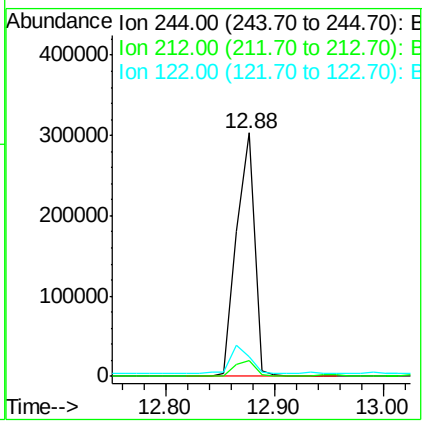


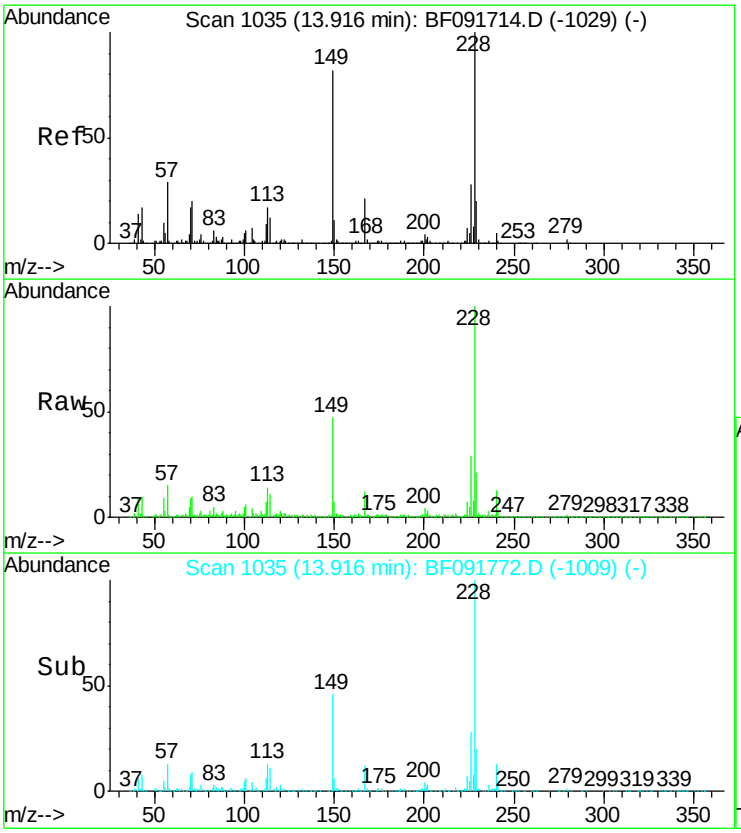
#78
Terphenyl-d14
Concen: 20.46 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:244 Resp: 338410

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	8.0	11.4	17.2#

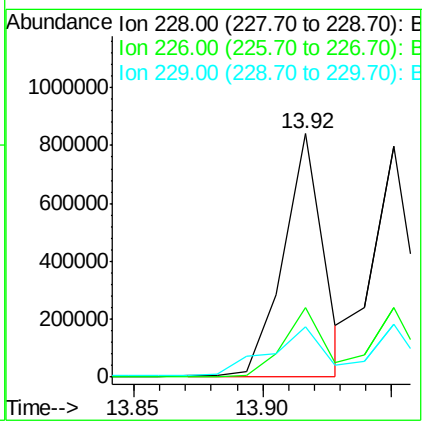


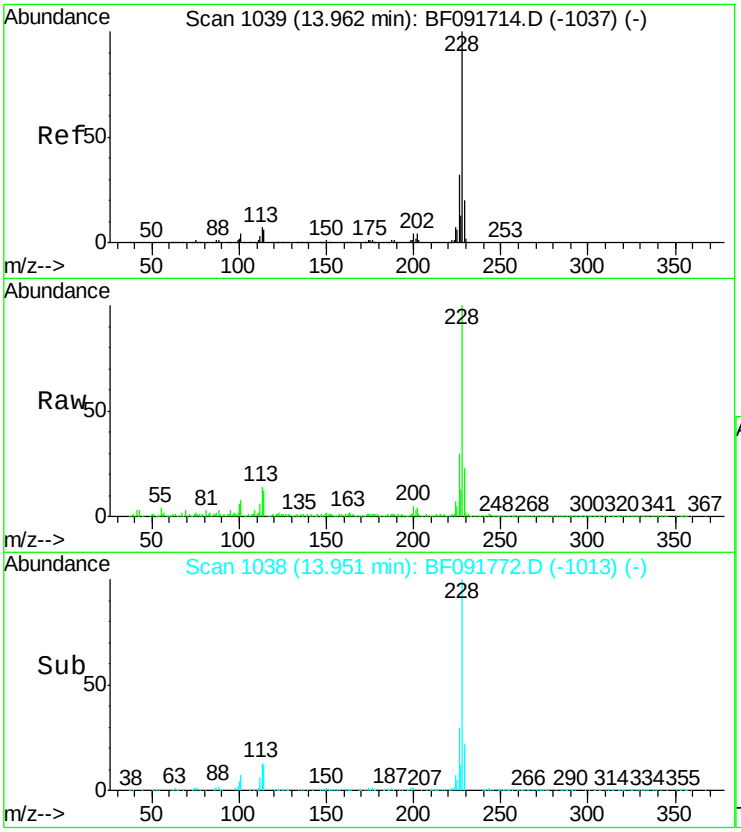


#80
Benzo(a)anthracene
Concen: 38.06 ng m
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:228 Resp: 909227

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	20.8	16.2	24.4



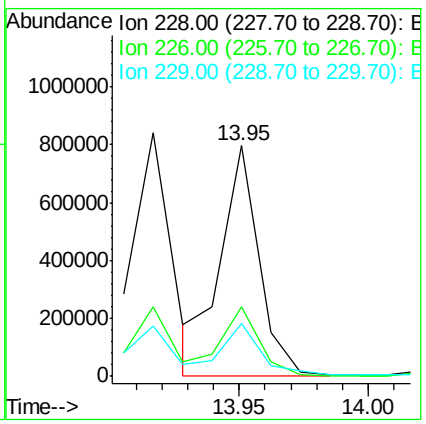


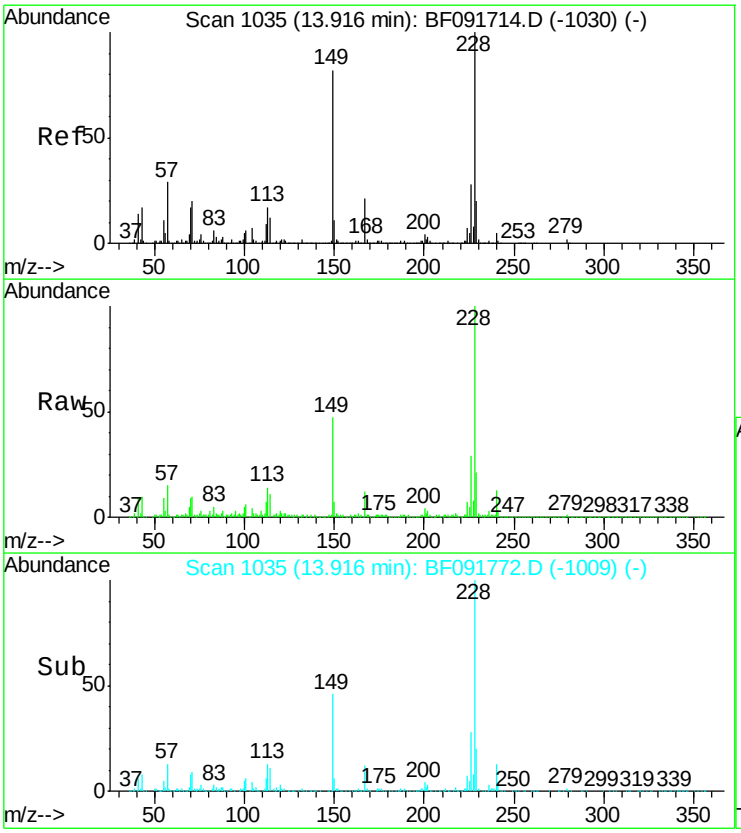
#82
Chrysene
Concen: 33.49 ng m
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:228 Resp: 829268

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	23.1	16.2	24.2

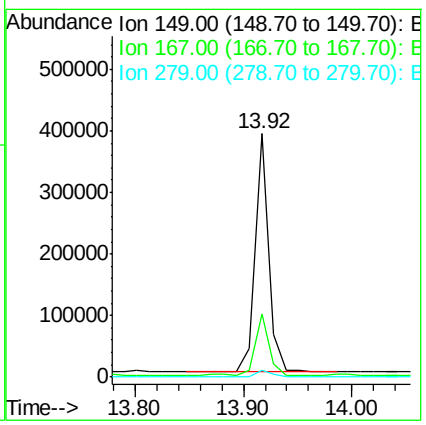


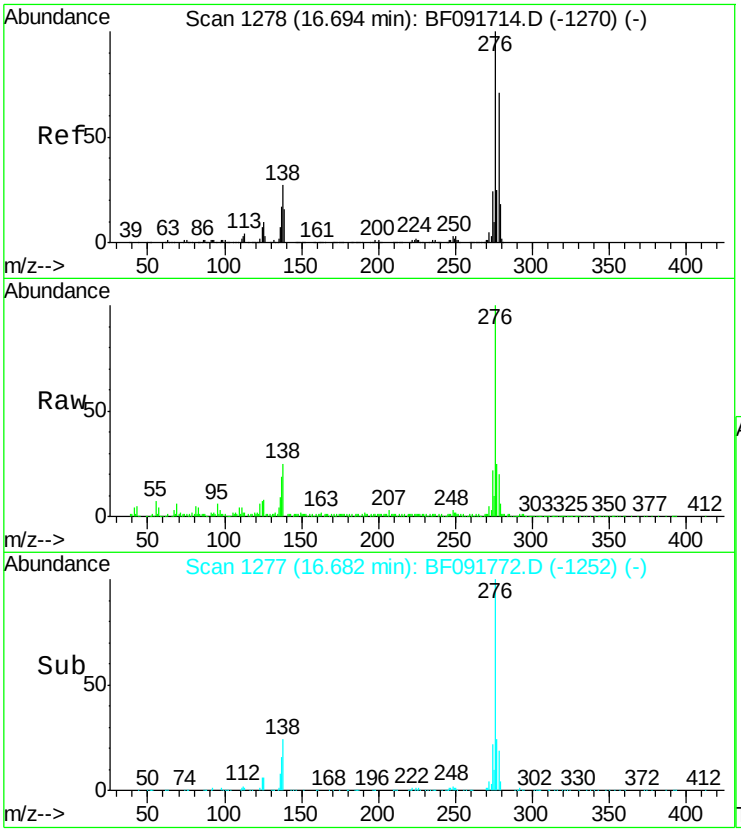


#83
Bis(2-ethylhexyl)phthalate
Concen: 18.93 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:149 Resp: 339088

Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.2	30.4
279	2.9	1.8	2.8#



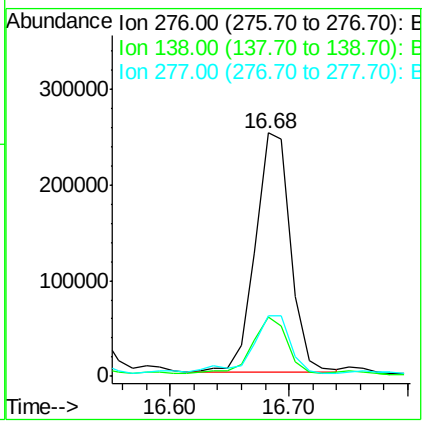


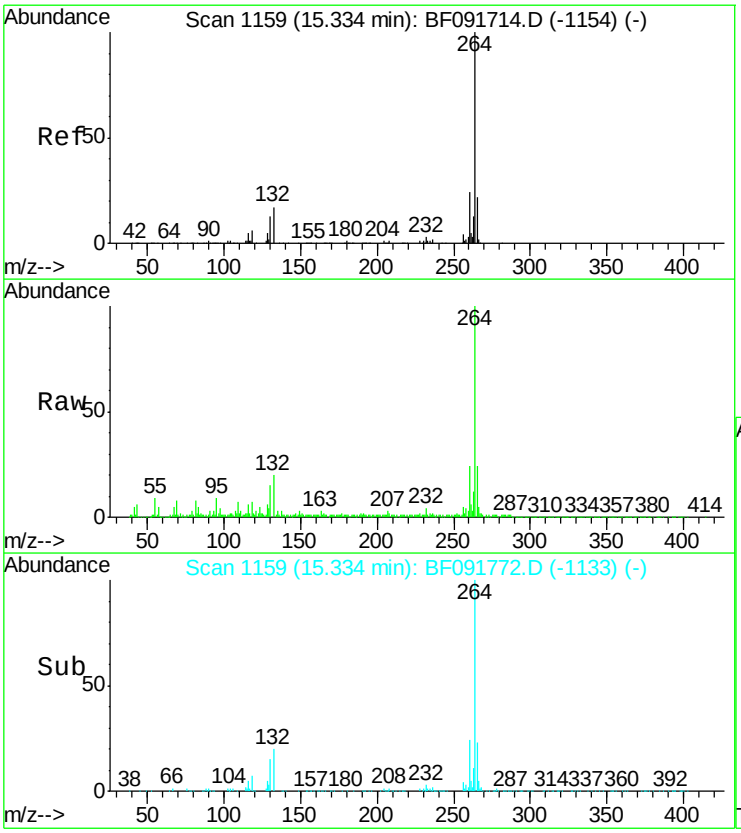
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.24 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:276 Resp: 517298

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.8	32.6
277	28.0	20.2	30.4

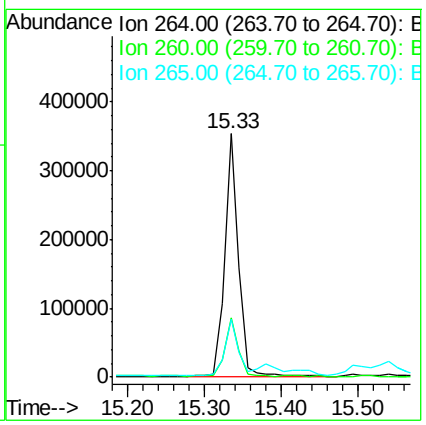


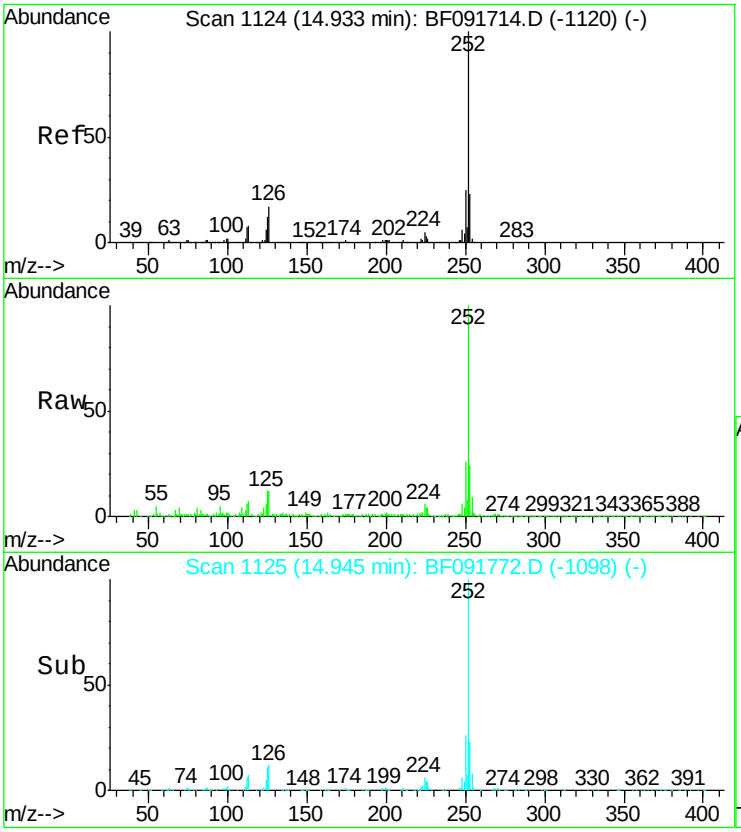


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:264 Resp: 450746

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.9	17.4	26.0



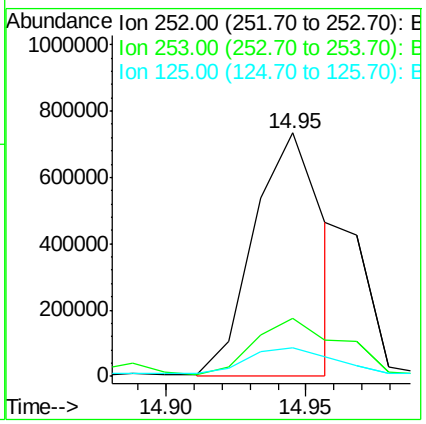


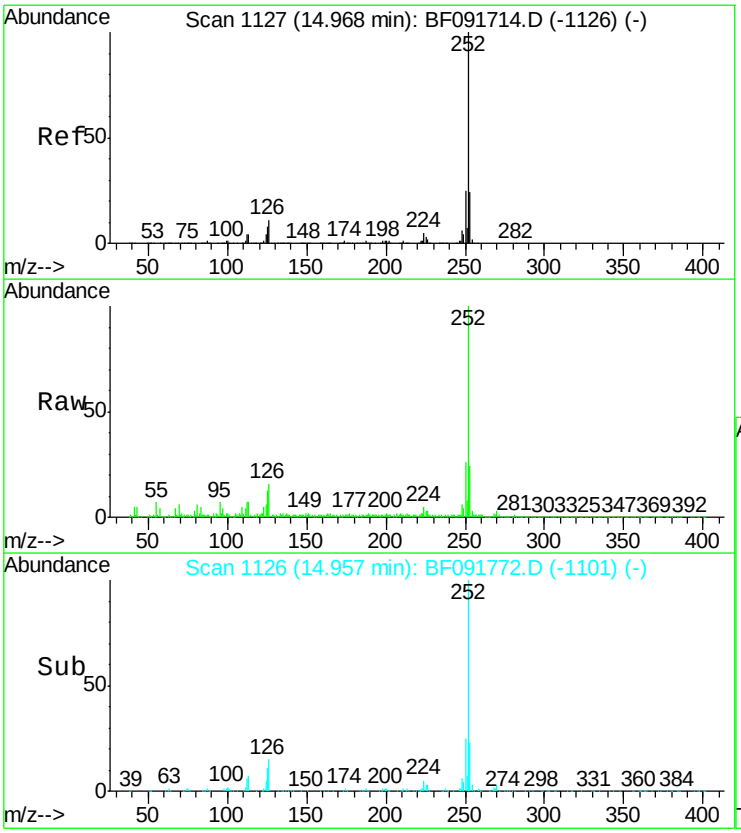
#87
Benzo(b)fluoranthene
Concen: 44.17 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:252 Resp: 1262356

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	11.8	9.8	14.6

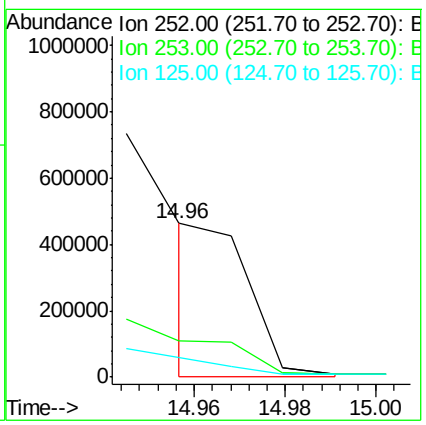


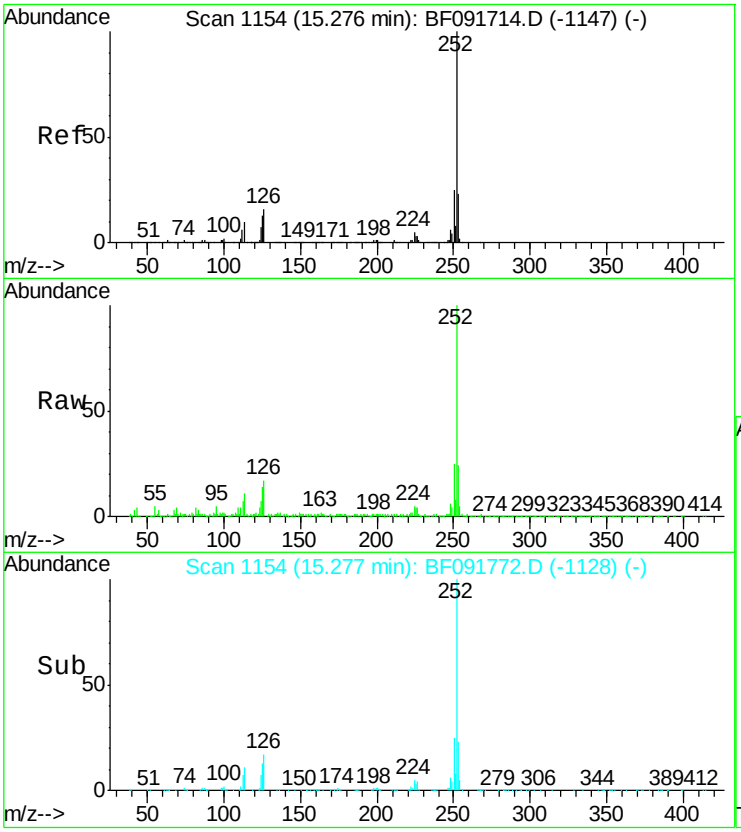


#88
Benzo(k)fluoranthene
Concen: 15.92 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:252 Resp: 319203

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	13.1	8.9	13.3



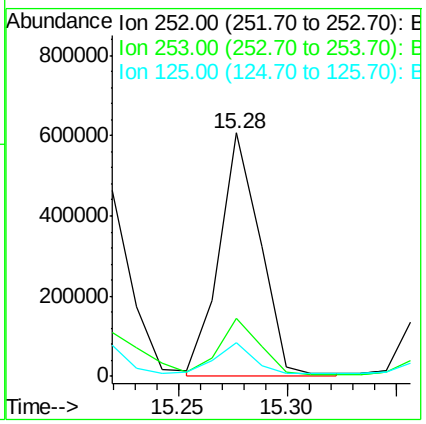


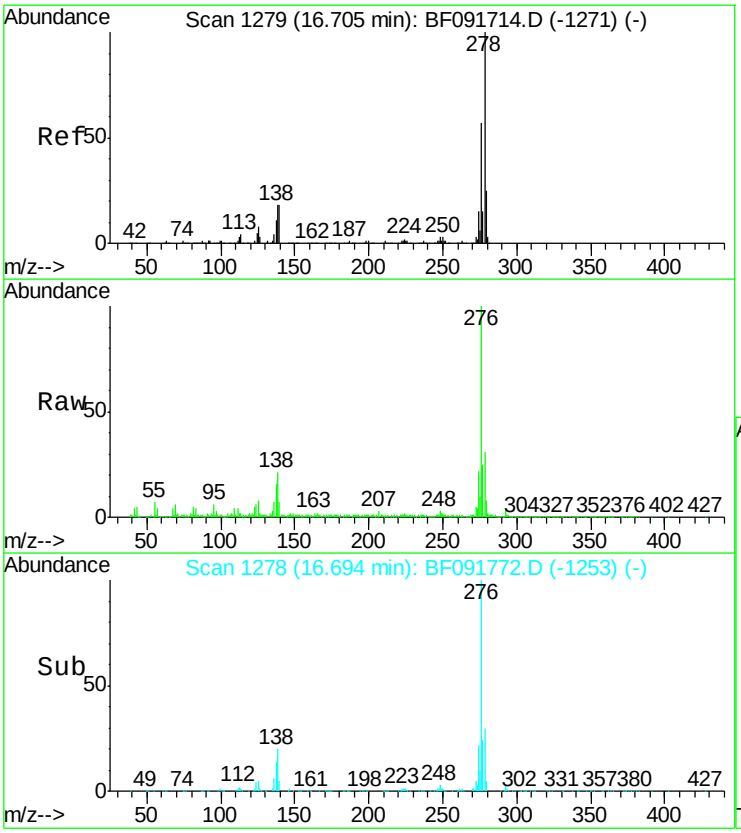
#89
Benzo(a)pyrene
Concen: 31.90 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:252 Resp: 782593

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	13.8	10.0	15.0

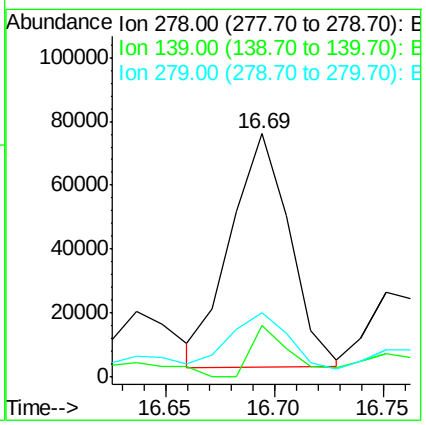


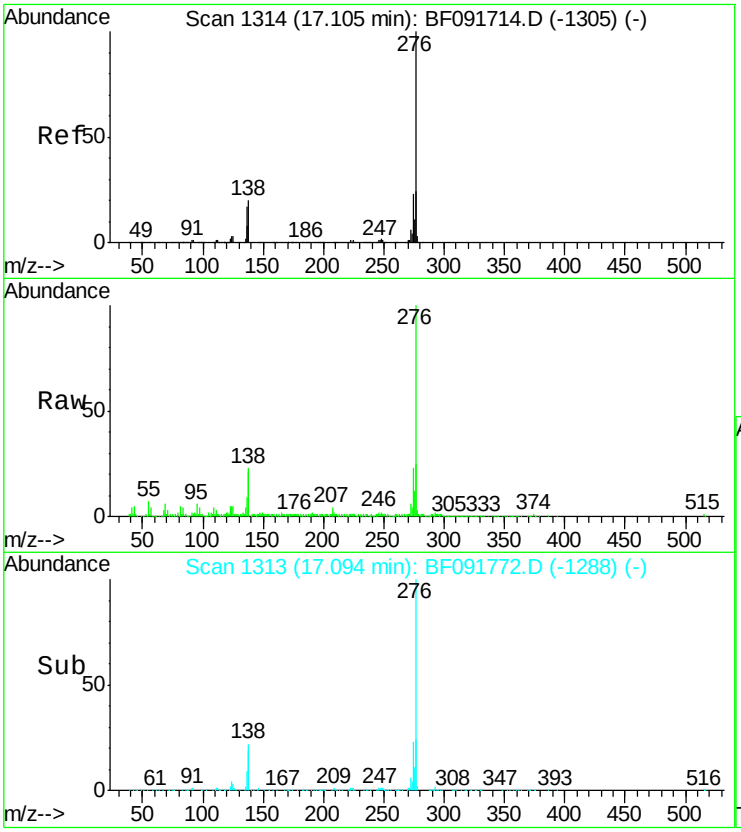


#90
Dibenzo(a,h)anthracene
Concen: 6.42 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Tgt Ion:278 Resp: 137280

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	26.6	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 20.74 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF091772.D
Acq: 19 Dec 2016 9:26

Instrument :
BNA_F
ClientSampleId :
WC-10-10-15RE

Tgt Ion:276 Resp: 450636

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	22.8	16.0	24.0