Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088434.D
Acq On : 26 Jun 2016 22:49
Operator : UM/SJ
Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUBSURFACEDUP

Quant Time: Jun 27 03:59:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	70323	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	280650	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	125198	20.00	ng		-0.07
63) Phenanthrene-d10	11.05	188	200037	20.00	ng		-0.07
75) Chrysene-d12	13.70	240	116412	20.00	ng		-0.05
86) Perylene-d12	15.06	264	144490	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	78916	19.18	ng		-0.05
7) Phenol-d6	6.22	99	99784	20.02	ng		-0.05
23) Nitrobenzene-d5	7.12	82	66422	13.82	ng		-0.06
41) 2,4,6-Tribromophenol	10.36	330	18273	13.82	ng		-0.07
44) 2-Fluorobiphenyl	8.91	172	133959	12.06	ng		-0.06
78) Terphenyl-d14	12.64	244	90865	17.76	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.24	94	614	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.12	70	7686	2.41	ng	#	69
25) Isophorone	7.12	82	66887	7.51	ng	#	65
31) Naphthalene	7.85	128	134266	9.67	ng		98
33) 4-Chloroaniline	7.85	127	16204	2.61	ng	#	31
37) 2-Methylnaphthalene	8.55	142	36644	4.00	ng		98
45) 1,1'-Biphenyl	9.02	154	14745	Below Cal			93
49) Dimethylphthalate	9.31	163	61517	6.78	ng		99
50) 2,6-Dinitrotoluene	9.58	165	16903	8.14	ng	#	39
51) Acenaphthene	9.61	154	88173	10.97	ng		99
54) Dibenzofuran	9.78	168	115729	10.45	ng		94
55) 4-Nitrophenol	9.78	139	41476	22.30	ng	#	6
57) Fluorene	10.12	166	116286	12.00	ng		99
70) Phenanthrene	11.08	178	1042359	99.30	ng		99
71) Anthracene	11.13	178	440511	41.60	ng		99
72) Carbazole	11.30	167	211423	21.34	ng		98
74) Fluoranthene	12.29	202	2136737	192.89	ng		98
77) Pyrene	12.50	202	1726200	199.83	ng		98
80) Benzo(a)anthracene	13.69	228	1238987	186.77	ng		97
82) Chrysene	13.74	228	1249498	200.21	ng		96
85) Indeno(1,2,3-cd)pyrene	16.31	276	975036	168.15	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	2401735	238.48	ng	#	95
88) Benzo(k)fluoranthene	14.71	252	2401735	316.15	ng		97
89) Benzo(a)pyrene	15.02	252	1142703	140.25	ng		96
90) Dibenzo(a,h)anthracene	16.30	278	366948	48.49	ng		95
91) Benzo(g,h,i)perylene	16.69	276	919737	118.15	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088434.D
Acq On : 26 Jun 2016 22:49
Operator : UM/SJ
Sample : H3663-07 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Quant Time: Jun 27 03:59:25 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
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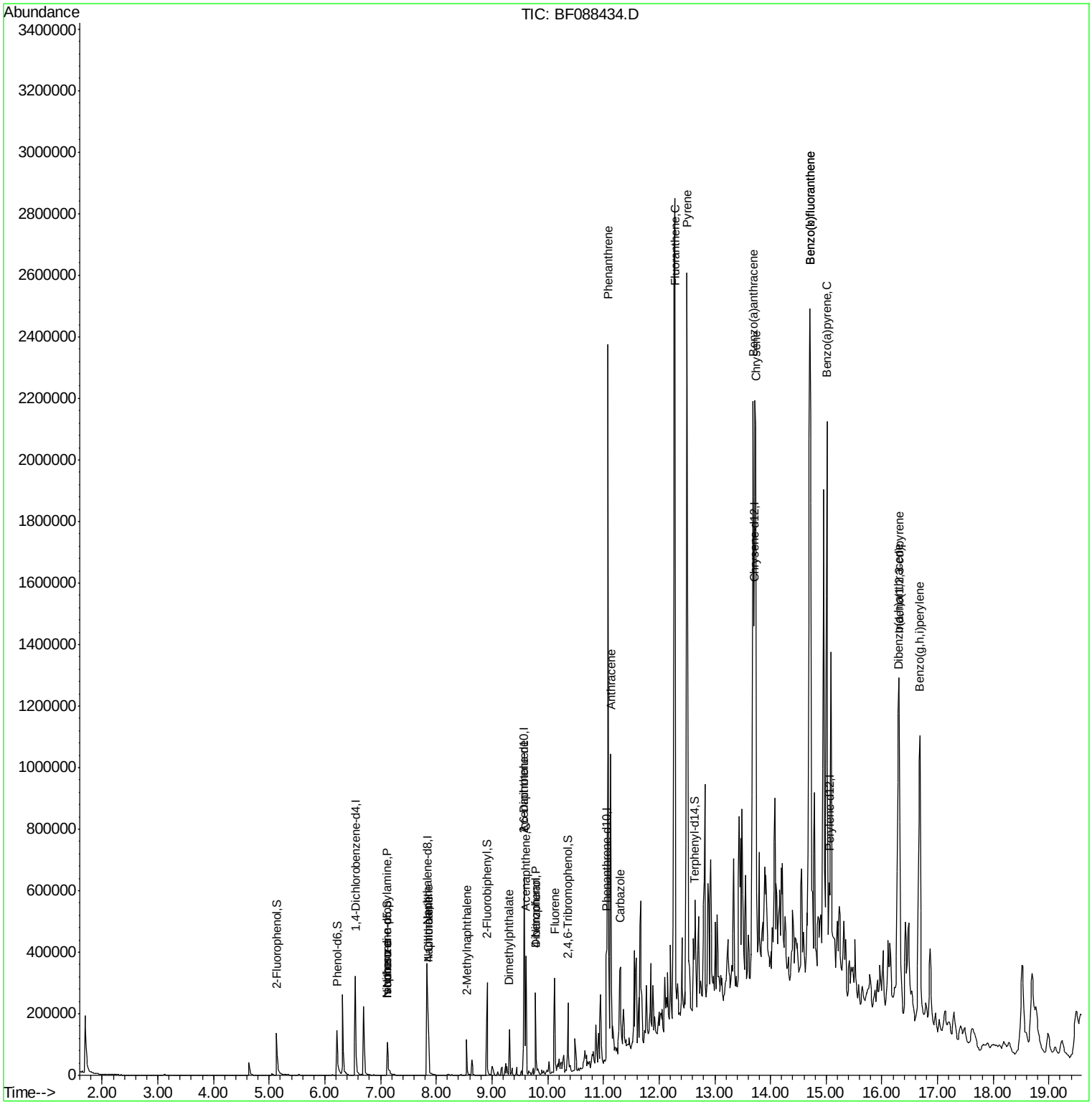
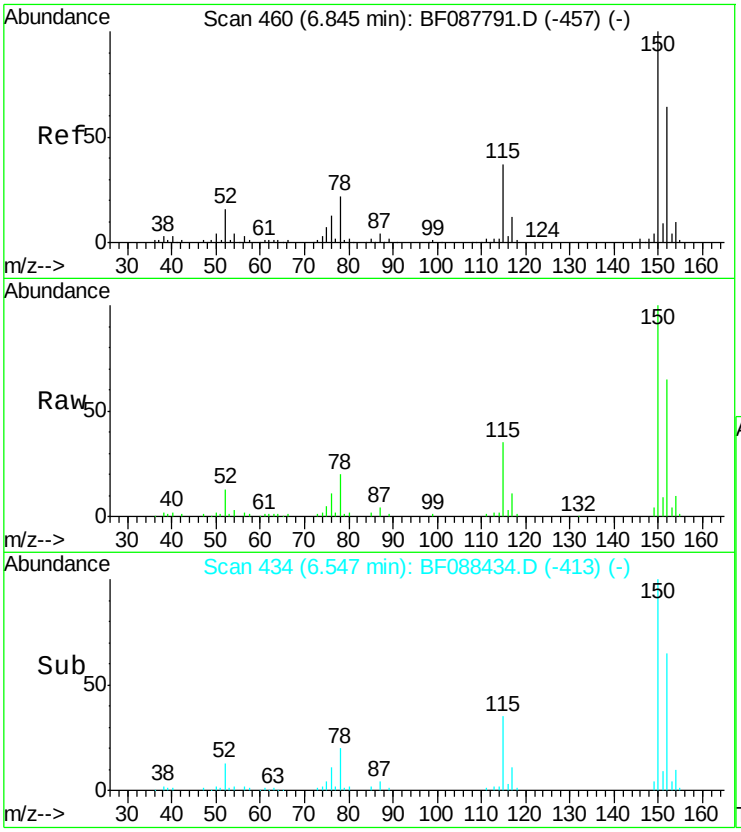


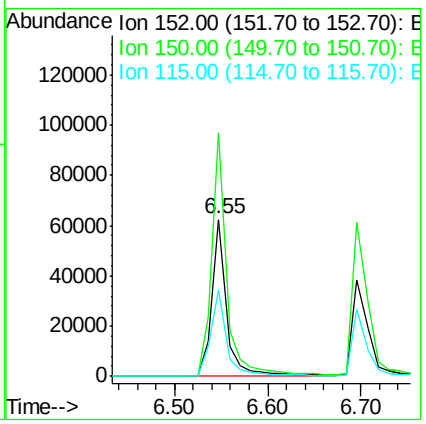


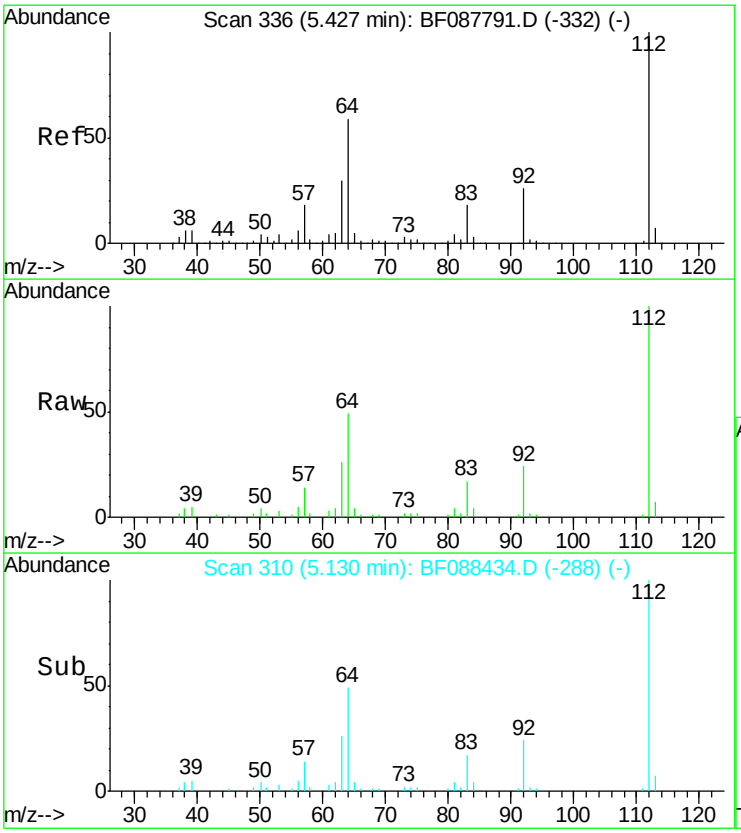
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:152 Resp: 70323

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	54.6	39.6	59.4

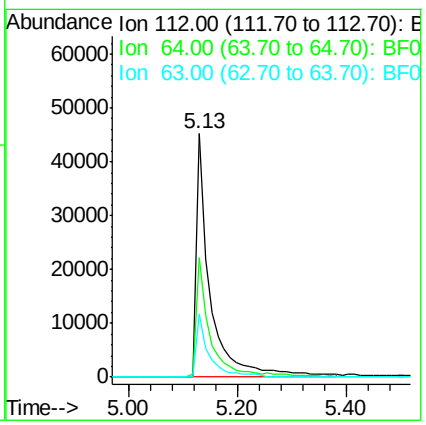


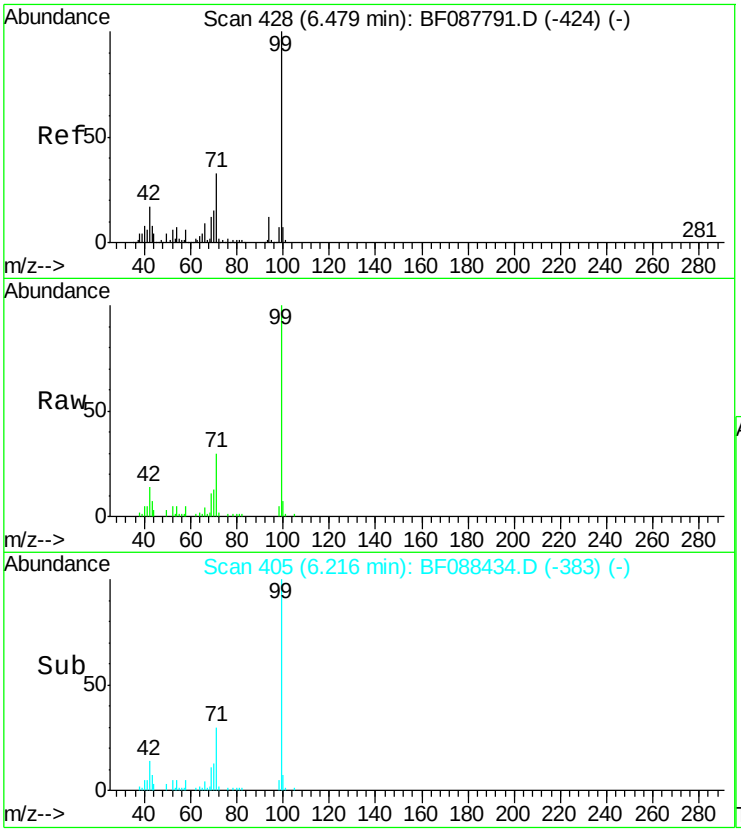


#5
2-Fluorophenol
Concen: 19.18 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:112 Resp: 78916

Ion	Ratio	Lower	Upper
112	100		
64	48.9	42.2	63.2
63	25.9	21.8	32.8



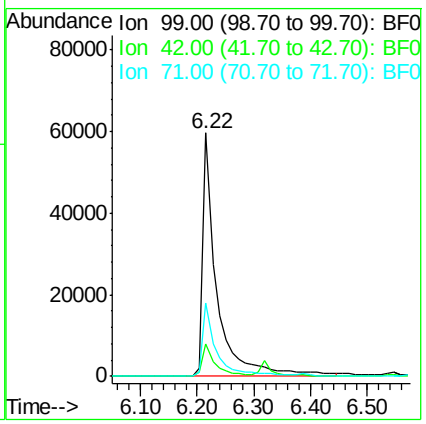


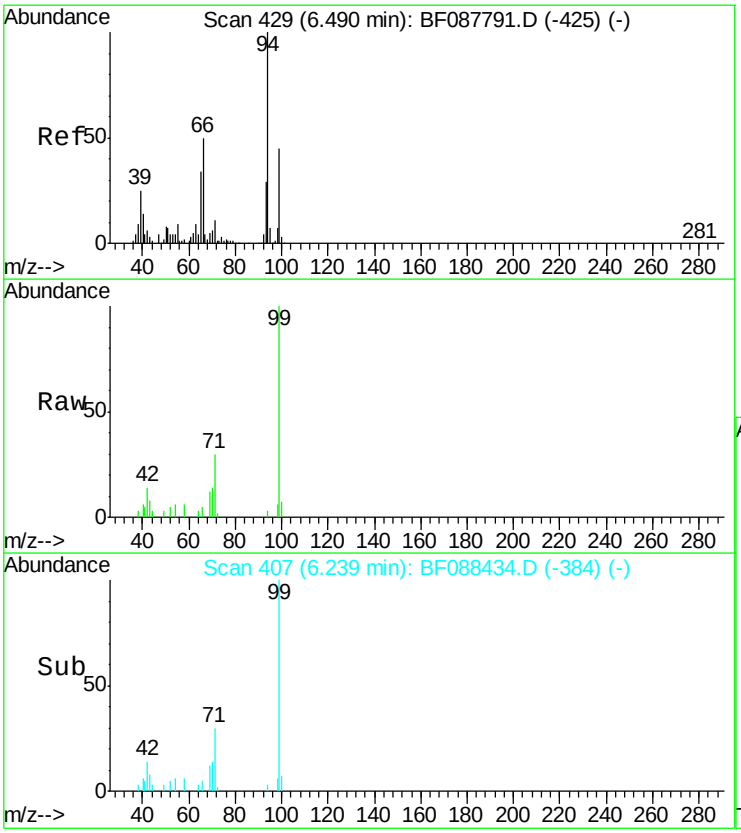
#7
Phenol-d6
Concen: 20.02 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion: 99 Resp: 99784

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	30.3	23.4	35.0

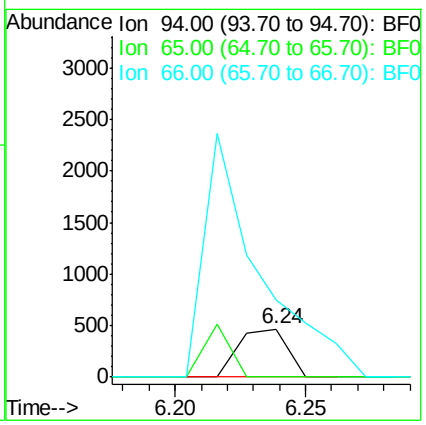


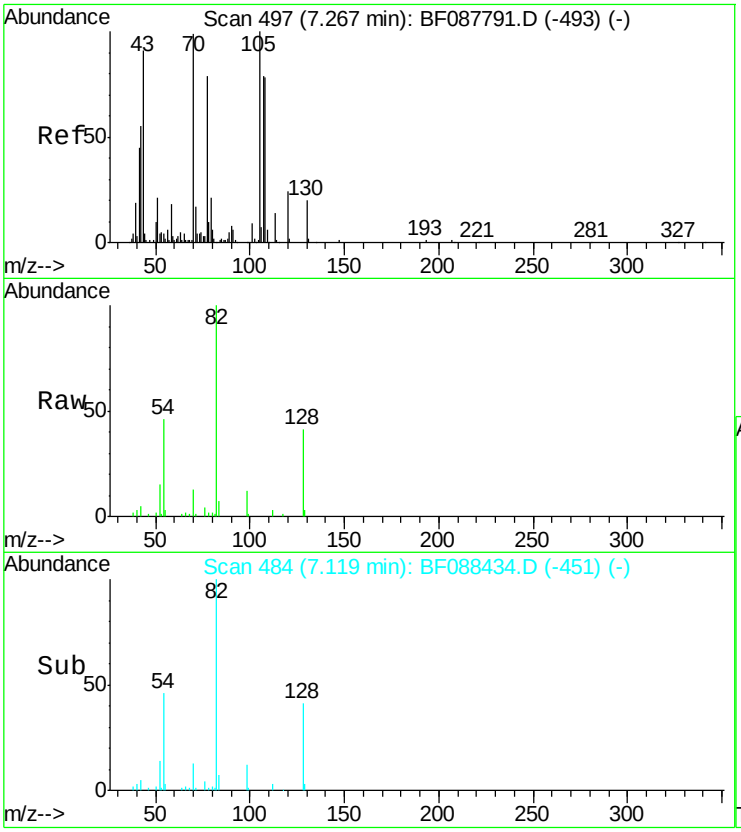


#10
Phenol
Concen: Below Cal
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion: 94 Resp: 614

Ion	Ratio	Lower	Upper
94	100		
65	0.0	5.9	45.9#
66	160.9	14.0	54.0#



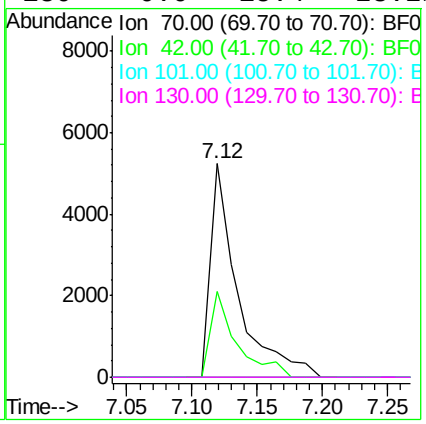


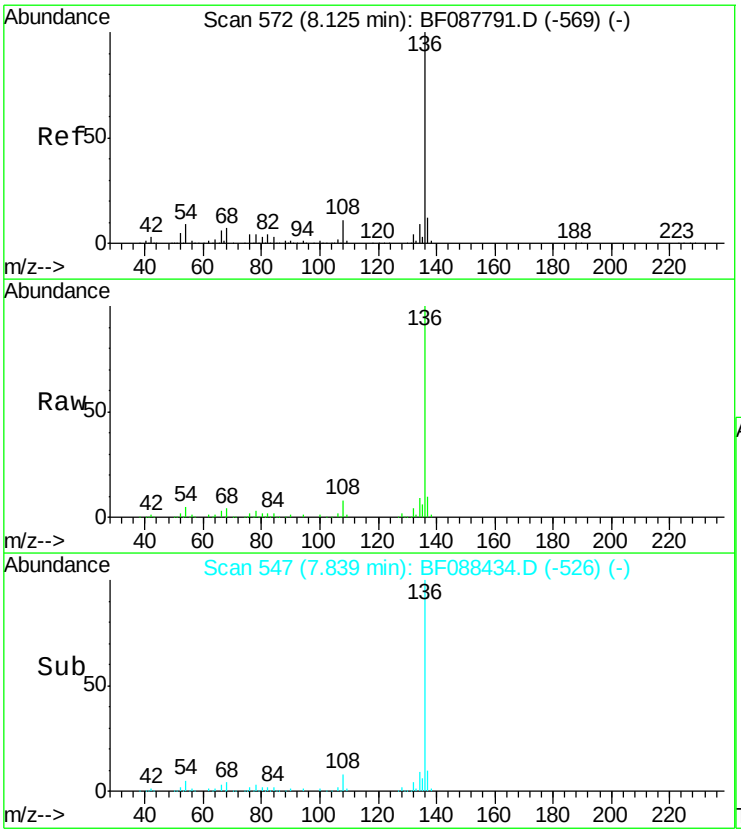
#19
n-Nitroso-di-n-propylamine
Concen: 2.41 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion: 70 Resp: 7686

Ion	Ratio	Lower	Upper
70	100		
42	40.3	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#

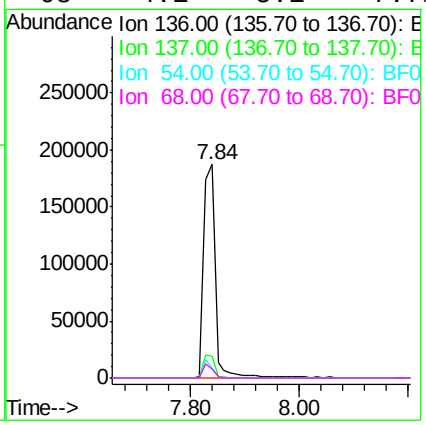


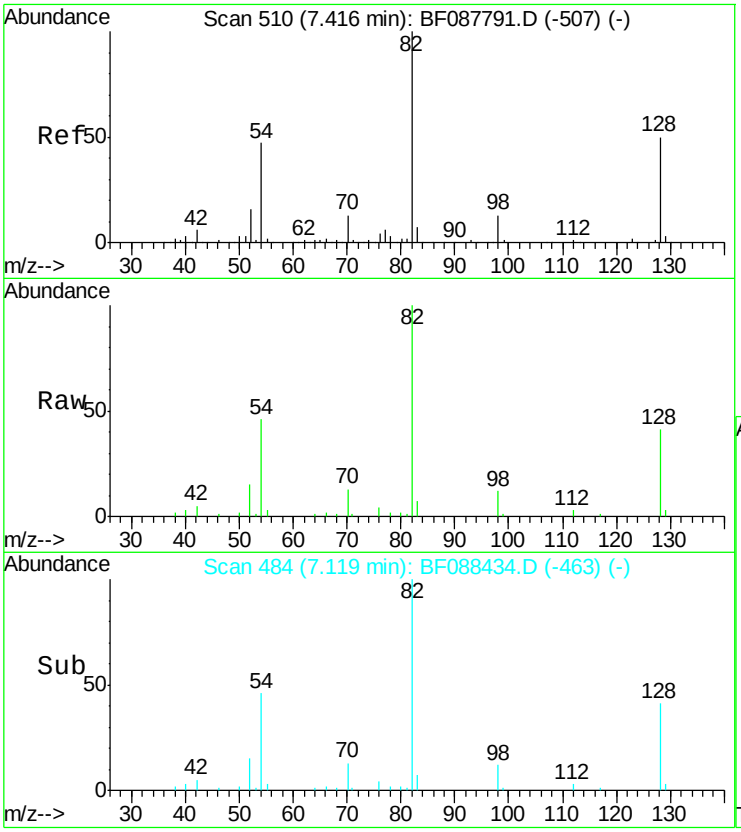


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:136 Resp: 280650

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	4.5	6.6	10.0#
68	4.1	5.1	7.7#



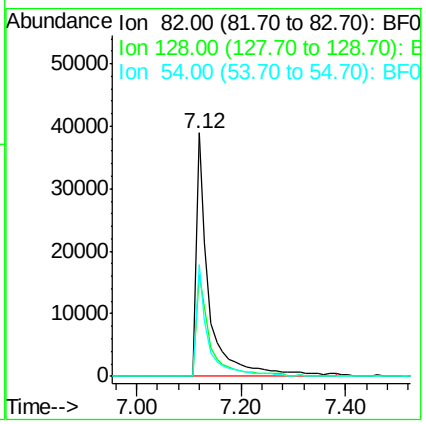


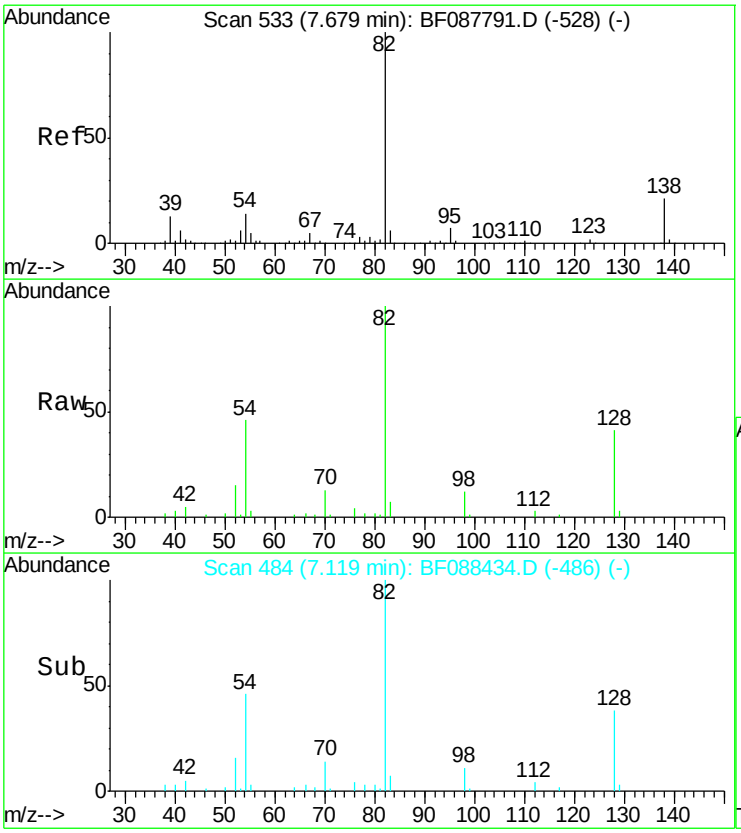
#23
Nitrobenzene-d5
Concen: 13.82 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion: 82 Resp: 66422

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.9	53.9
54	45.8	40.9	61.3

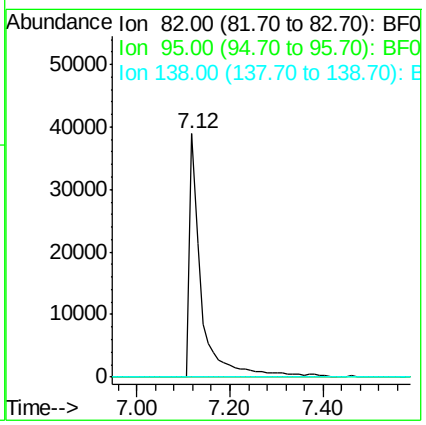


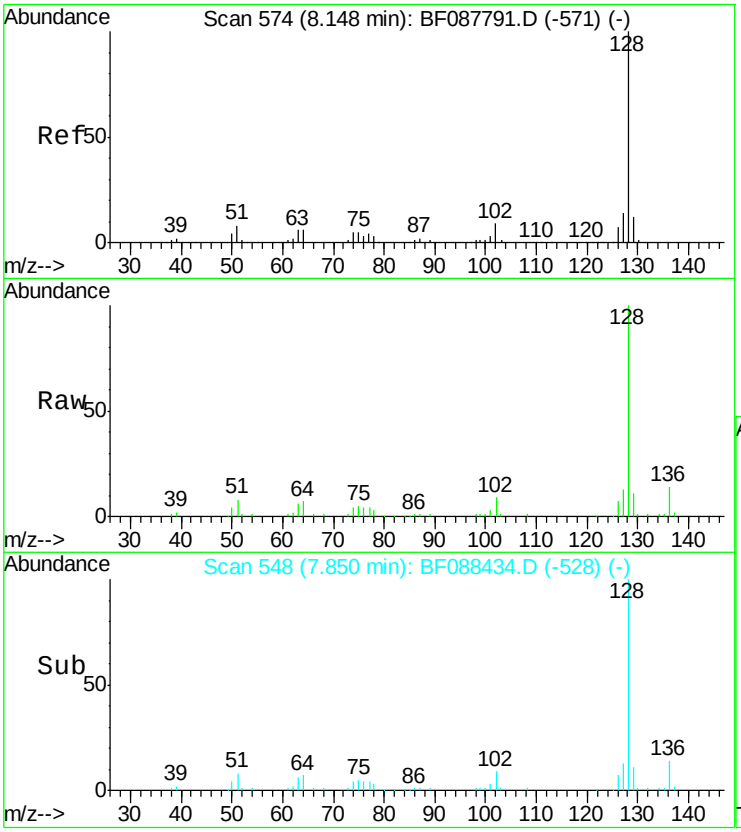


#25
Isophorone
Concen: 7.51 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion: 82 Resp: 66887

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



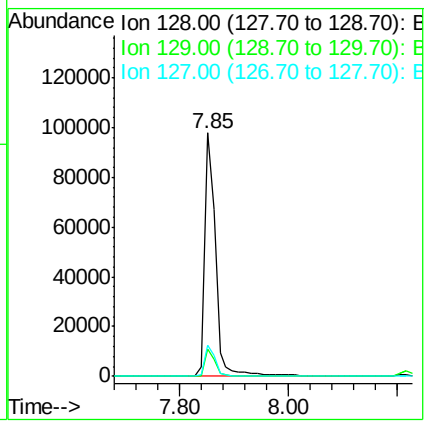


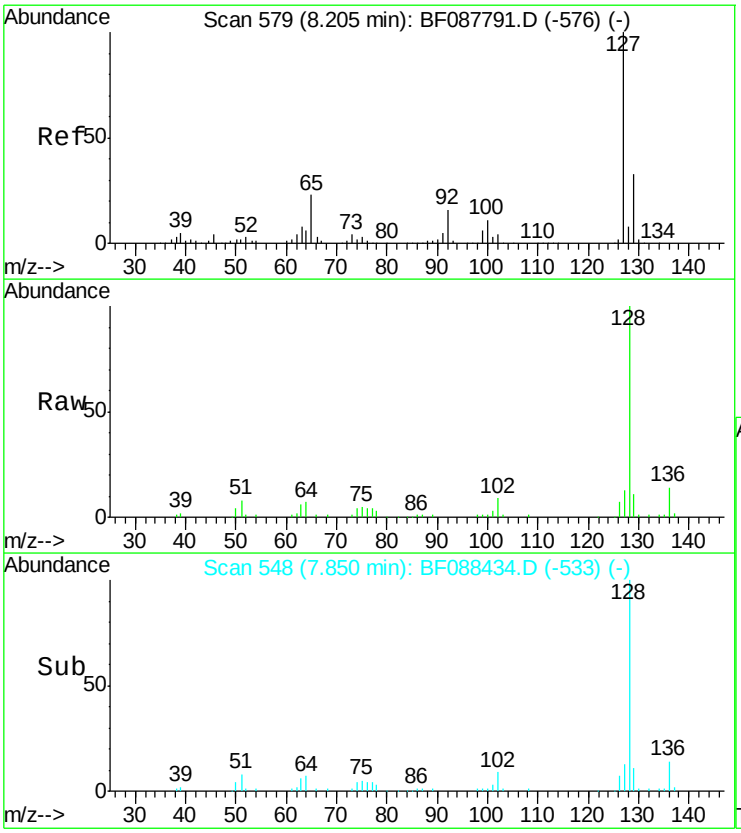
#31
Naphthalene
Concen: 9.67 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:128 Resp: 134266

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	12.9	10.9	16.3

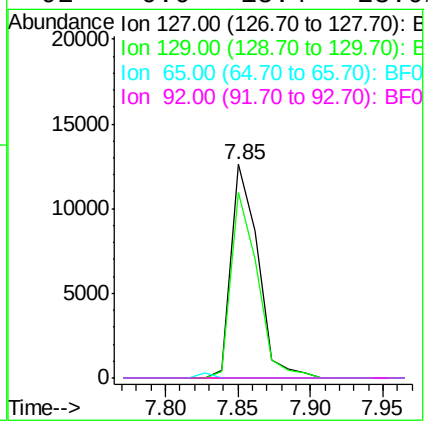


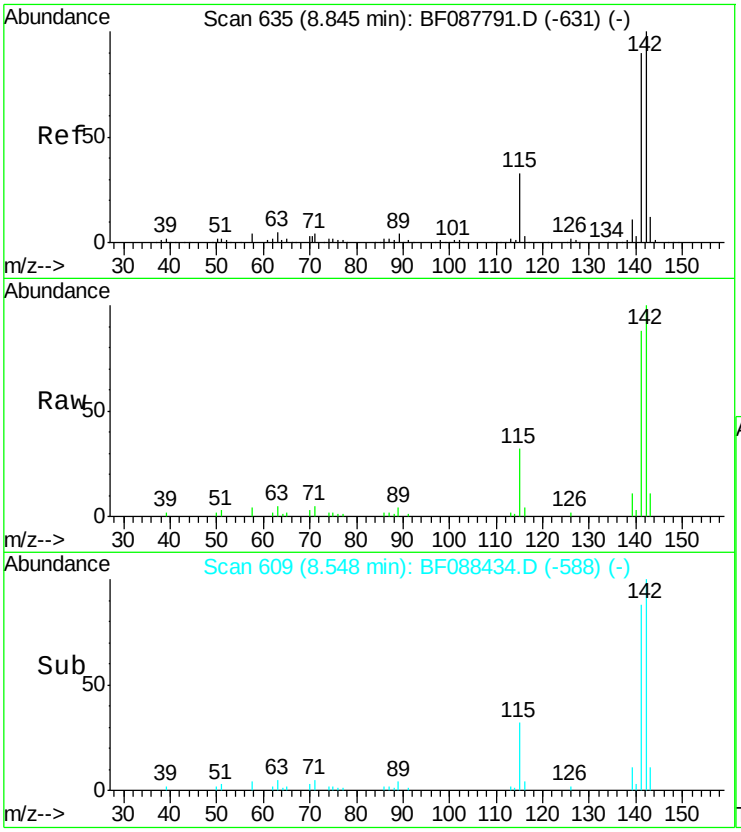


#33
4-Chloroaniline
Concen: 2.61 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.13 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:127 Resp: 16204

Ion	Ratio	Lower	Upper
127	100		
129	87.0	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



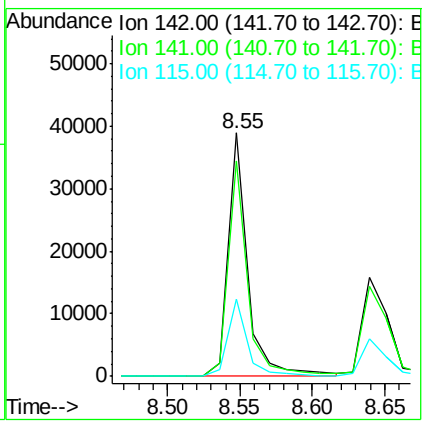


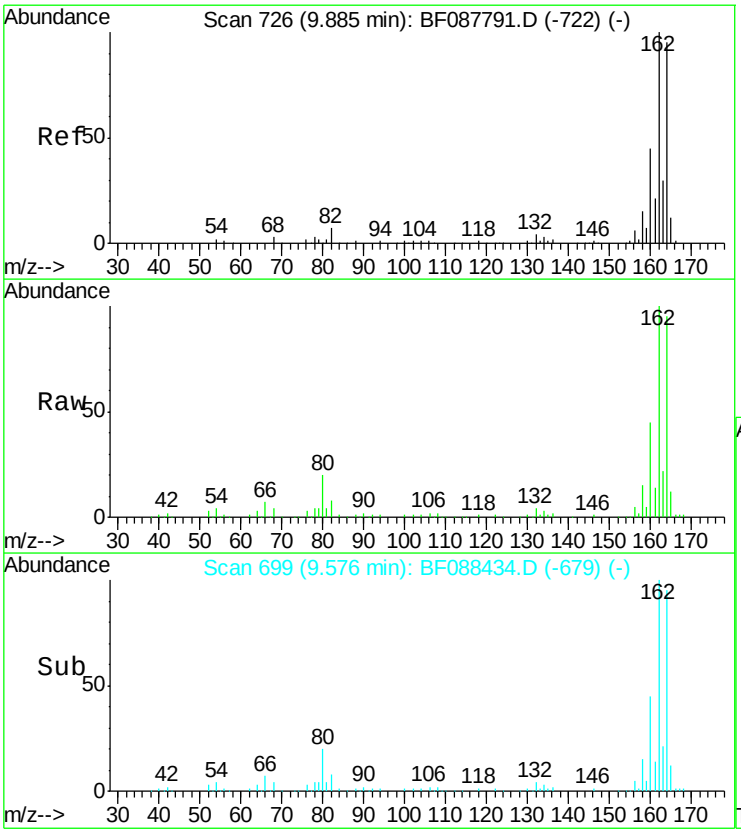
#37
2-Methylnaphthalene
Concen: 4.00 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:142 Resp: 36644

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	31.6	22.6	33.8

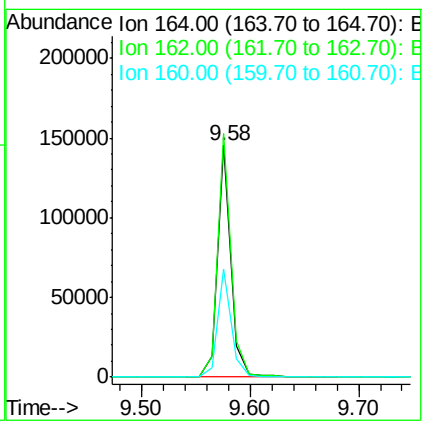


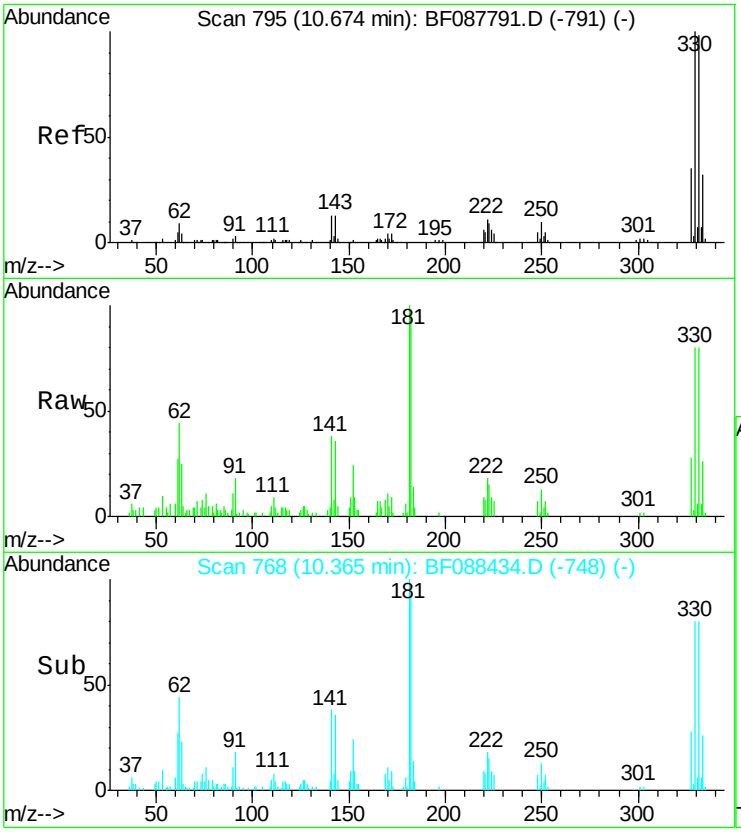


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:164 Resp: 125198

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	46.7	39.5	59.3



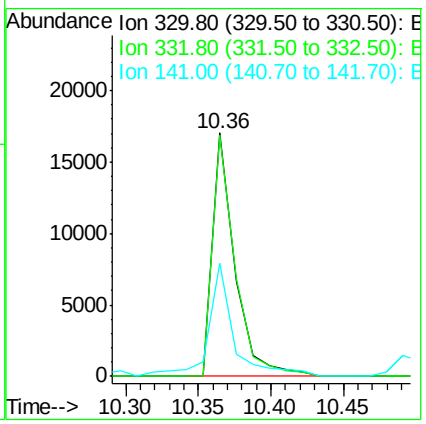


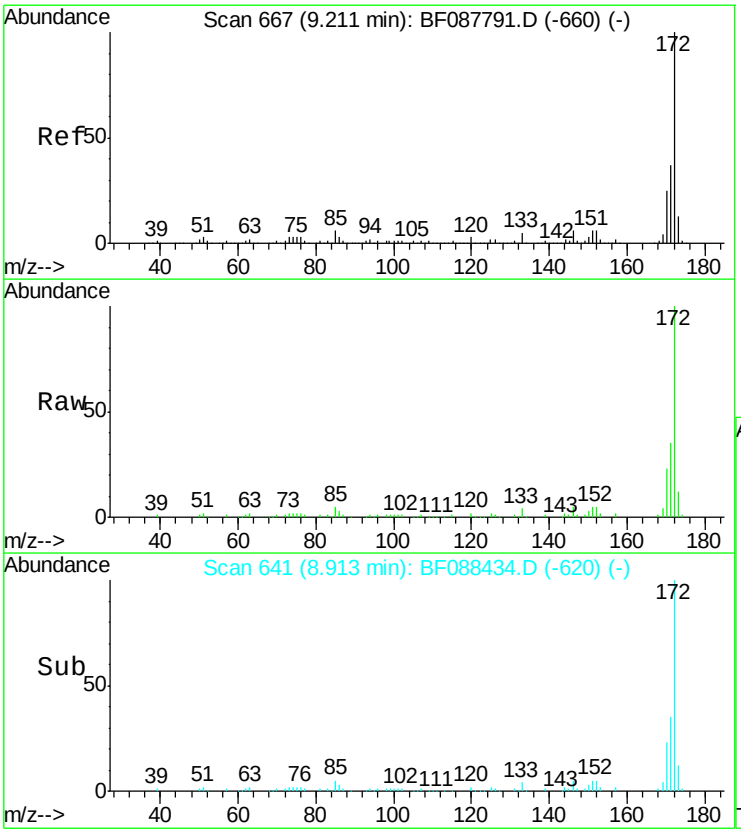
#41
2,4,6-Tribromophenol
Concen: 13.82 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:330 Resp: 18273

Ion	Ratio	Lower	Upper
330	100		
332	99.5	0.0	0.0#
141	52.5	0.0	0.0#

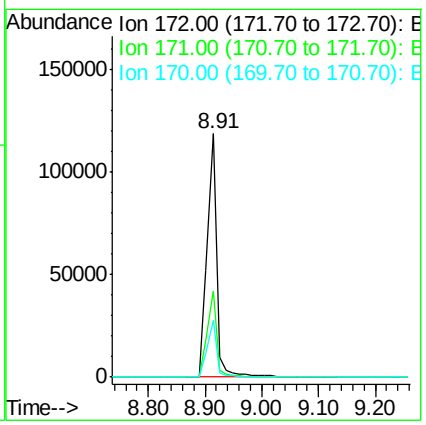


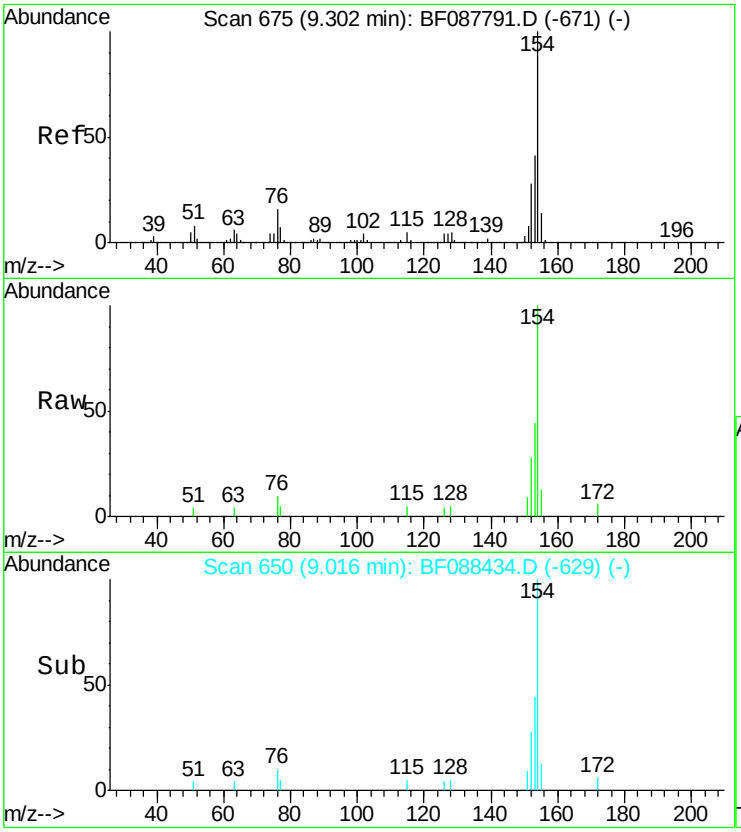


#44
2-Fluorobiphenyl
Concen: 12.06 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:172 Resp: 133959

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.1	19.2	28.8



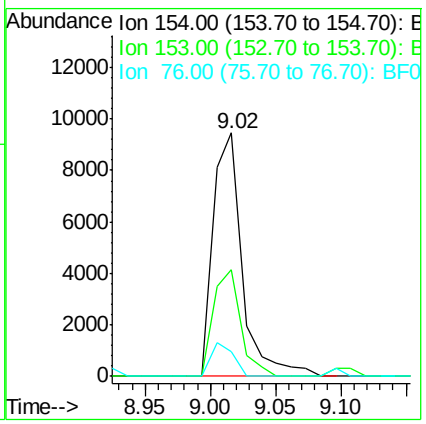


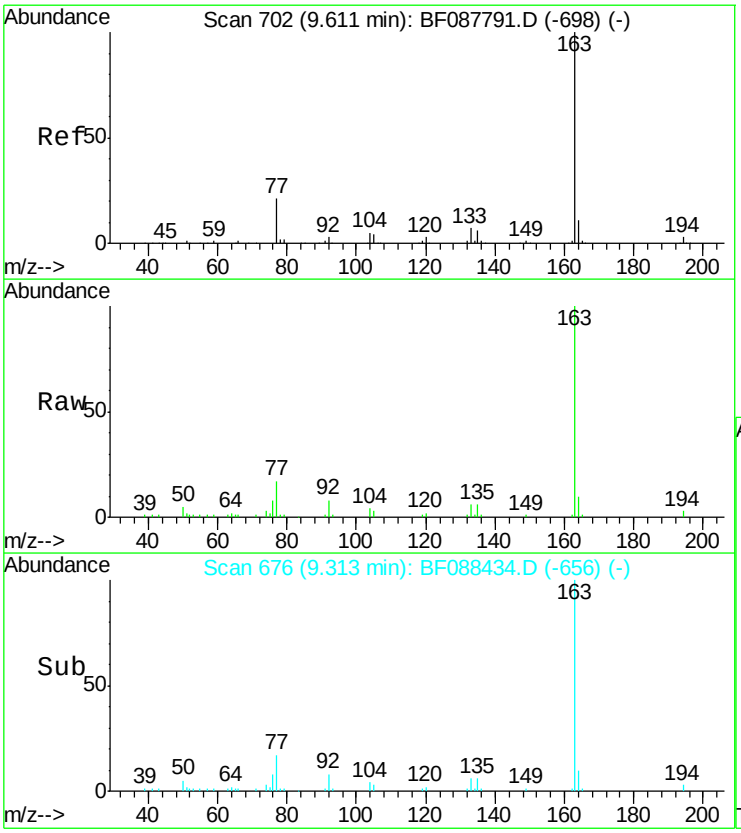
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:154 Resp: 14745

Ion	Ratio	Lower	Upper
154	100		
153	44.0	20.6	60.6
76	10.3	0.0	35.1

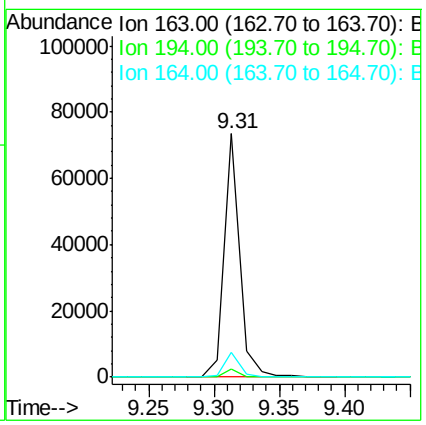


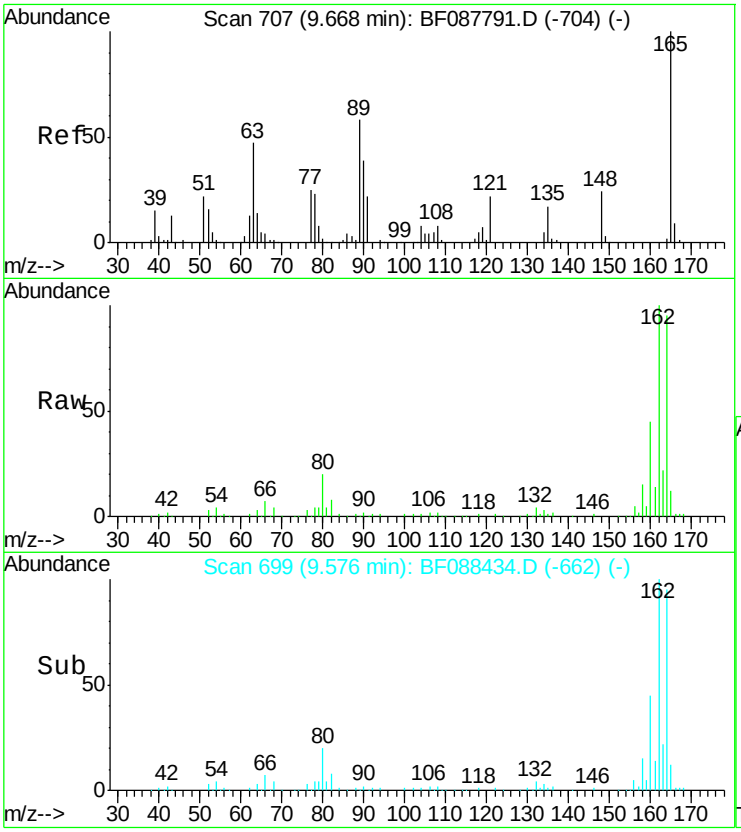


#49
Dimethylphthalate
Concen: 6.78 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:163 Resp: 61517

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	8.3	12.5



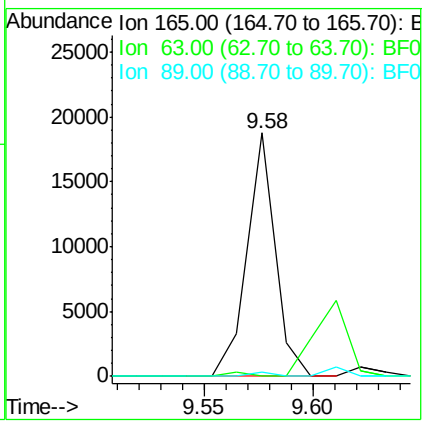


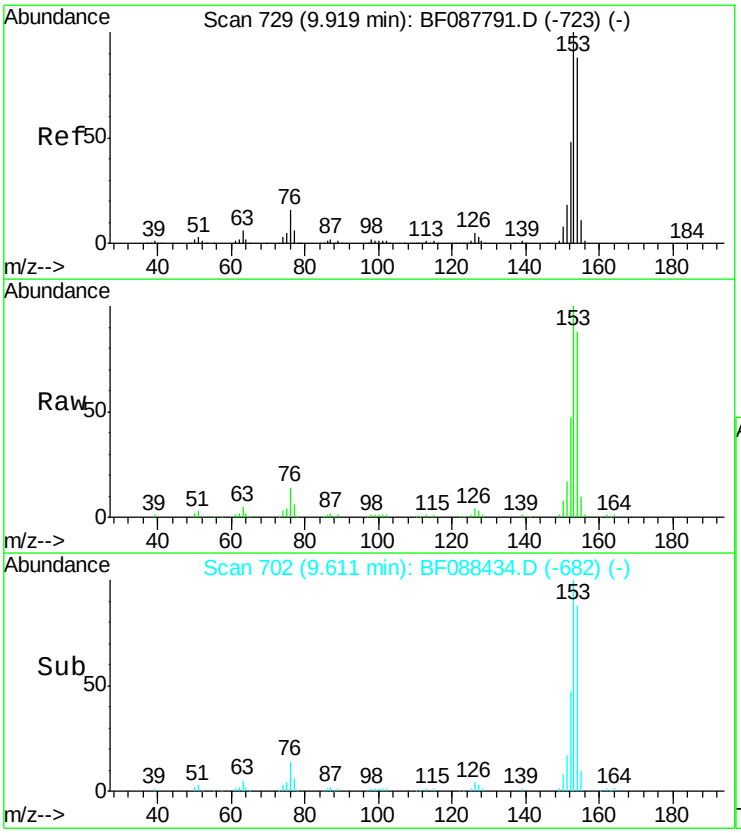
#50
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.13 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:165 Resp: 16903

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.9	32.2	48.2#

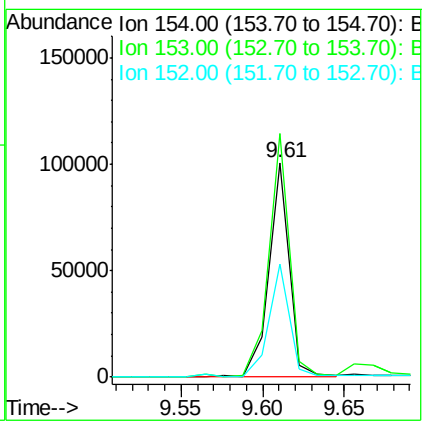


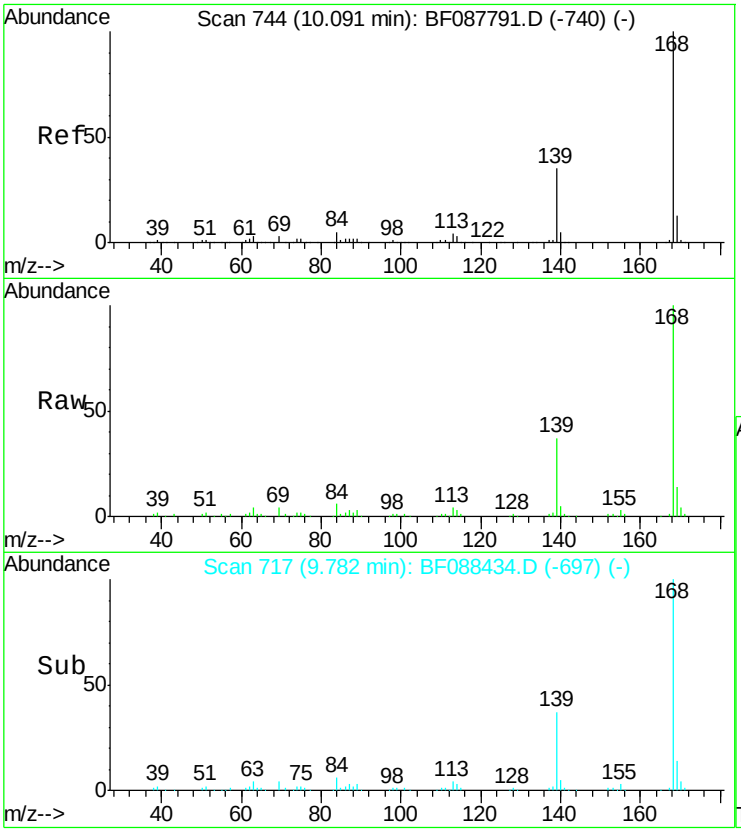


#51
Acenaphthene
Concen: 10.97 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:154 Resp: 88173

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.5	134.3
152	52.9	42.7	64.1



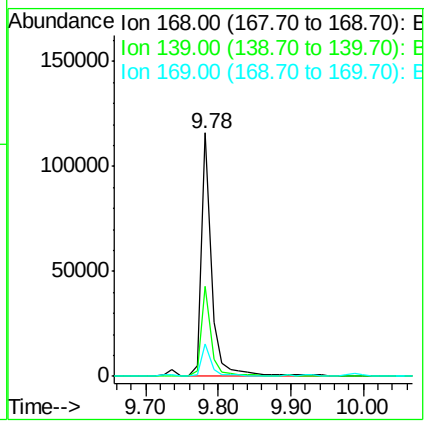


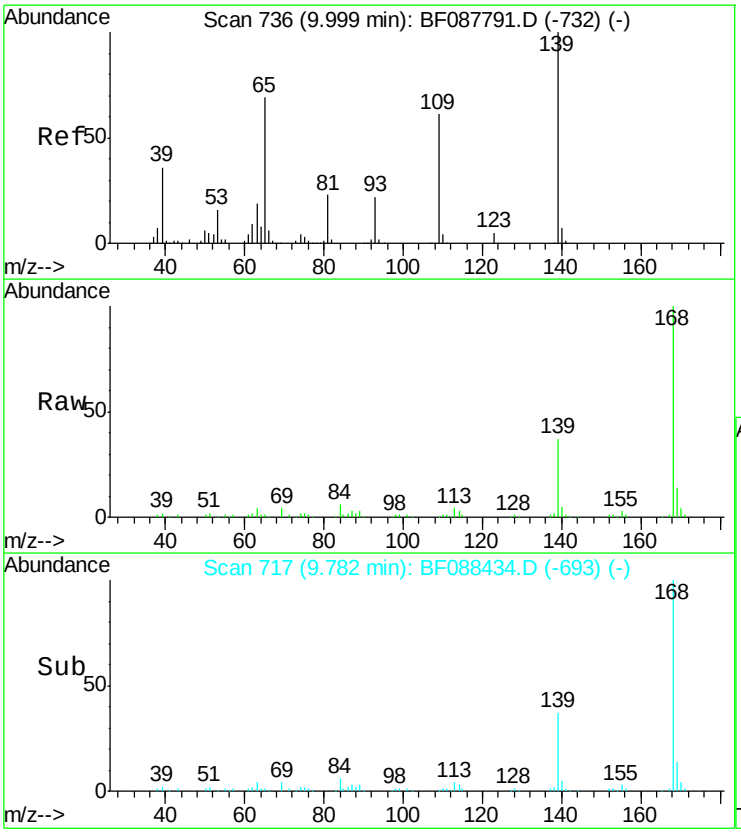
#54
Dibenzofuran
Concen: 10.45 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:168 Resp: 115729

Ion	Ratio	Lower	Upper
168	100		
139	37.1	26.4	39.6
169	13.5	10.4	15.6

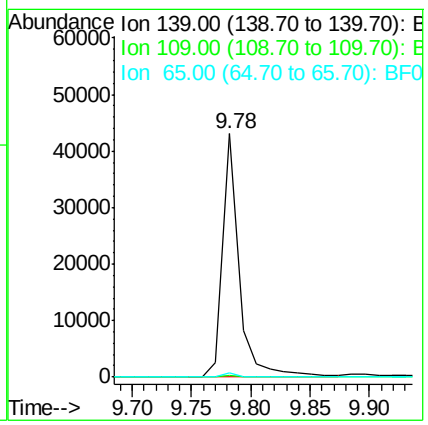


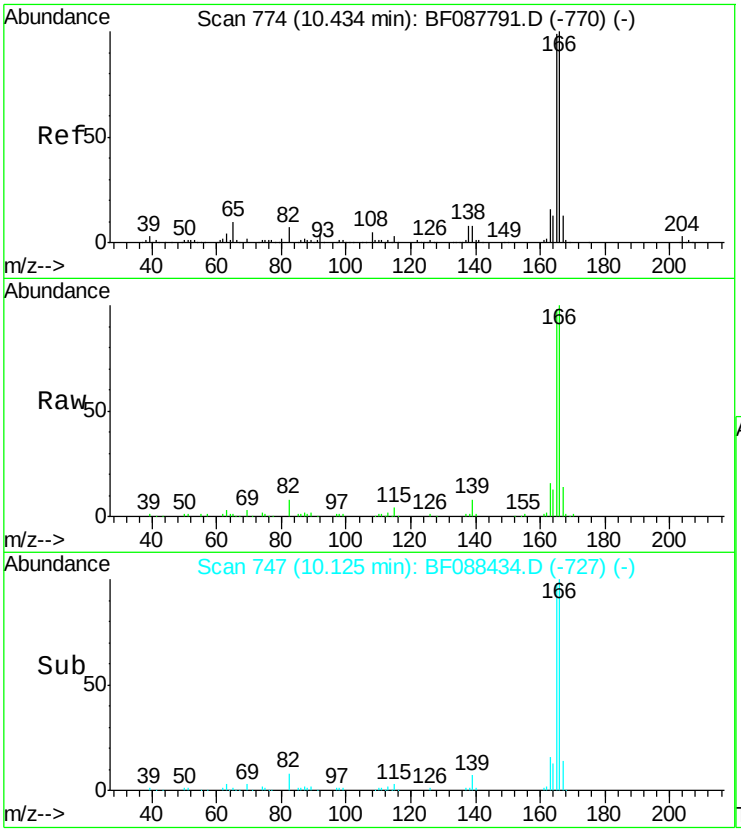


#55
4-Nitrophenol
Concen: 22.30 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:139 Resp: 41476

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.9	88.9#
65	1.7	84.9	124.9#



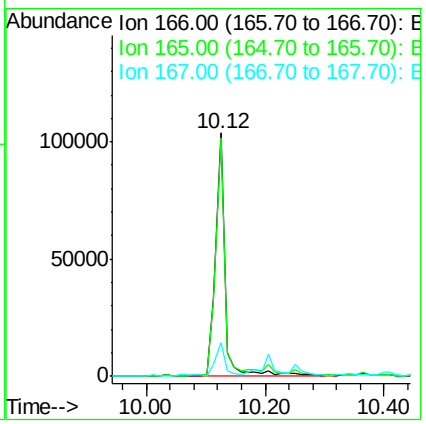


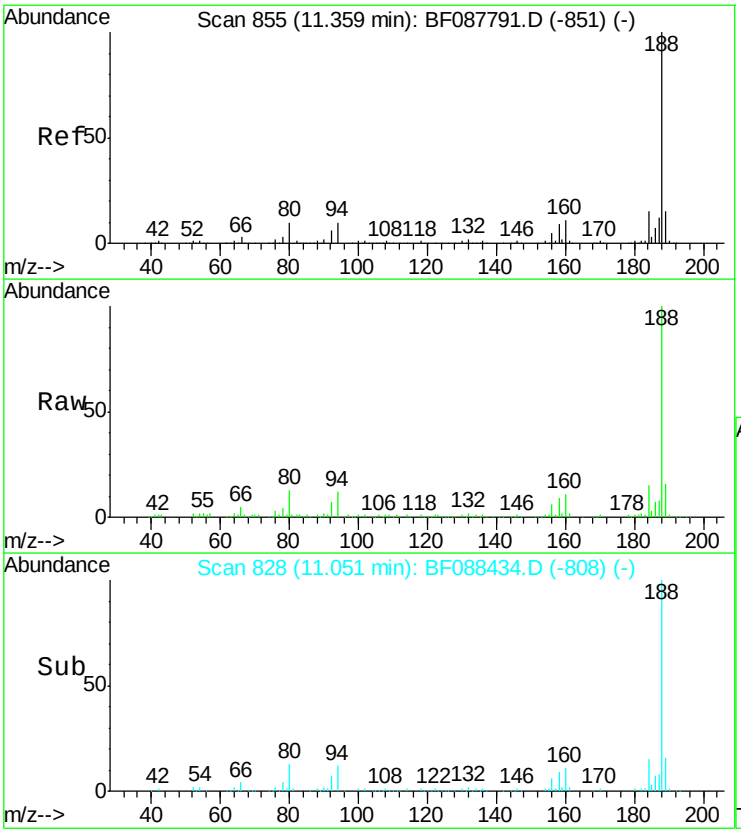
#57
Fluorene
Concen: 12.00 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:166 Resp: 116286

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	13.8	11.2	16.8

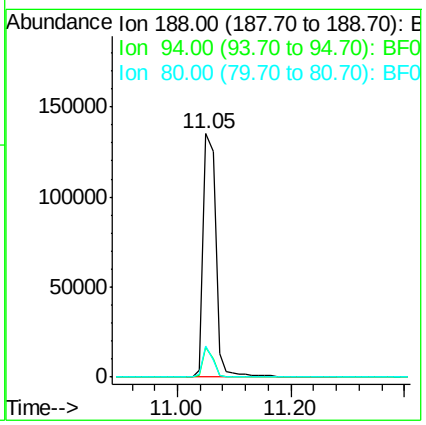


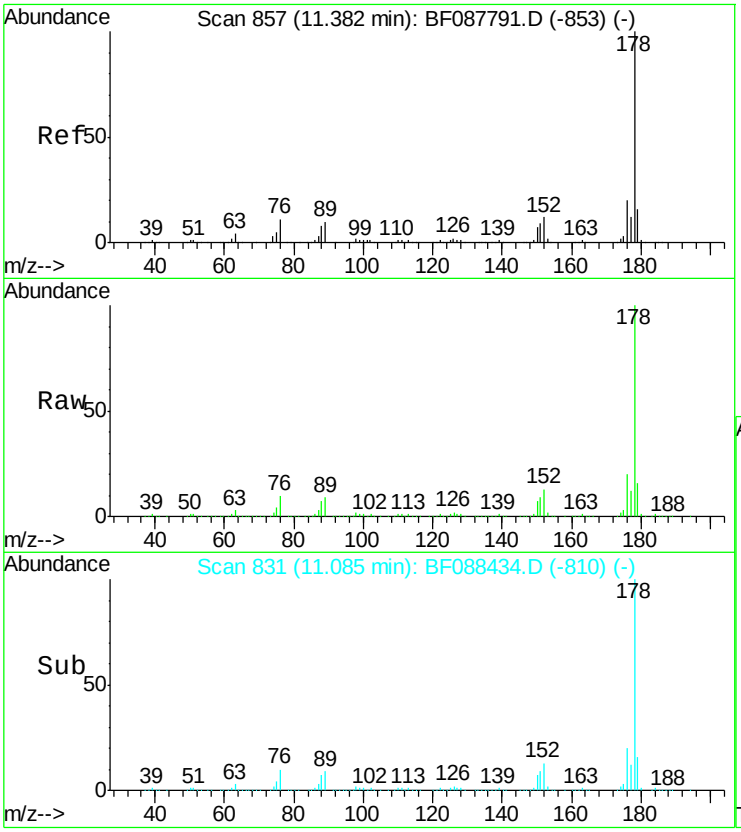


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:188 Resp: 200037

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	12.6	10.0	15.0



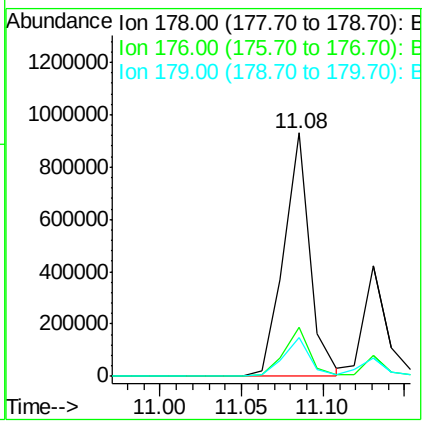


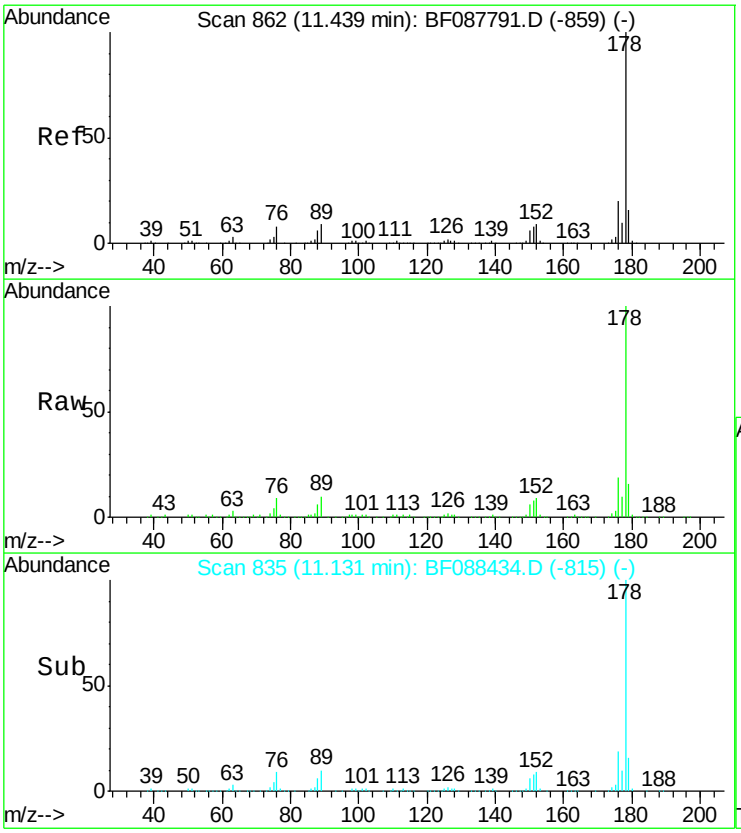
#70
Phenanthrene
Concen: 99.30 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:178 Resp: 1042359

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.9	13.0	19.4

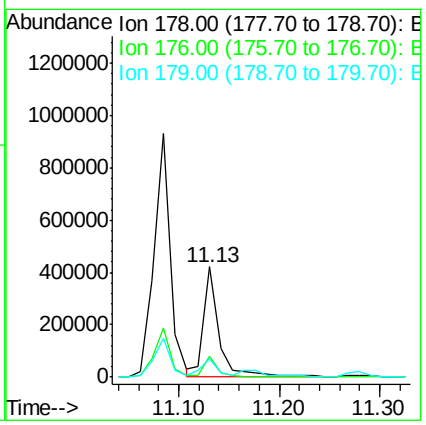


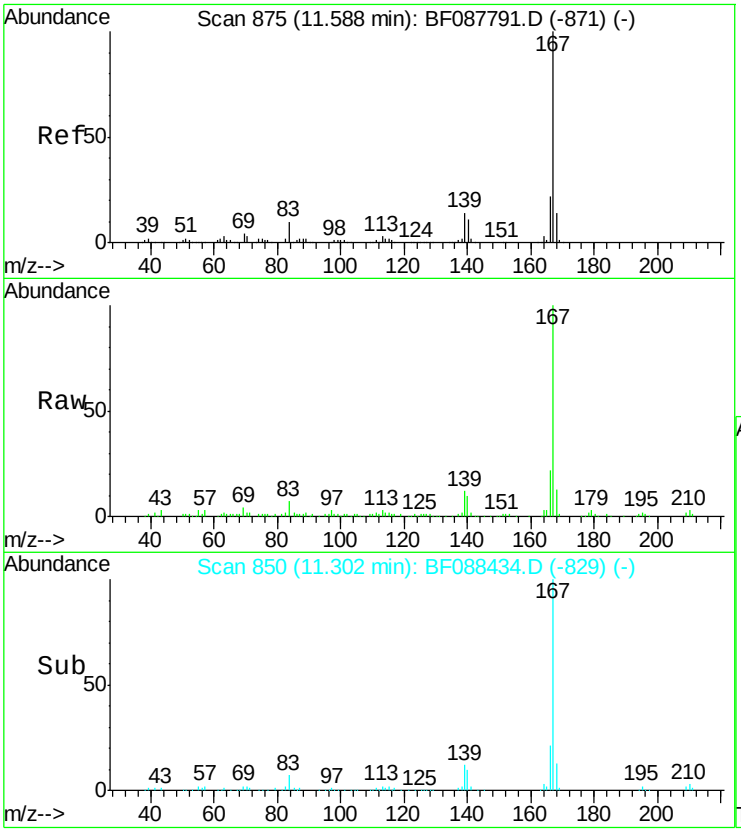


#71
Anthracene
Concen: 41.60 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:178 Resp: 440511

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	16.1	12.8	19.2



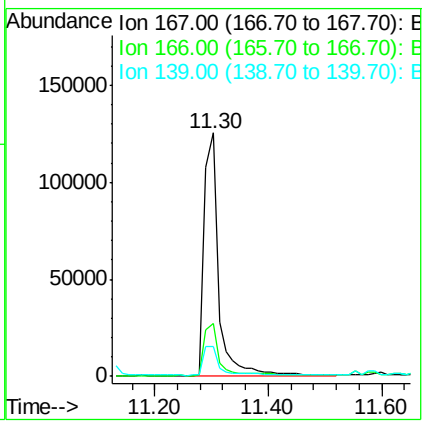


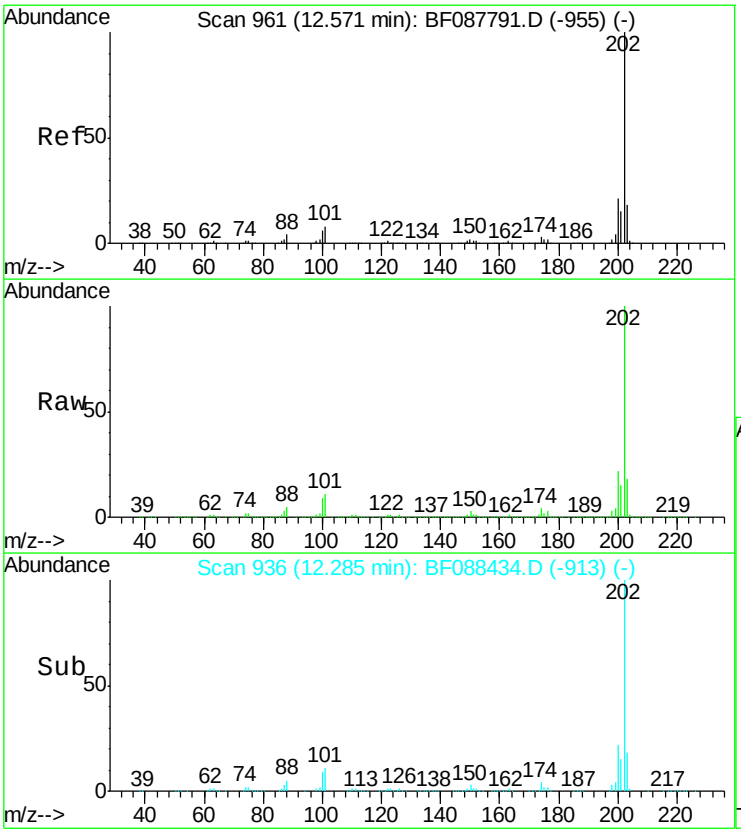
#72
Carbazole
Concen: 21.34 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:167 Resp: 211423

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.5	11.2	16.8

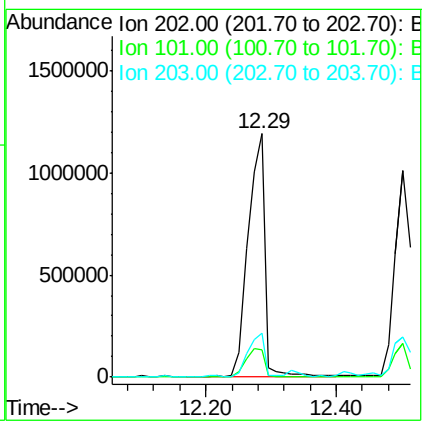


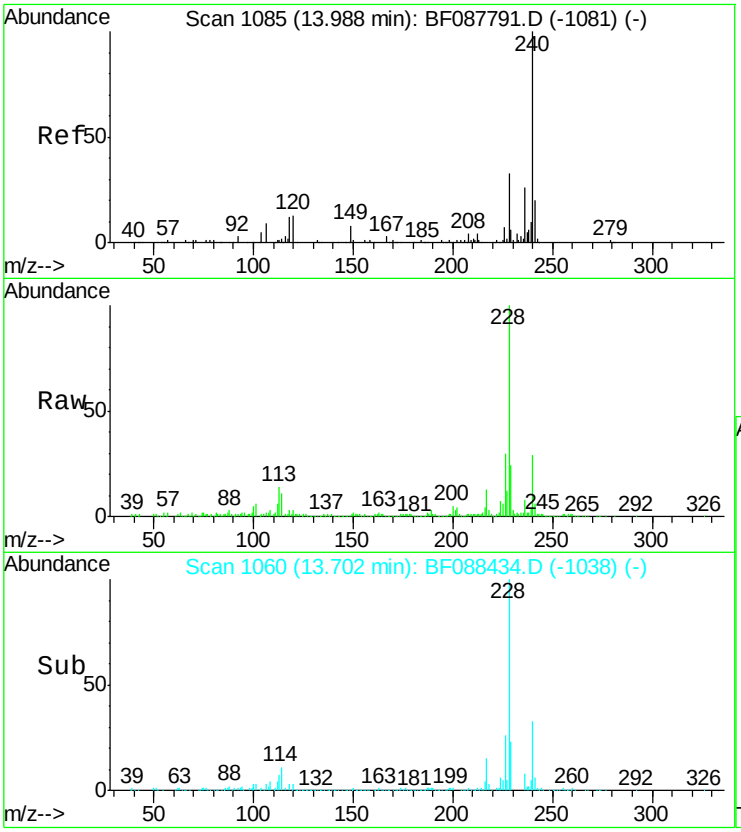


#74
Fluoranthene
Concen: 192.89 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:202 Resp: 2136737

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.1
203	17.9	0.0	38.1



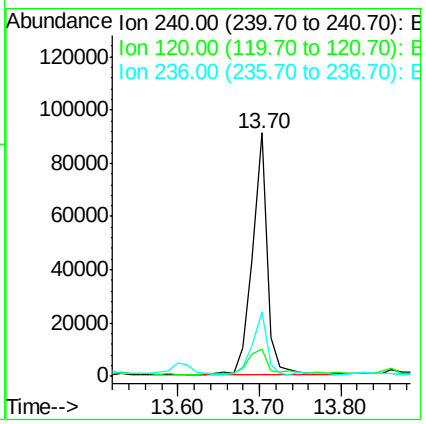


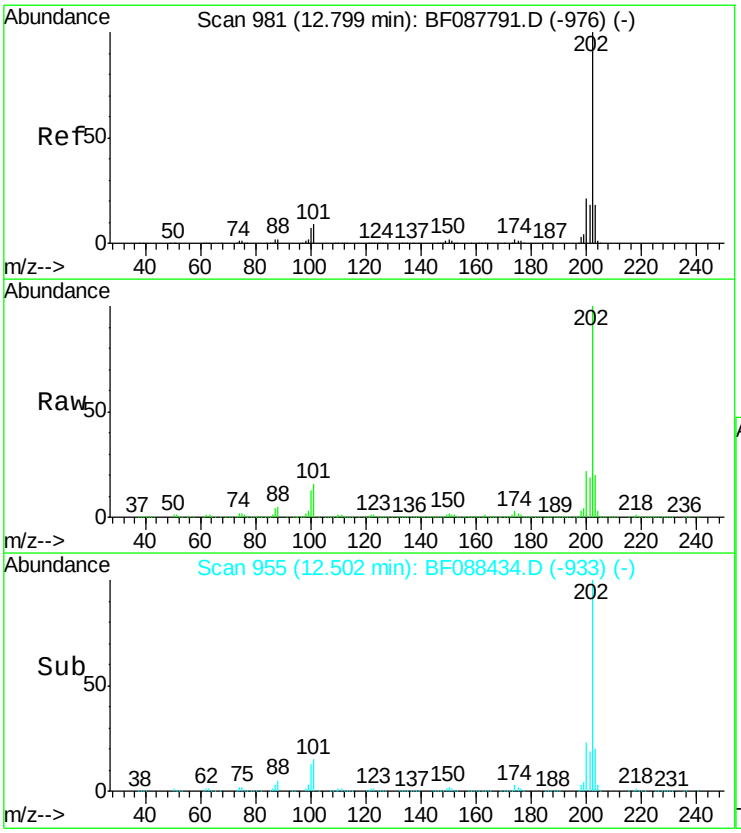
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:240 Resp: 116412

Ion	Ratio	Lower	Upper
240	100		
120	11.3	6.8	10.2#
236	26.5	20.2	30.2

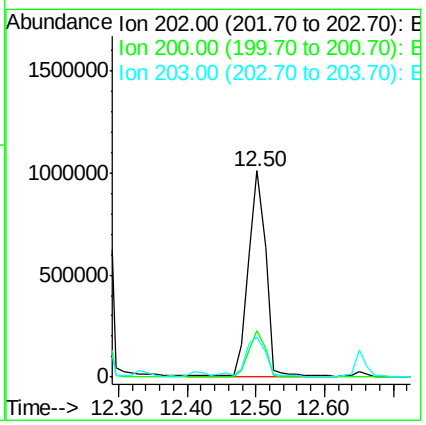


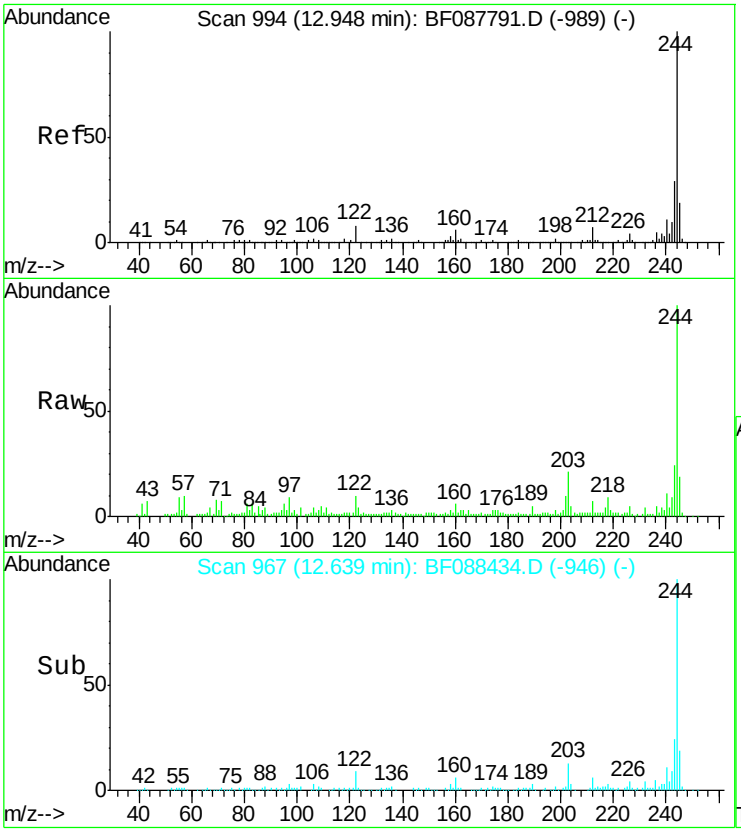


#77
Pyrene
Concen: 199.83 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:202 Resp: 1726200

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	19.6	14.5	21.7



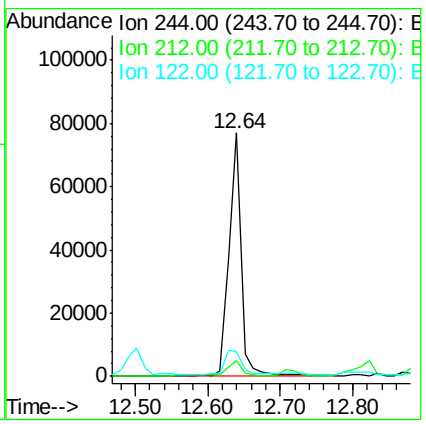


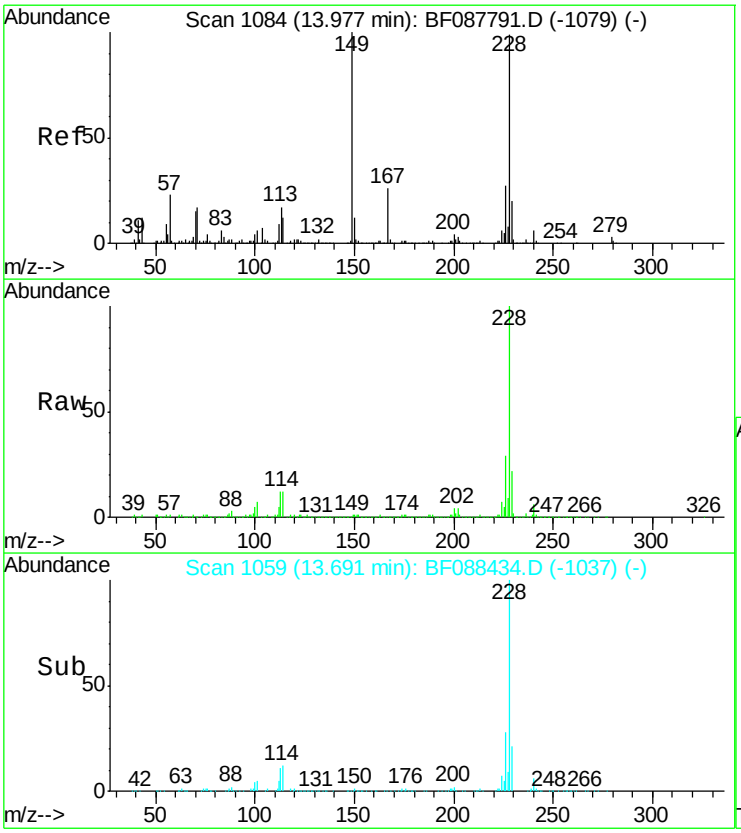
#78
Terphenyl-d14
Concen: 17.76 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:244 Resp: 90865

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	9.9	11.2	16.8#

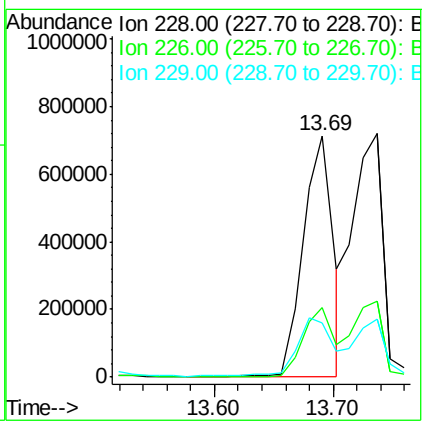


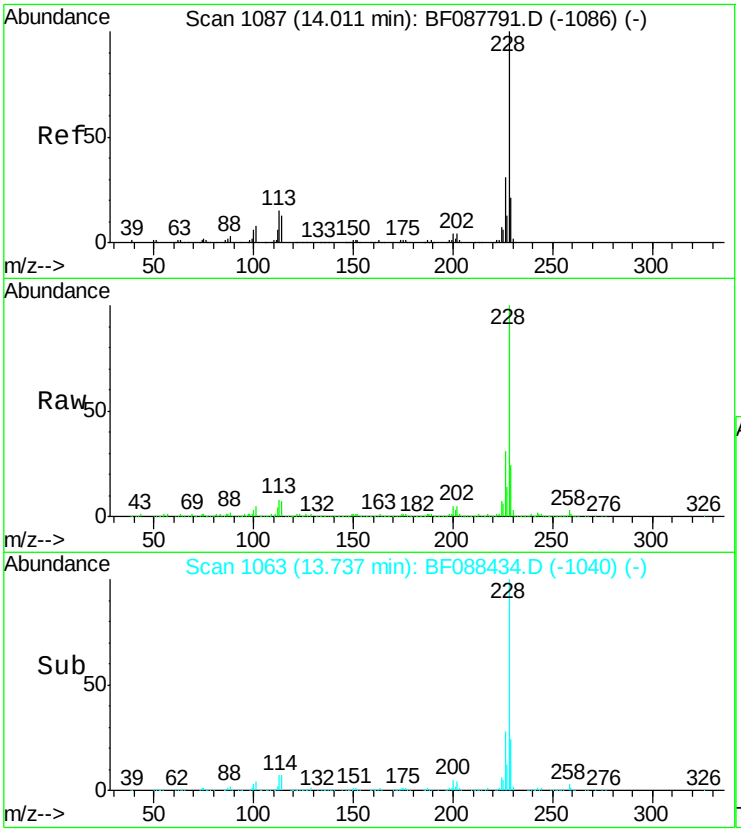


#80
Benzo(a)anthracene
Concen: 186.77 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:228 Resp: 1238987

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	22.2	16.0	24.0



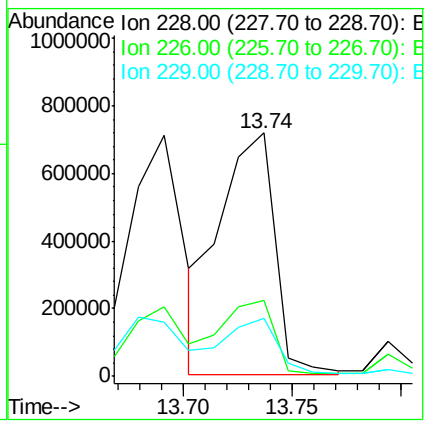


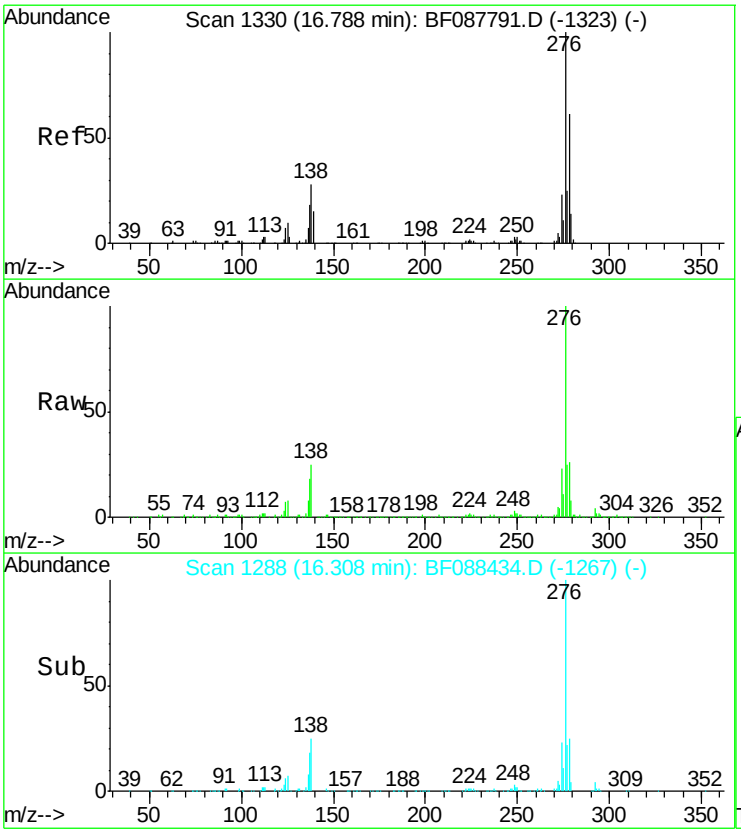
#82
Chrysene
Concen: 200.21 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:228 Resp: 1249498

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.2
229	24.1	16.3	24.5

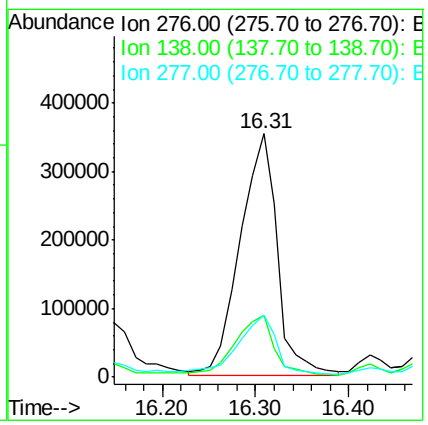


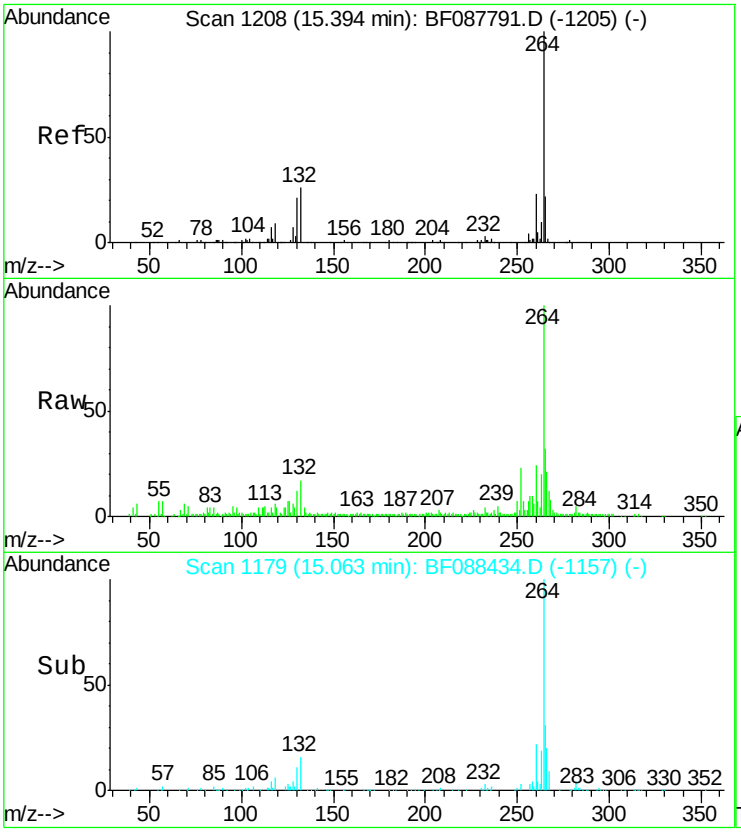


#85
Indeno(1,2,3-cd)pyrene
Concen: 168.15 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:276 Resp: 975036

Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	24.5	0.0	0.0#



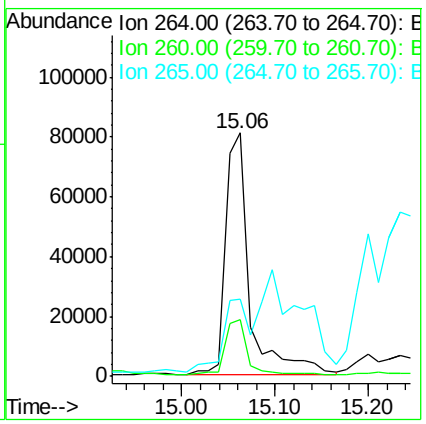


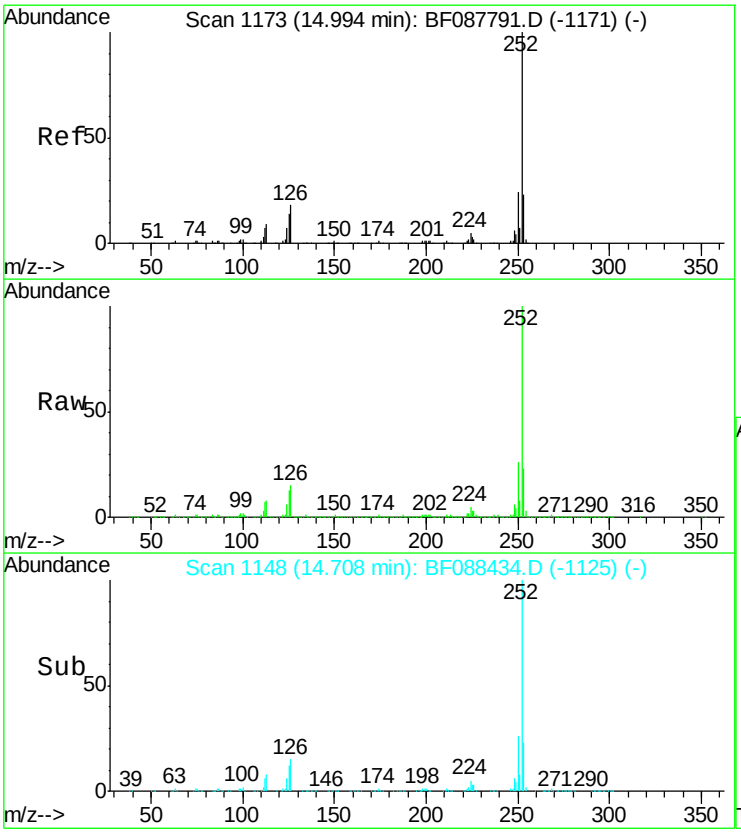
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:264 Resp: 144490

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	31.9	16.9	25.3#

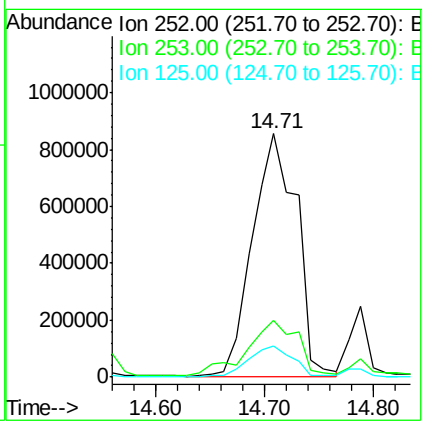


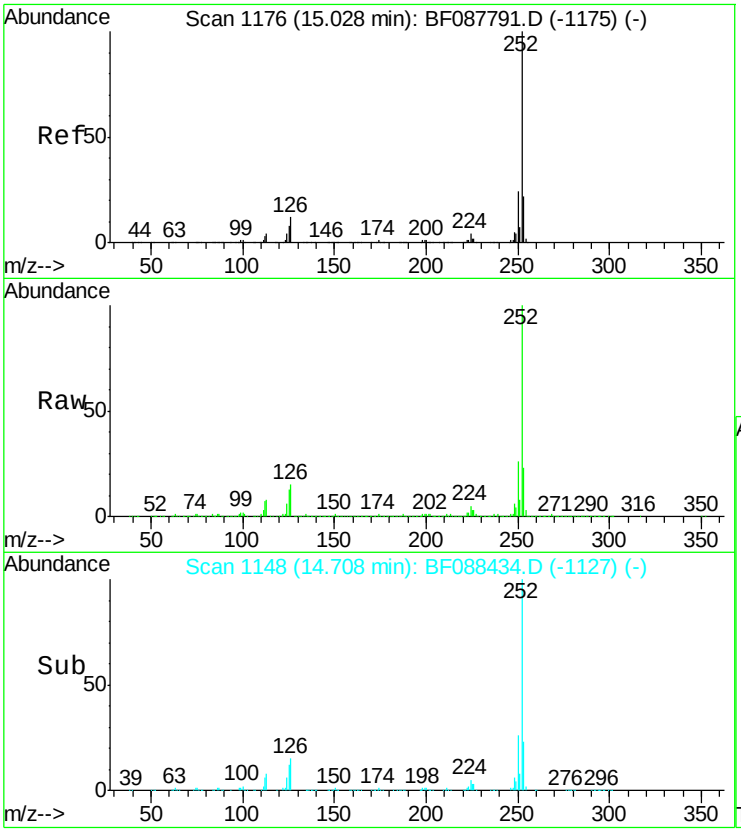


#87
Benzo(b)fluoranthene
Concen: 238.48 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:252 Resp: 2401735

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	12.6	7.1	10.7#



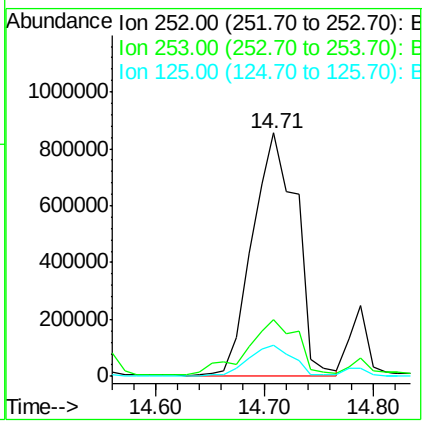


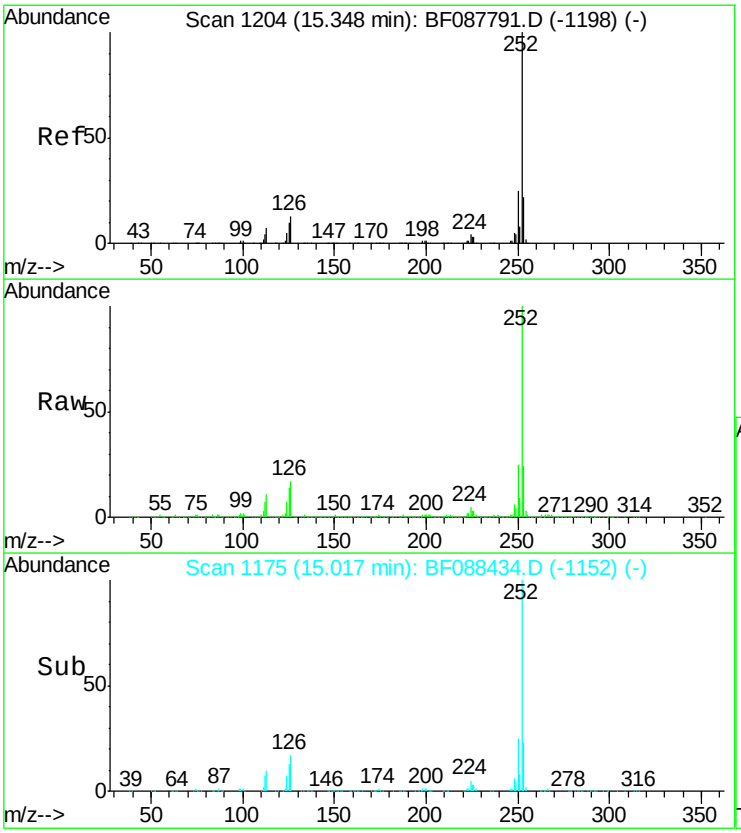
#88
Benzo(k)fluoranthene
Concen: 316.15 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:252 Resp: 2401735

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.6	11.2	16.8

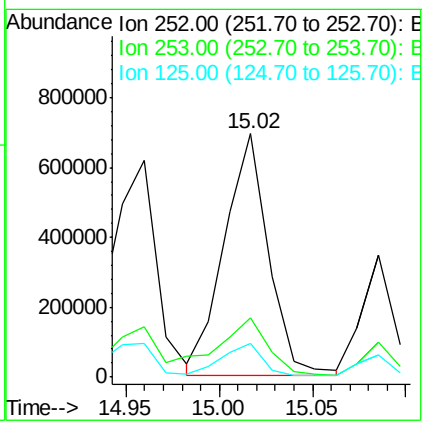


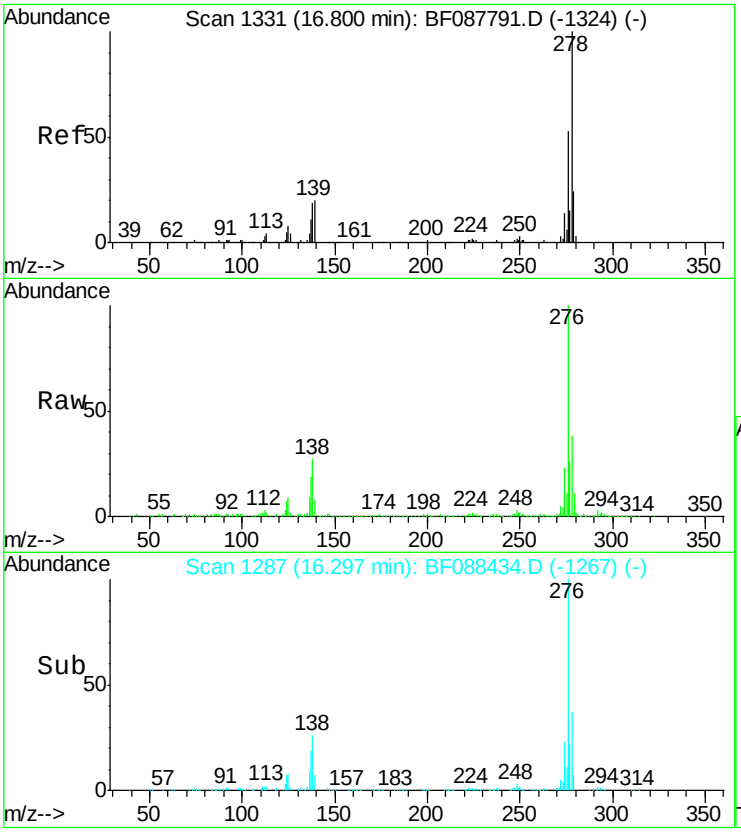


#89
Benzo(a)pyrene
Concen: 140.25 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:252 Resp: 1142703

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	13.6	12.5	18.7



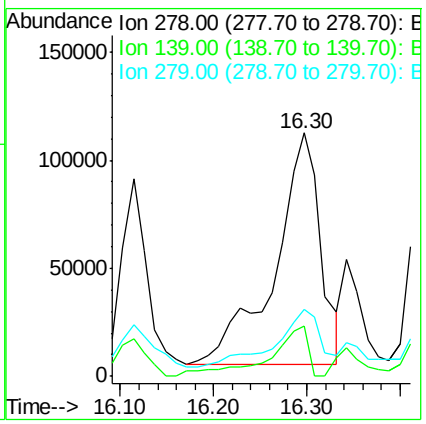


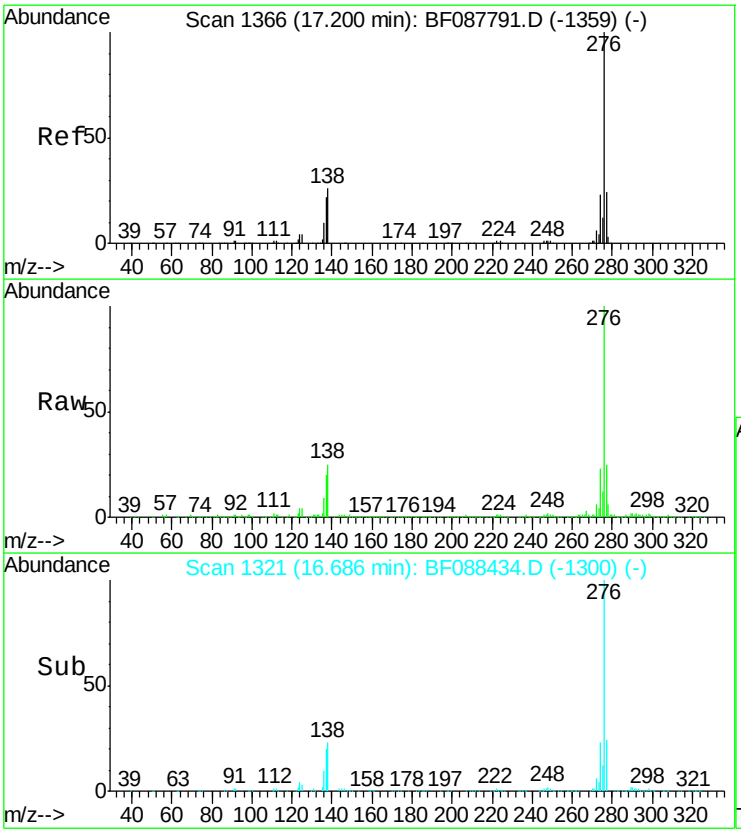
#90
Dibenzo(a,h)anthracene
Concen: 48.49 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Instrument :
BNA_F
ClientSampleId :
SUBSURFACEDUP

Tgt Ion:278 Resp: 366948

Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.7	23.5
279	27.4	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 118.15 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.06 min
Lab File: BF088434.D
Acq: 26 Jun 2016 22:49

Tgt Ion:276 Resp: 919737

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.9	28.3
138	24.5	21.4	32.2