Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090900.D
Acq On : 28 Oct 2016 10:44
Operator : UM/SJ
Sample : H5423-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2COMP(0-16FEET)

Quant Time: Oct 28 13:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	161894	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	660026	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	360341	20.00	ng		-0.02
63) Phenanthrene-d10	11.29	188	573942	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	400737	20.00	ng		-0.02
86) Perylene-d12	15.33	264	294019	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1506854	162.74	ng		-0.01
7) Phenol-d6	6.41	99	1783297	142.75	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1346894	133.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	488290	131.86	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1545237	75.30	ng		-0.02
78) Terphenyl-d14	12.88	244	1339651	84.22	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.42	94	39468	2.87	ng	#	54
15) Benzyl Alcohol	6.91	79	22220	2.71	ng	#	33
17) 2-Methylphenol	7.18	107	135628	15.61	ng	#	74
19) n-Nitroso-di-n-propylamine	7.33	70	185103	25.63	ng	#	51
20) 3+4-Methylphenols	7.18	107	142398	14.16	ng		87
31) Naphthalene	8.06	128	96113	3.12	ng		97
49) Dimethylphthalate	9.53	163	767265	31.87	ng	#	98
51) Acenaphthene	9.84	154	51266	2.49	ng		89
55) 4-Nitrophenol	10.01	139	16439	4.76	ng	#	29
56) 2,4-Dinitrotoluene	9.80	165	47979	7.26	ng	#	33
57) Fluorene	10.35	166	51748	2.38	ng		93
66) 4-Bromophenyl-phenylether	10.59	248	29660	4.72	ng	#	1
70) Phenanthrene	11.31	178	604101	20.67	ng		96
71) Anthracene	11.36	178	119695	3.89	ng		96
72) Carbazole	11.52	167	59626	2.19	ng	#	94
74) Fluoranthene	12.51	202	616420	19.26	ng		93
77) Pyrene	12.73	202	548778	21.64	ng		96
80) Benzo(a)anthracene	13.92	228	243375	11.44	ng		94
82) Chrysene	13.92	228	243375	11.31	ng		96
85) Indeno(1,2,3-cd)pyrene	16.67	276	82893	4.35	ng	#	88
87) Benzo(b)fluoranthene	14.93	252	234723	11.87	ng	#	92
88) Benzo(k)fluoranthene	14.93	252	234723	15.02	ng	#	93
89) Benzo(a)pyrene	15.27	252	132197	7.78	ng		95
91) Benzo(g,h,i)perylene	17.08	276	84426	6.23	ng	#	79

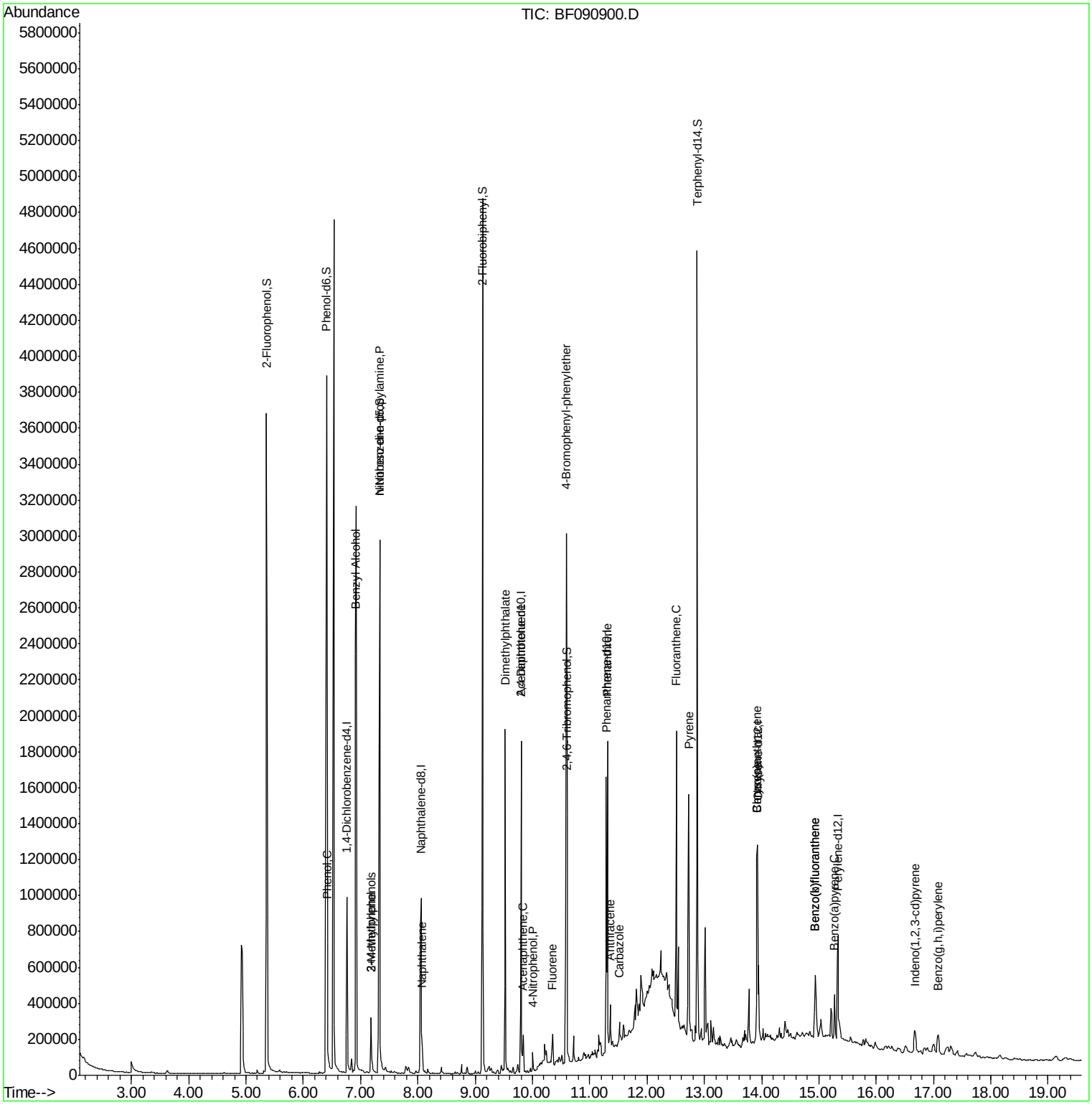
(#) = qualifier out of range (m) = manual integration (+) = signals summed

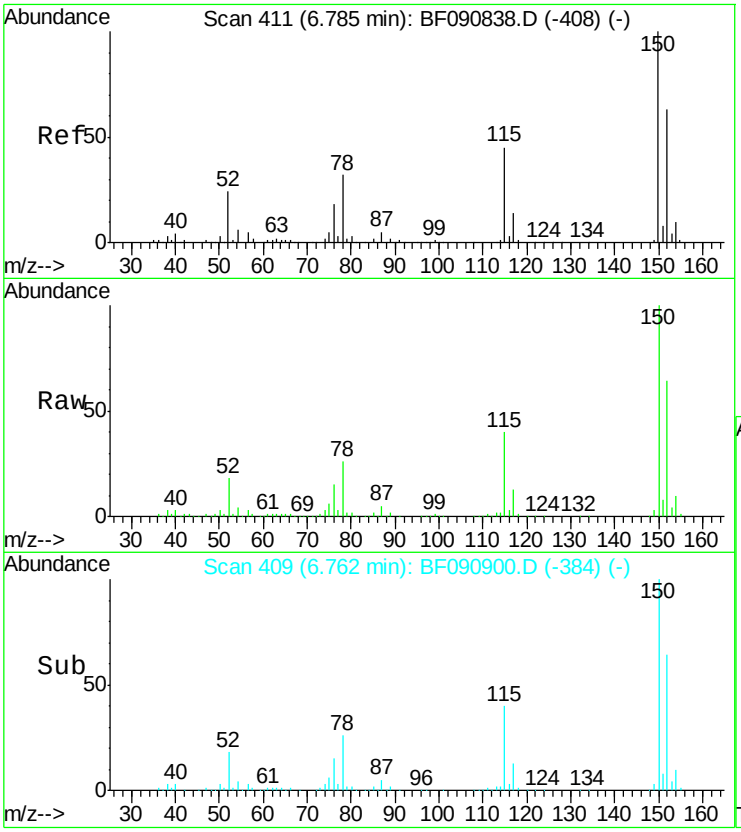
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090900.D
Acq On : 28 Oct 2016 10:44
Operator : UM/SJ
Sample : H5423-03RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Quant Time: Oct 28 13:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration



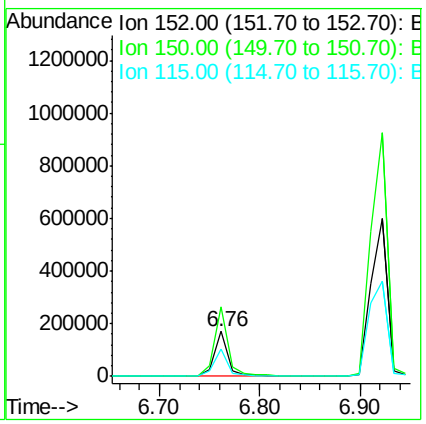


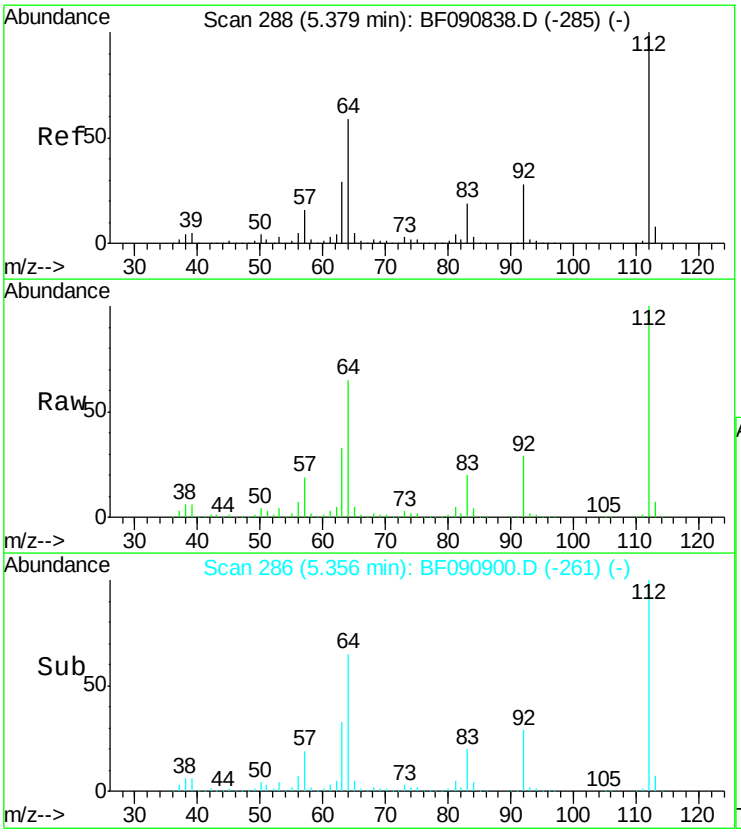
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:152 Resp: 161894

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	61.9	39.0	58.4#

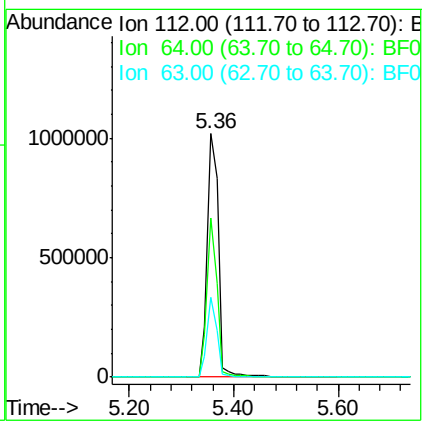


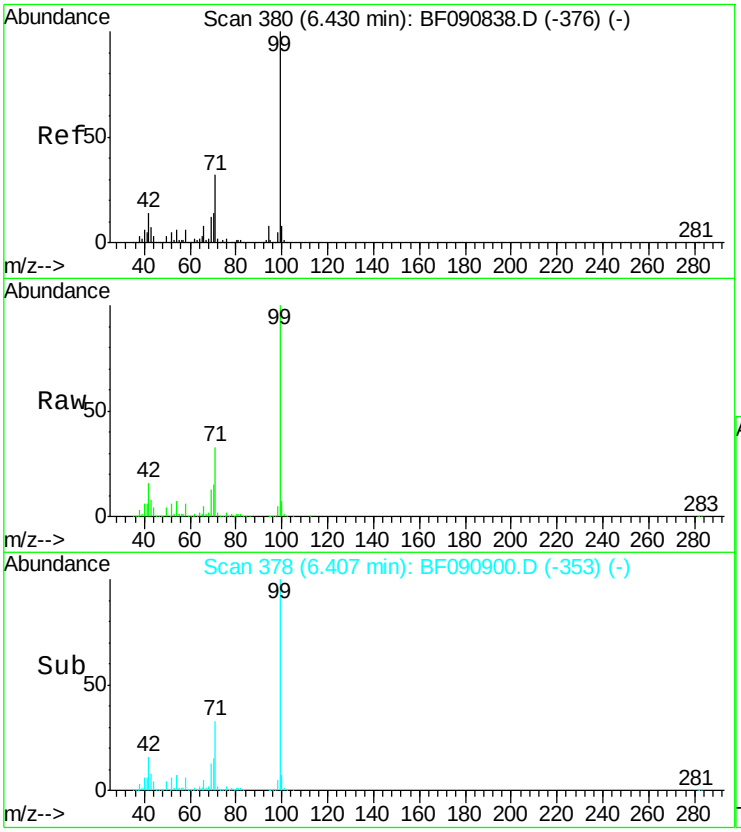


#5
2-Fluorophenol
Concen: 162.74 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:112 Resp: 1506854

Ion	Ratio	Lower	Upper
112	100		
64	65.3	39.7	59.5#
63	32.6	17.4	26.0#



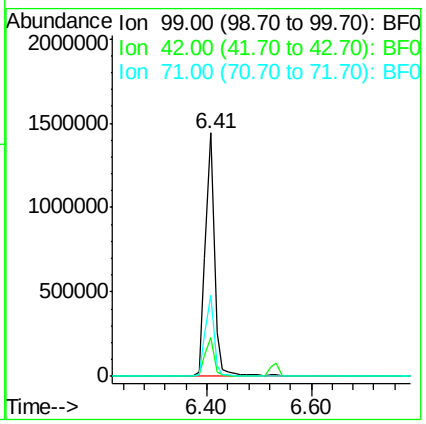


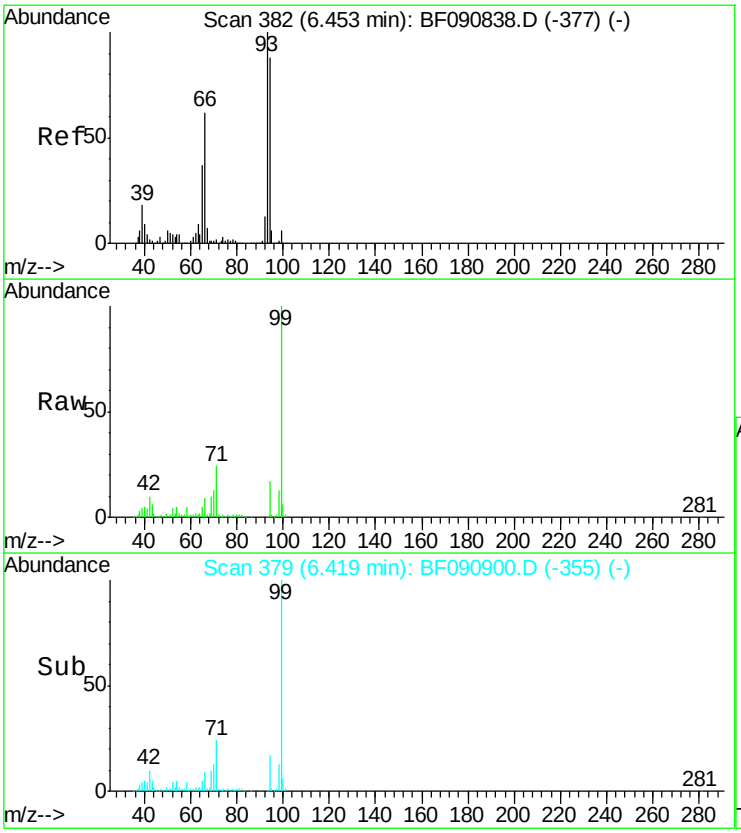
#7
Phenol-d6
Concen: 142.75 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion: 99 Resp: 1783297

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	33.2	14.2	21.2#

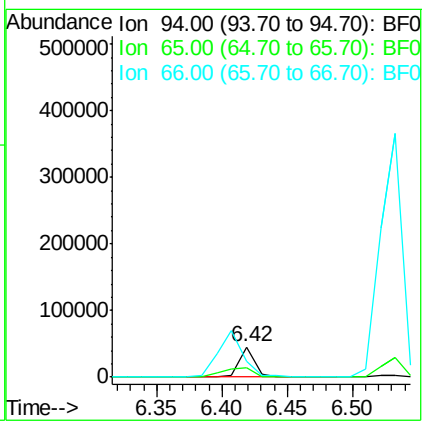


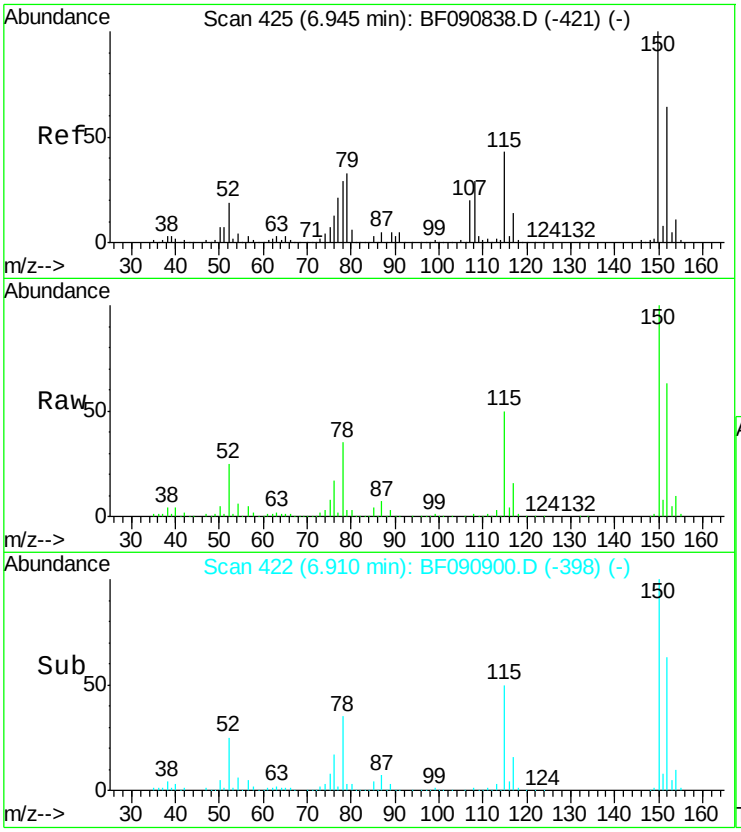


#10
Phenol
Concen: 2.87 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion: 94 Resp: 39468

Ion	Ratio	Lower	Upper
94	100		
65	31.5	0.7	40.7
66	53.1	0.8	40.8#



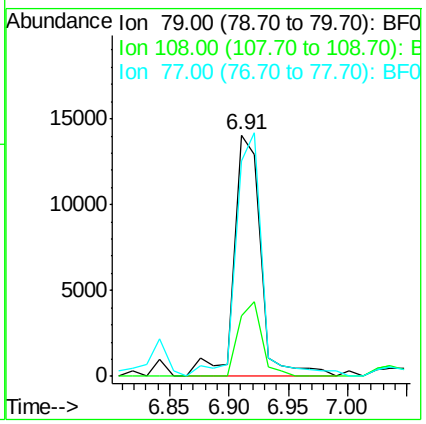


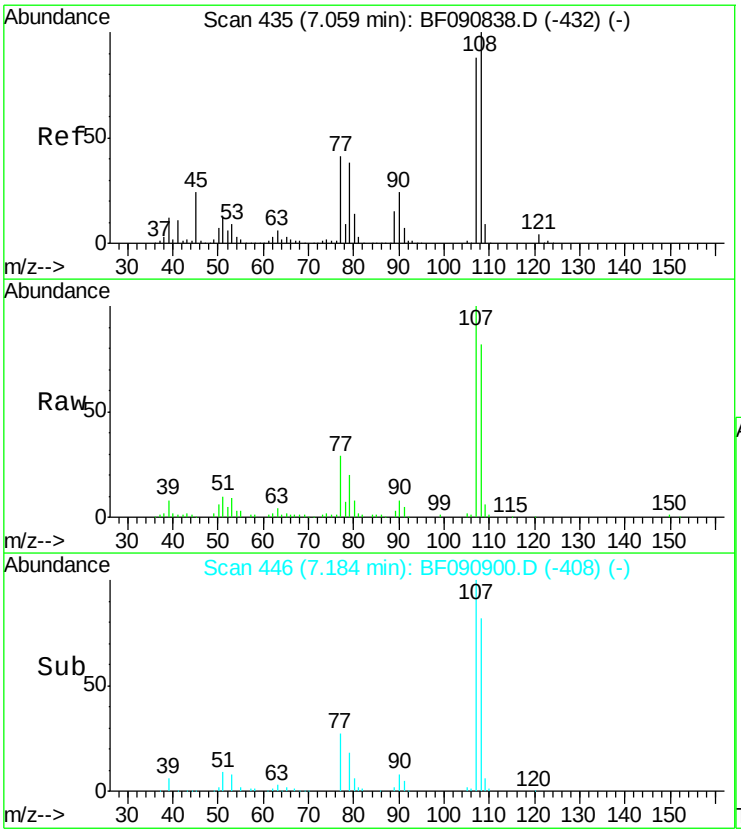
#15
Benzyl Alcohol
Concen: 2.71 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion: 79 Resp: 22220

Ion	Ratio	Lower	Upper
79	100		
108	25.3	88.6	132.8#
77	89.2	47.0	70.4#

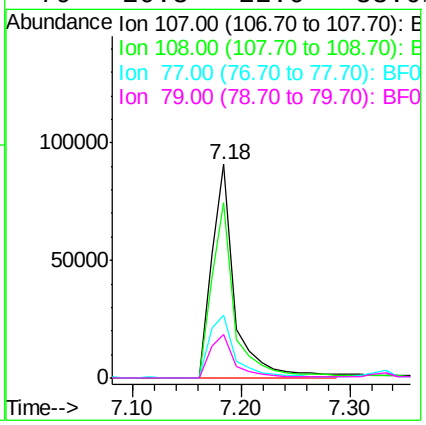


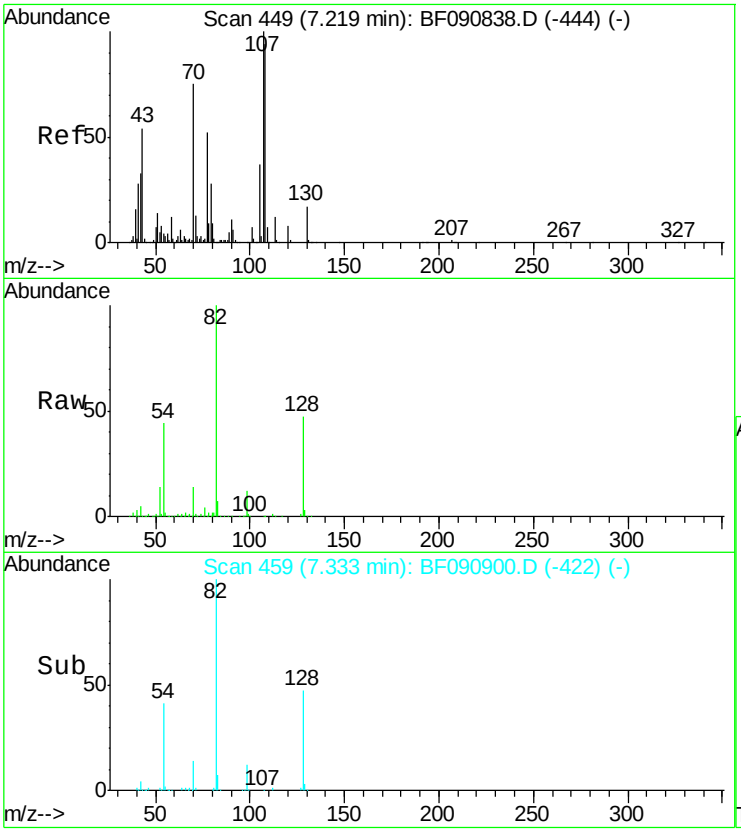


#17
2-Methylphenol
Concen: 15.61 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:107 Resp: 135628

Ion	Ratio	Lower	Upper
107	100		
108	81.9	96.6	145.0#
77	29.2	23.3	34.9
79	20.3	22.0	33.0#



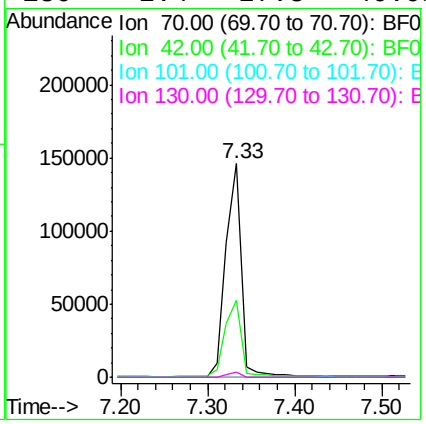


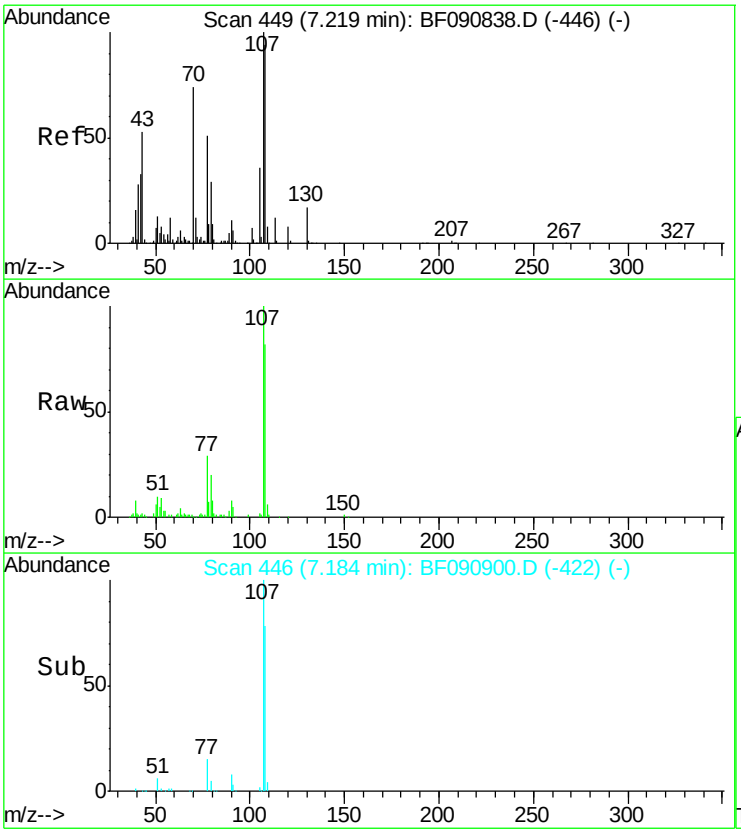
#19
n-Nitroso-di-n-propylamine
Concen: 25.63 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion: 70 Resp: 185103

Ion	Ratio	Lower	Upper
70	100		
42	36.2	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#

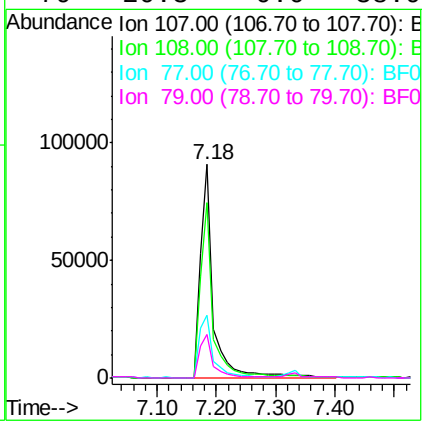


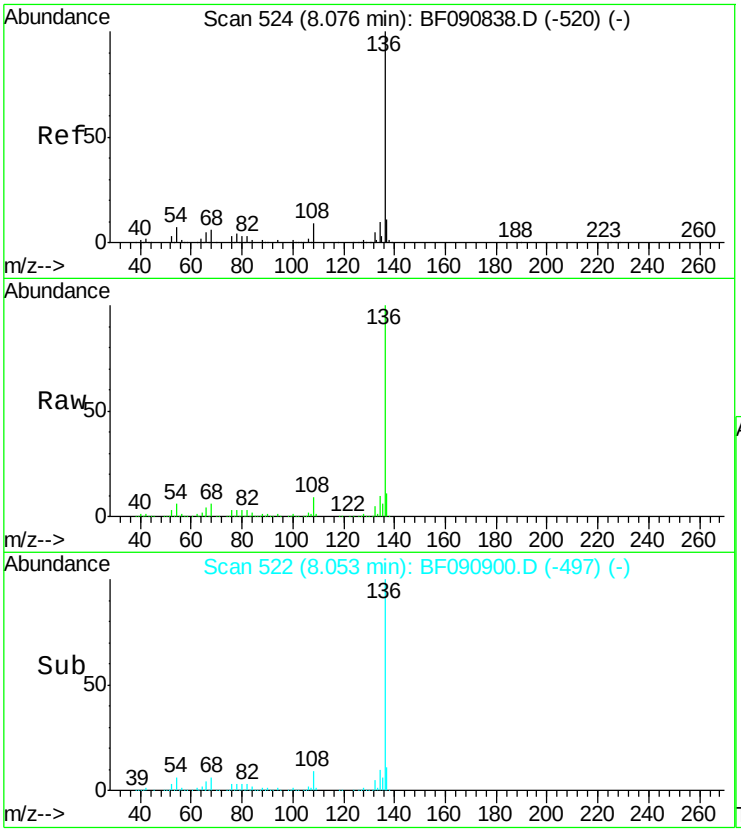


#20
3+4-Methylphenols
Concen: 14.16 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:107 Resp: 142398

Ion	Ratio	Lower	Upper
107	100		
108	81.9	74.6	114.6
77	29.2	0.7	40.7
79	20.3	0.0	38.9



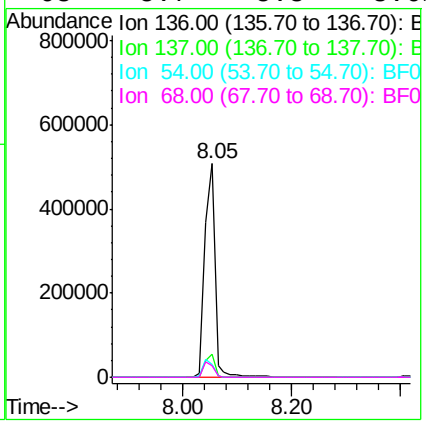


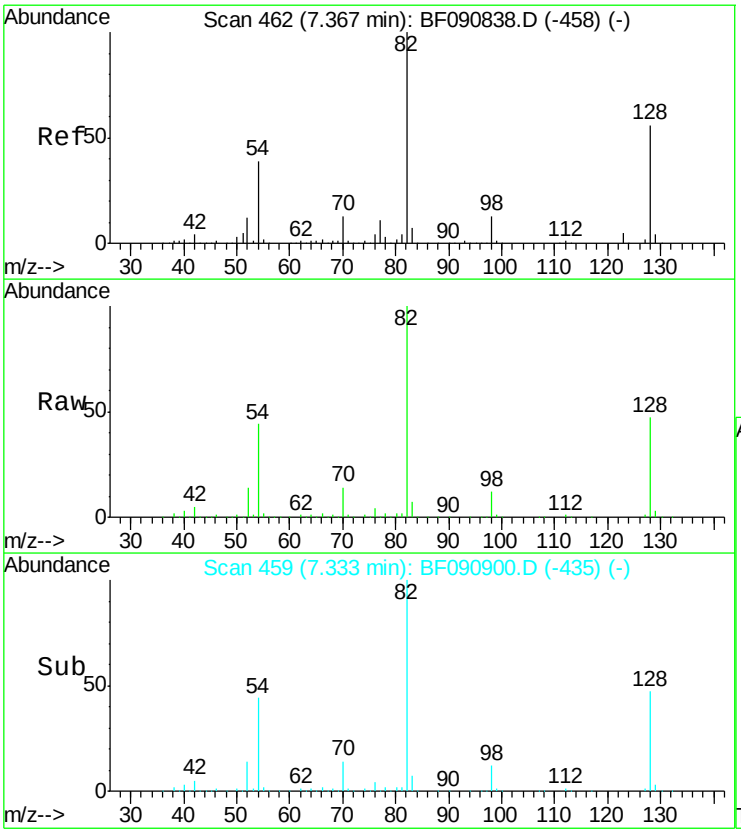
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:136 Resp: 660026

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.0	8.2	12.2#
68	5.7	5.8	8.6#

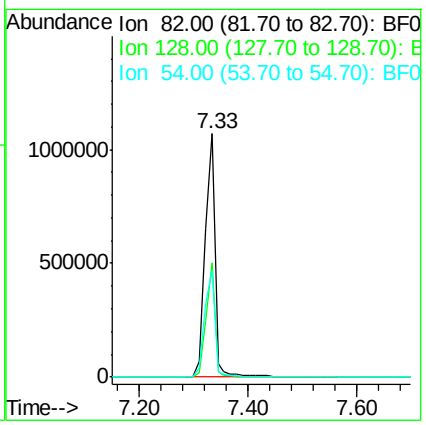


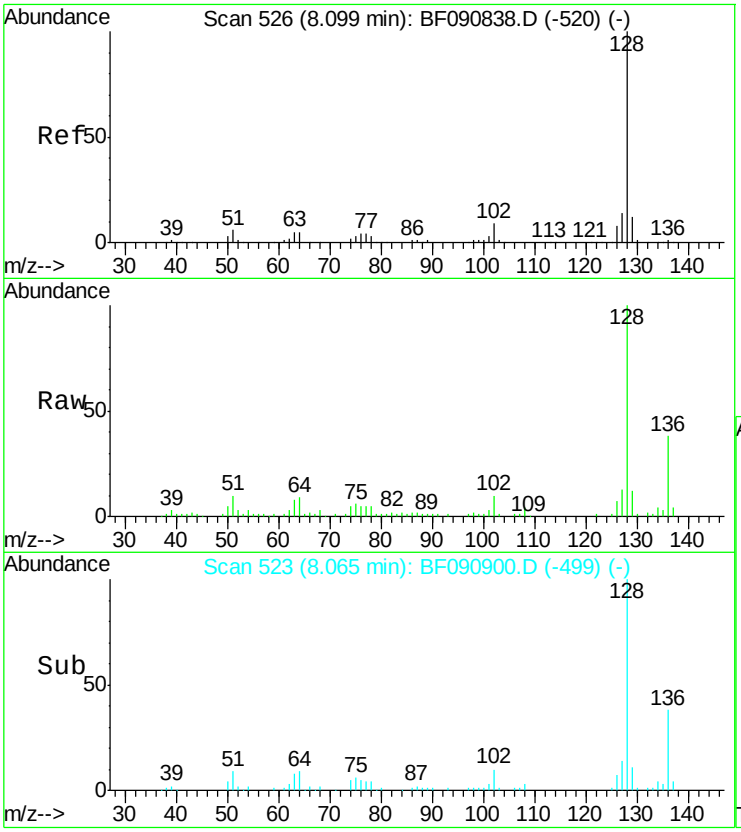


#23
Nitrobenzene-d5
Concen: 133.59 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion: 82 Resp: 1346894

Ion	Ratio	Lower	Upper
82	100		
128	47.2	51.0	76.6#
54	44.0	47.5	71.3#



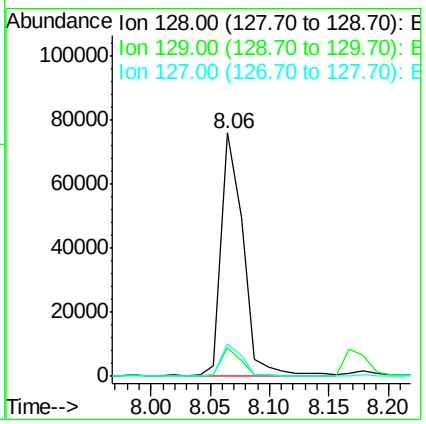


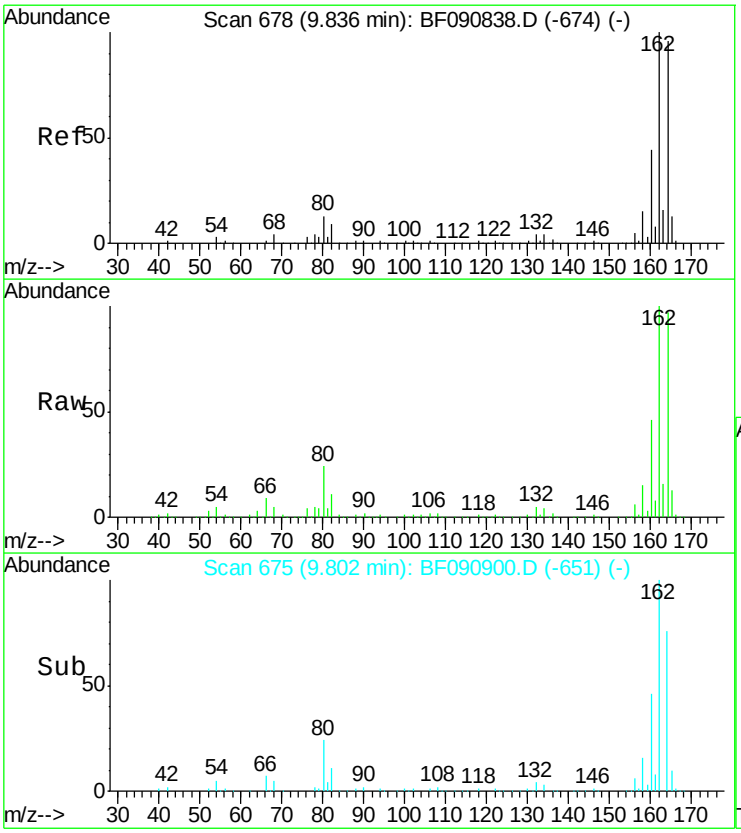
#31
Naphthalene
Concen: 3.12 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:128 Resp: 96113

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.4	12.6
127	13.4	9.9	14.9

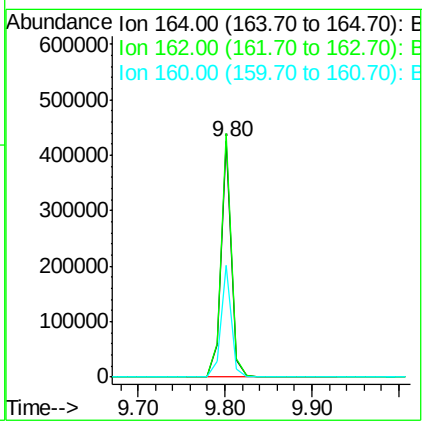


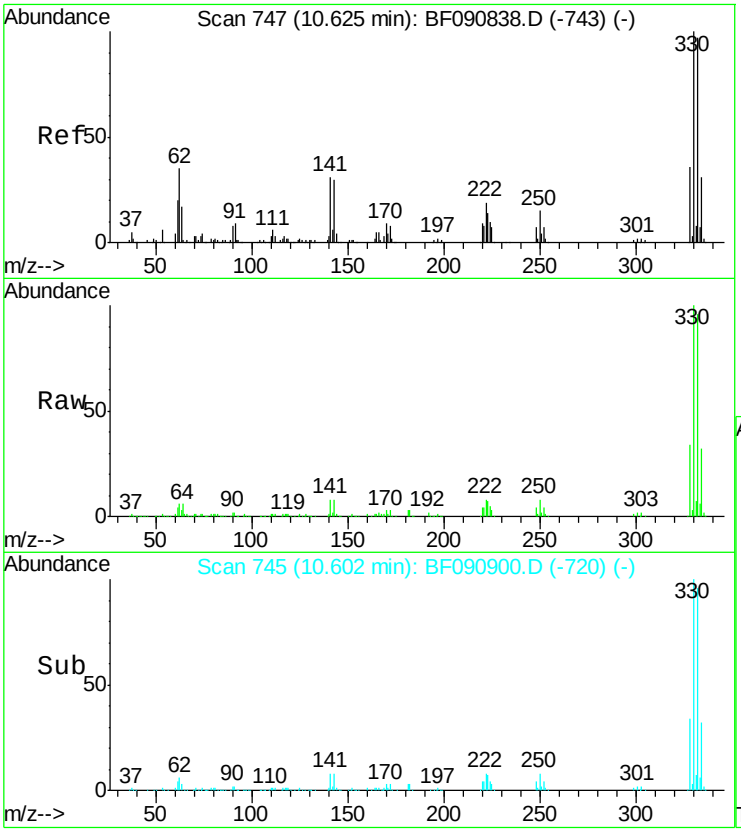


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:164 Resp: 360341

Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	47.3	31.5	47.3



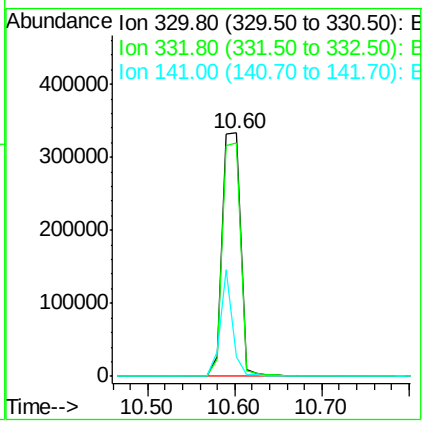


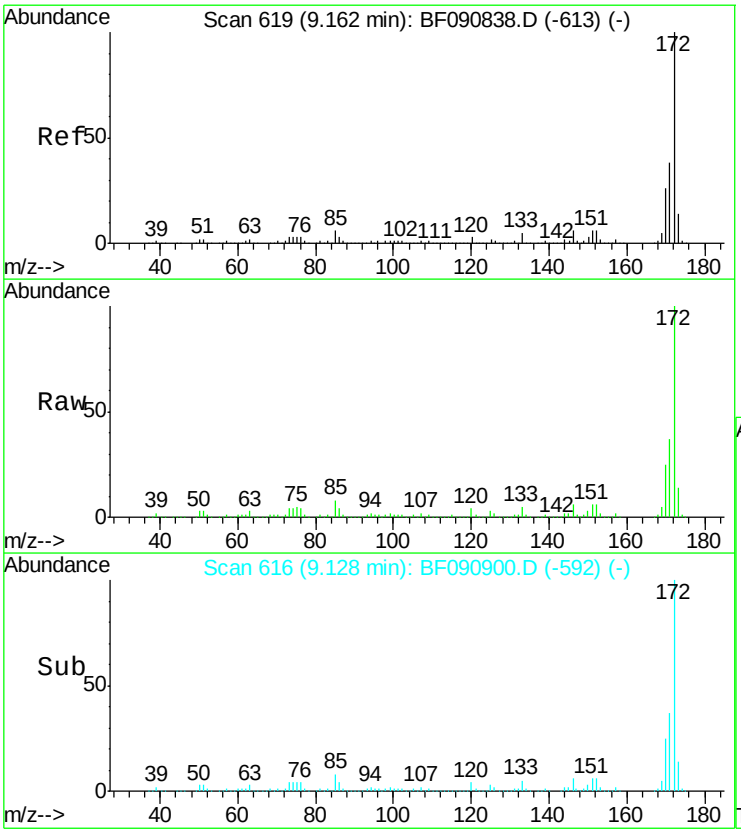
#41
2,4,6-Tribromophenol
Concen: 131.86 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:330 Resp: 488290

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	30.5	29.7	44.5

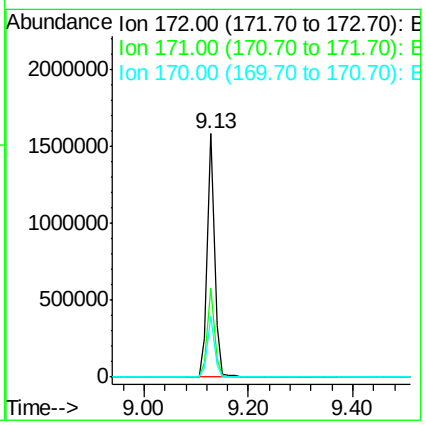


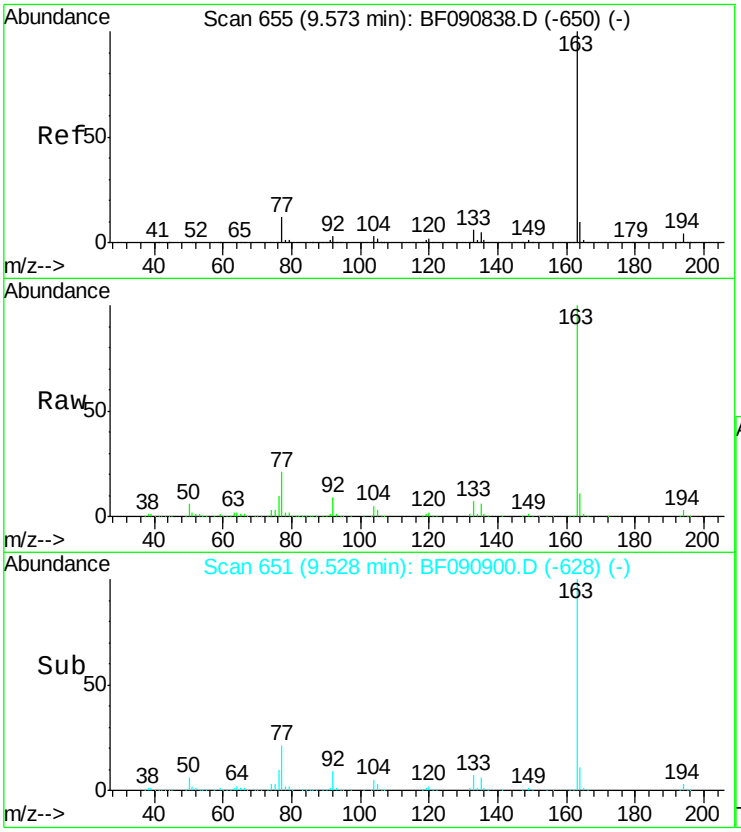


#44
2-Fluorobiphenyl
Concen: 75.30 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:172 Resp: 1545237

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	25.1	17.4	26.2



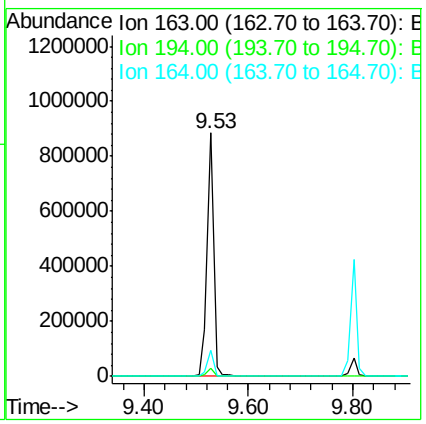


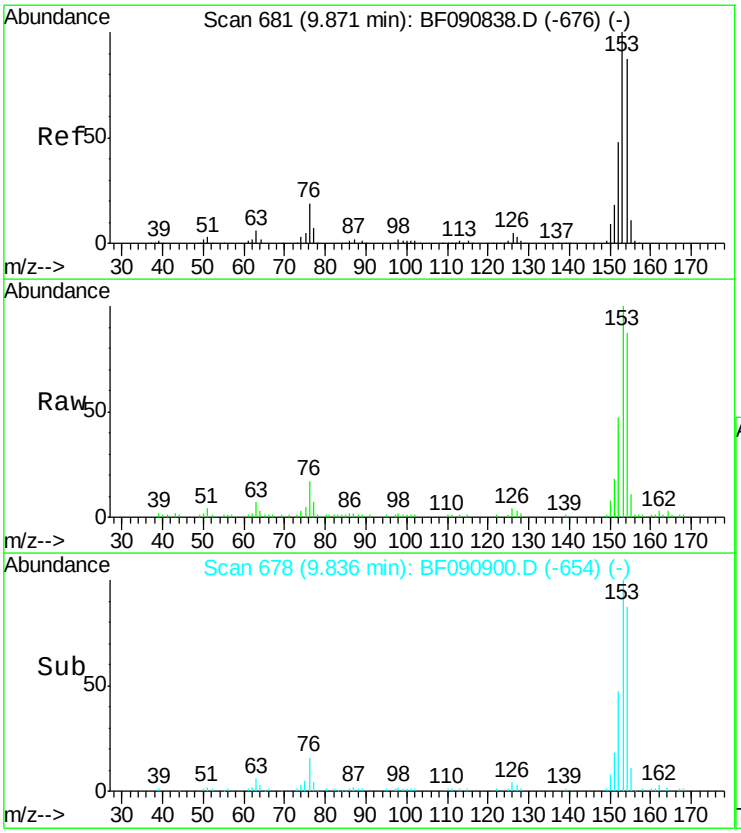
#49
Dimethylphthalate
Concen: 31.87 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:163 Resp: 767265

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.5	8.3	12.5

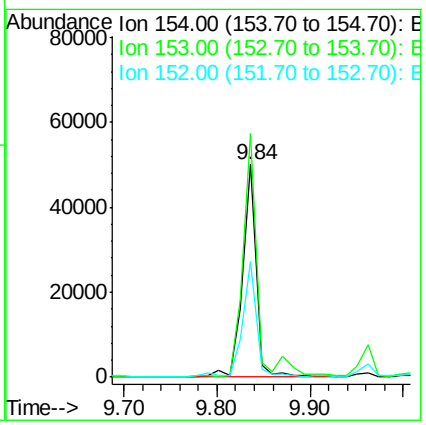


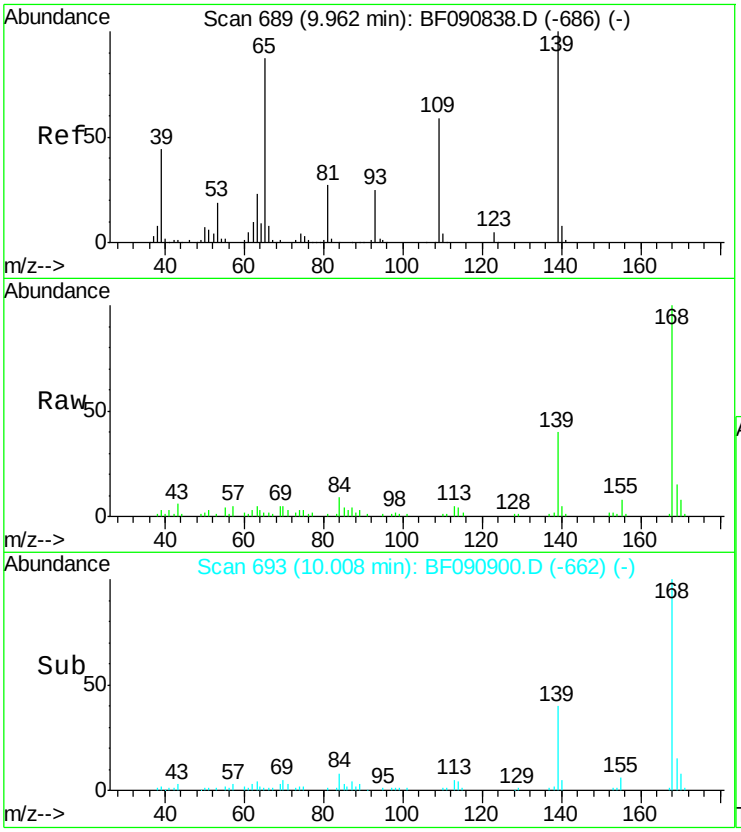


#51
Acenaphthene
Concen: 2.49 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:154 Resp: 51266

Ion	Ratio	Lower	Upper
154	100		
153	114.5	82.1	123.1
152	54.4	37.9	56.9



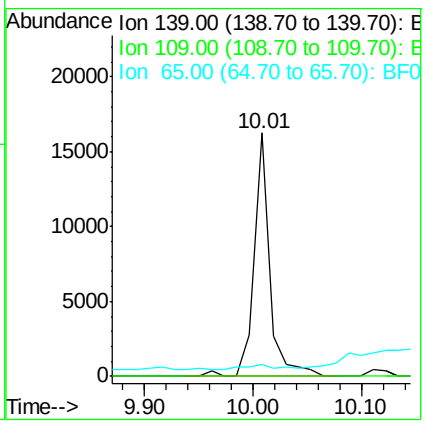


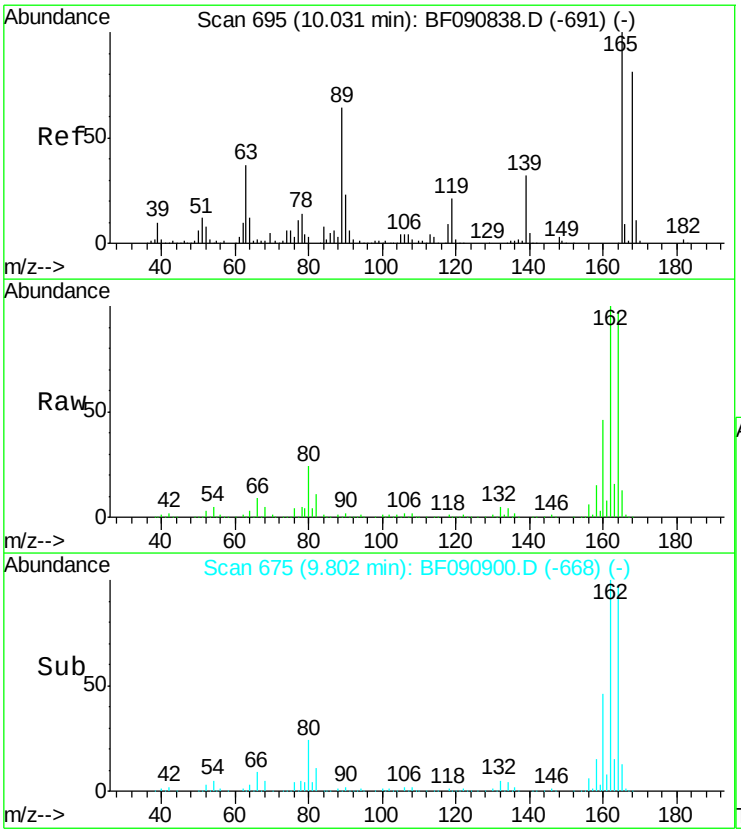
#55
4-Nitrophenol
Concen: 4.76 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.06 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:139 Resp: 16439

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	4.9	45.9	85.9#

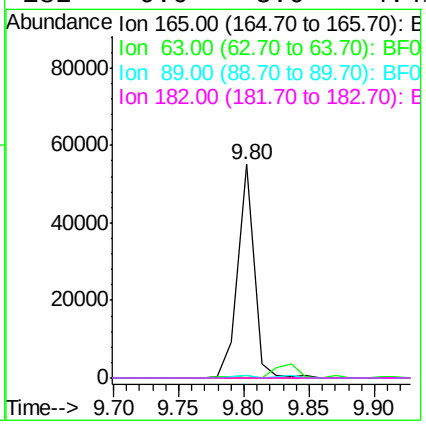


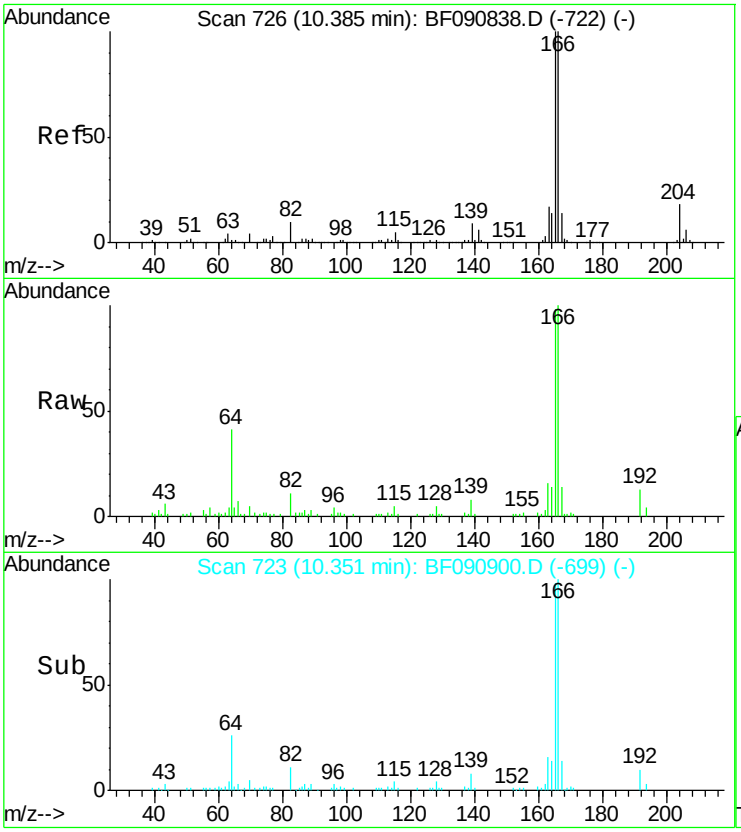


#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.22 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:165 Resp: 47979

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#



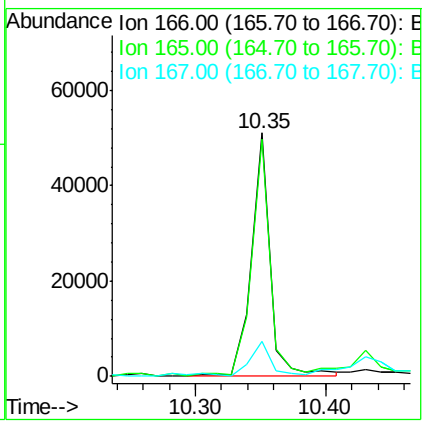


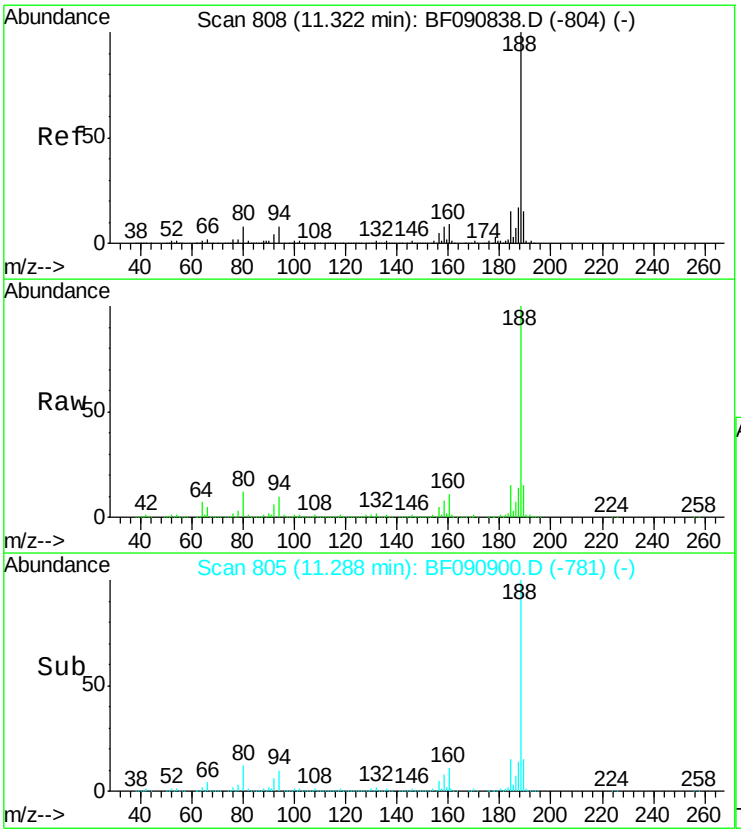
#57
Fluorene
Concen: 2.38 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:166 Resp: 51748

Ion	Ratio	Lower	Upper
166	100		
165	97.6	72.6	109.0
167	14.3	10.6	16.0

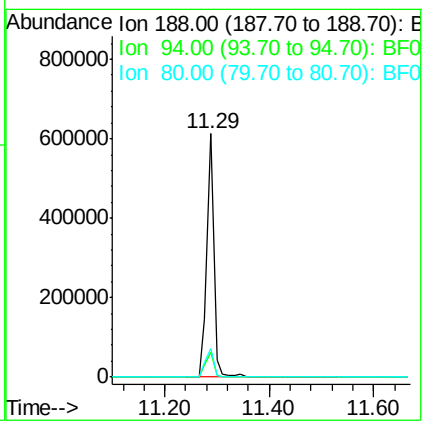


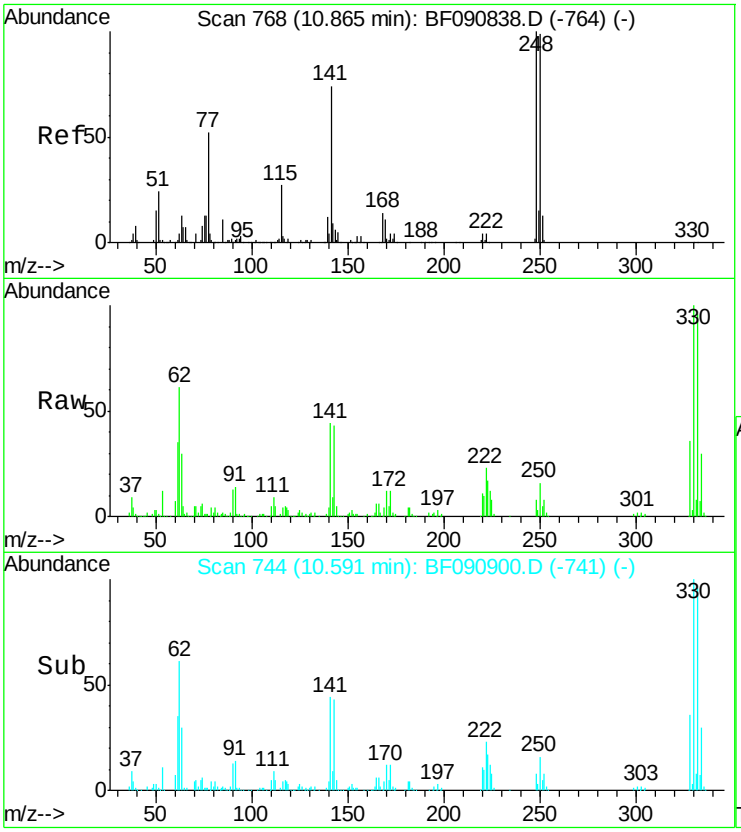


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:188 Resp: 573942

Ion	Ratio	Lower	Upper
188	100		
94	10.4	11.1	16.7#
80	11.5	11.0	16.4



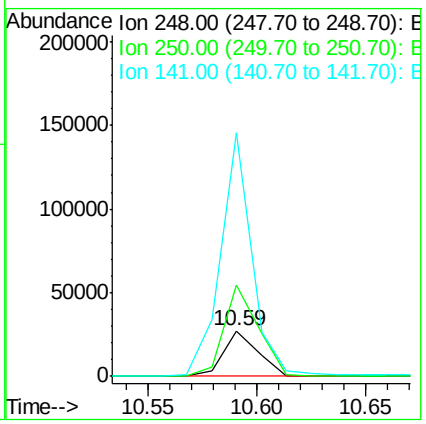


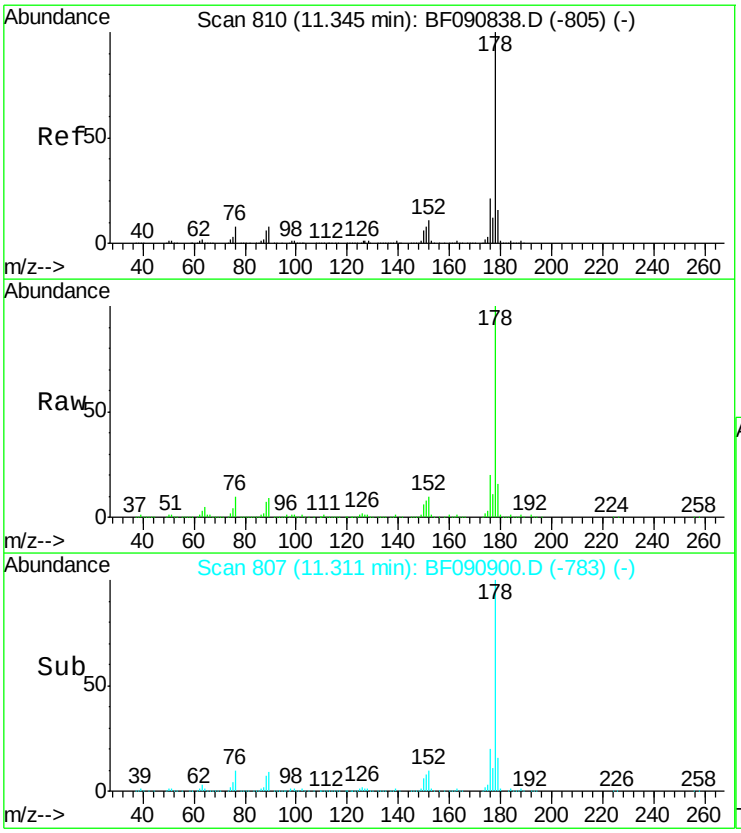
#66
4-Bromophenyl-phenylether
Concen: 4.72 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:248 Resp: 29660

Ion	Ratio	Lower	Upper
248	100		
250	200.1	78.5	117.7#
141	534.7	59.0	88.6#

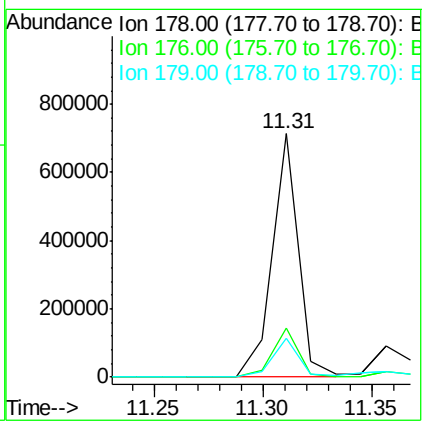


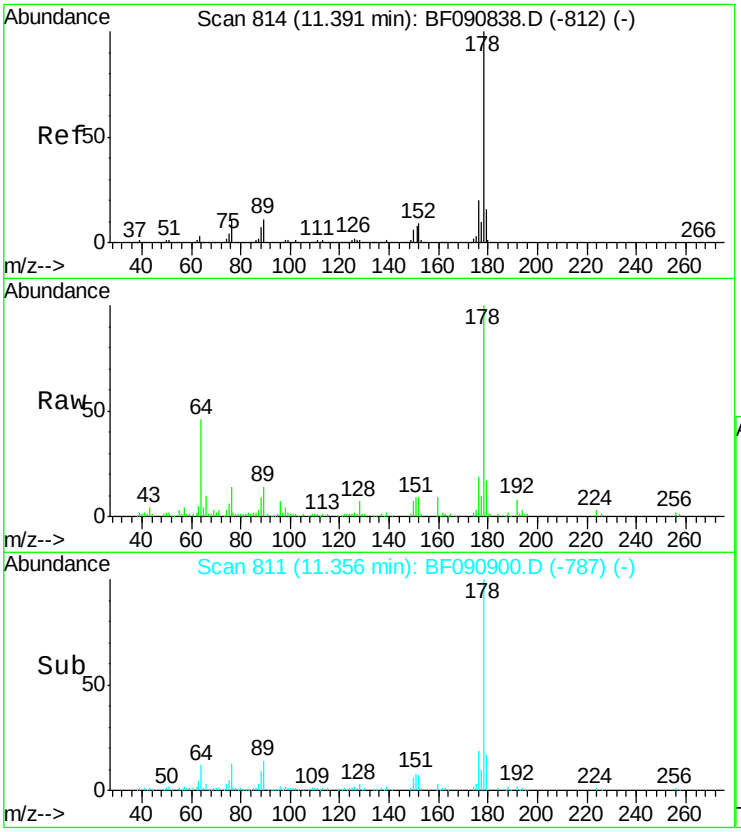


#70
Phenanthrene
Concen: 20.67 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:178 Resp: 604101

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	16.0	12.2	18.2



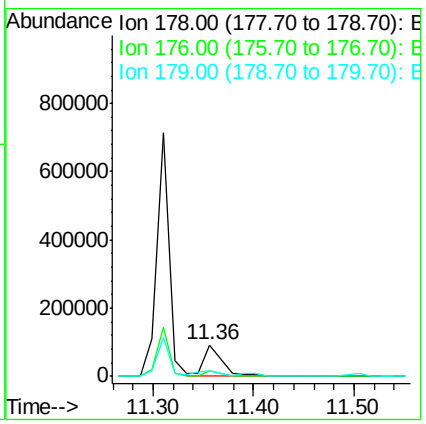


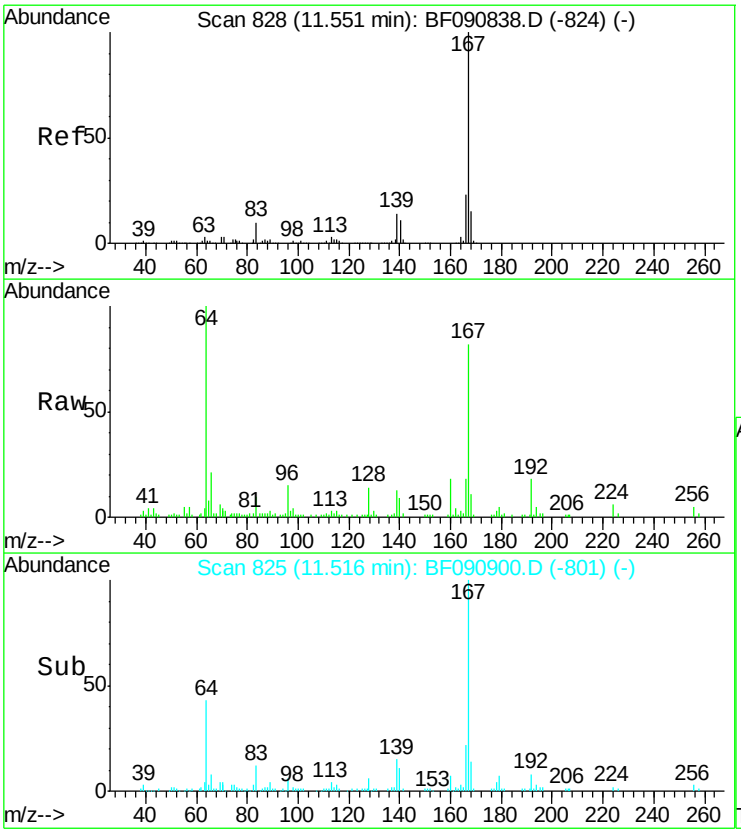
#71
Anthracene
Concen: 3.89 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:178 Resp: 119695

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	16.8	12.2	18.2

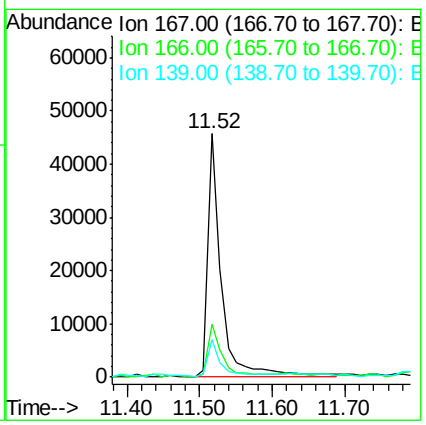


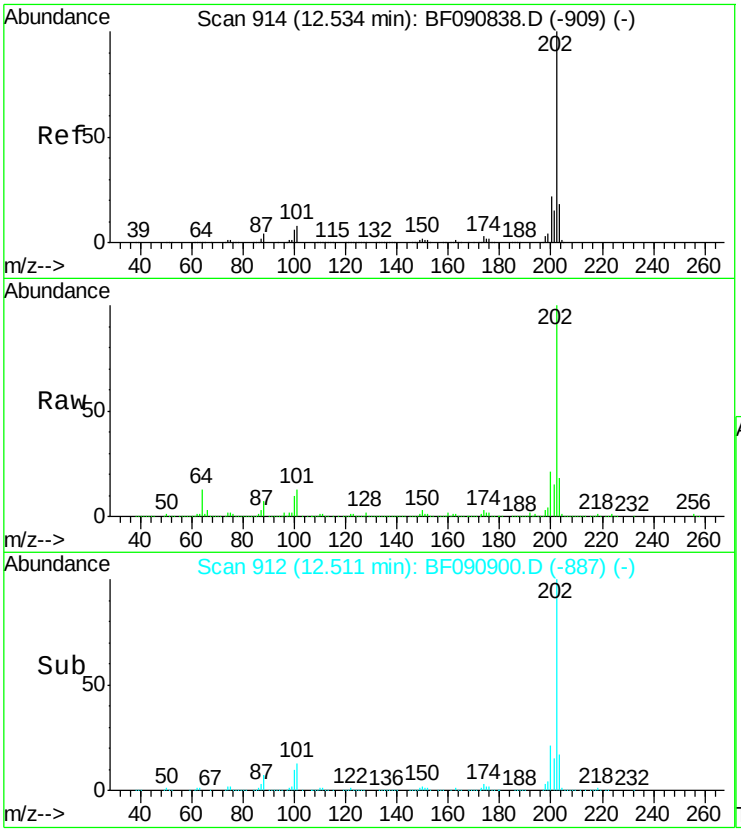


#72
Carbazole
Concen: 2.19 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:167 Resp: 59626

Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	15.5	9.5	14.3#



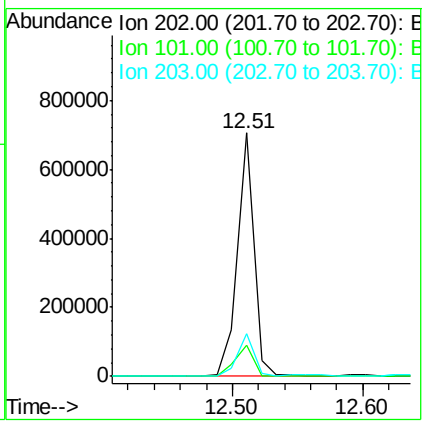


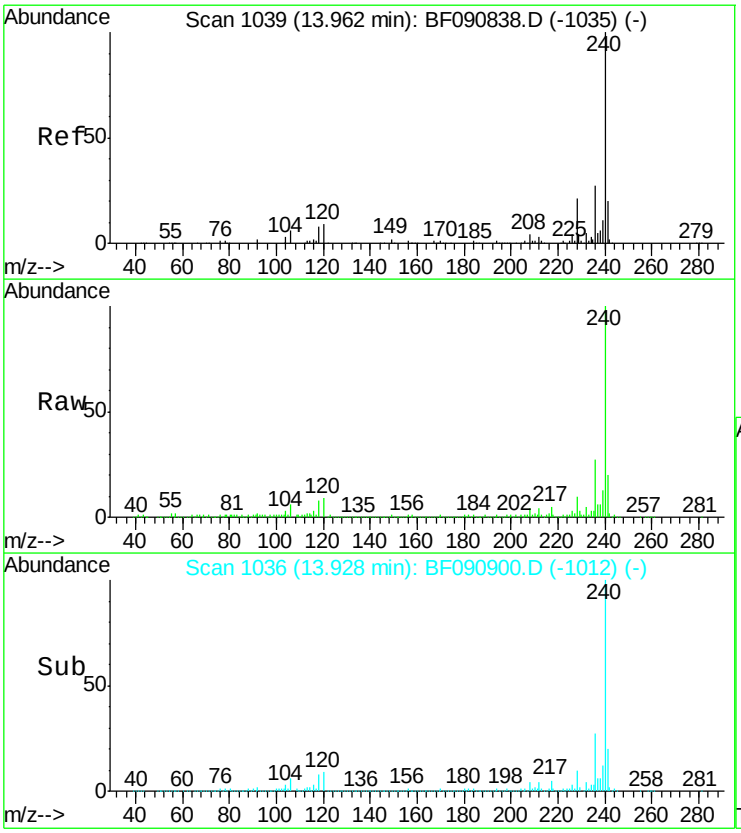
#74
Fluoranthene
Concen: 19.26 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:202 Resp: 616420

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	38.3
203	17.5	0.0	37.3

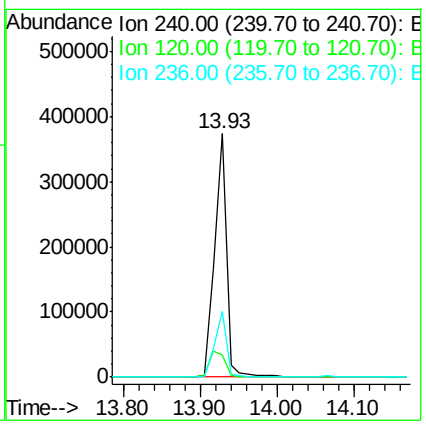


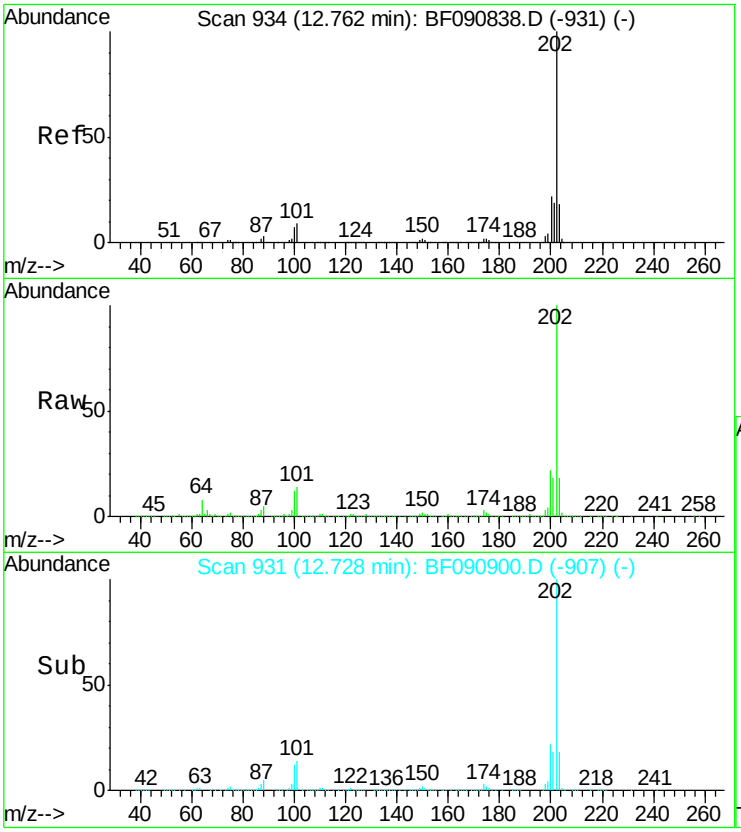


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:240 Resp: 400737

Ion	Ratio	Lower	Upper
240	100		
120	9.3	16.2	24.2#
236	26.9	18.4	27.6



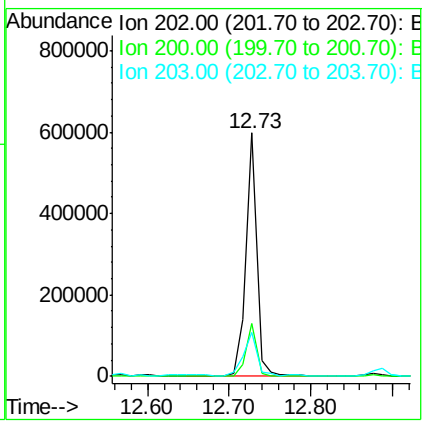


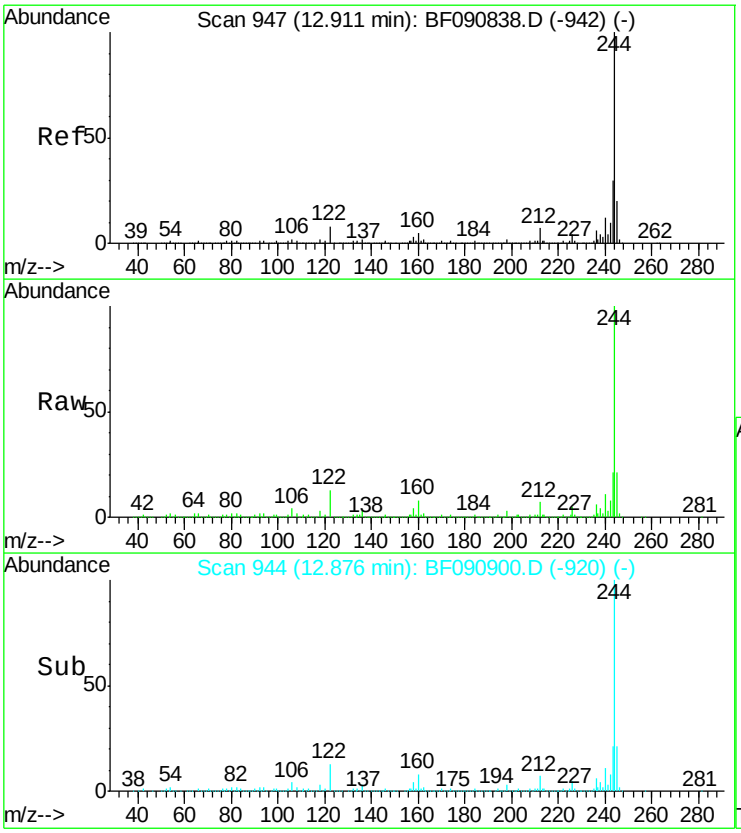
#77
Pyrene
Concen: 21.64 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:202 Resp: 548778

Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.0	14.1	21.1

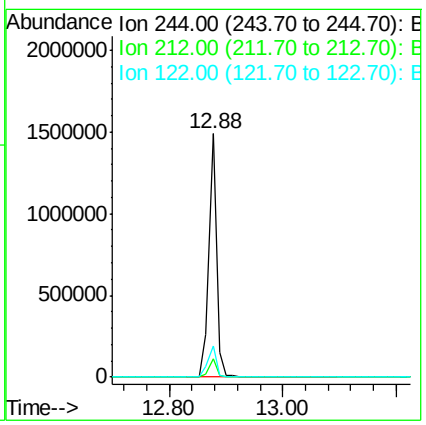


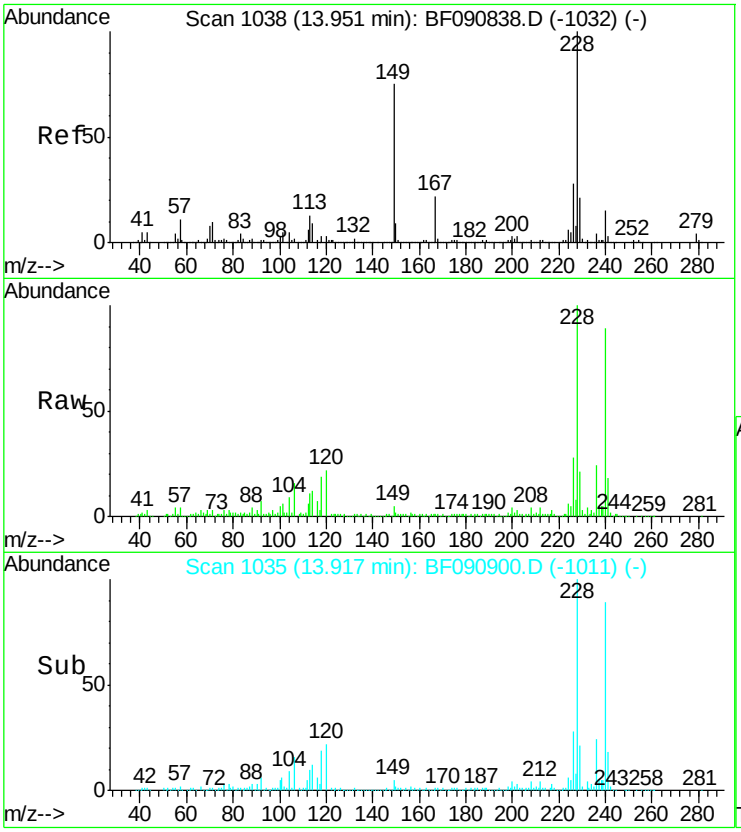


#78
Terphenyl-d14
Concen: 84.22 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:244 Resp: 1339651

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	12.8	17.4	26.2#



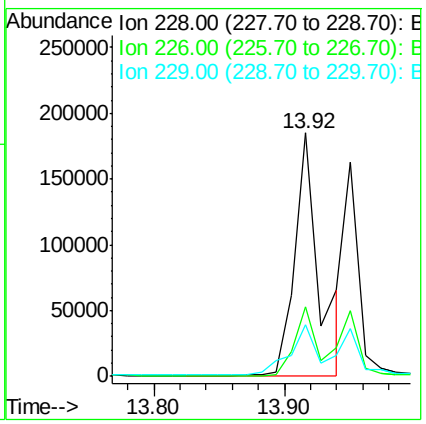


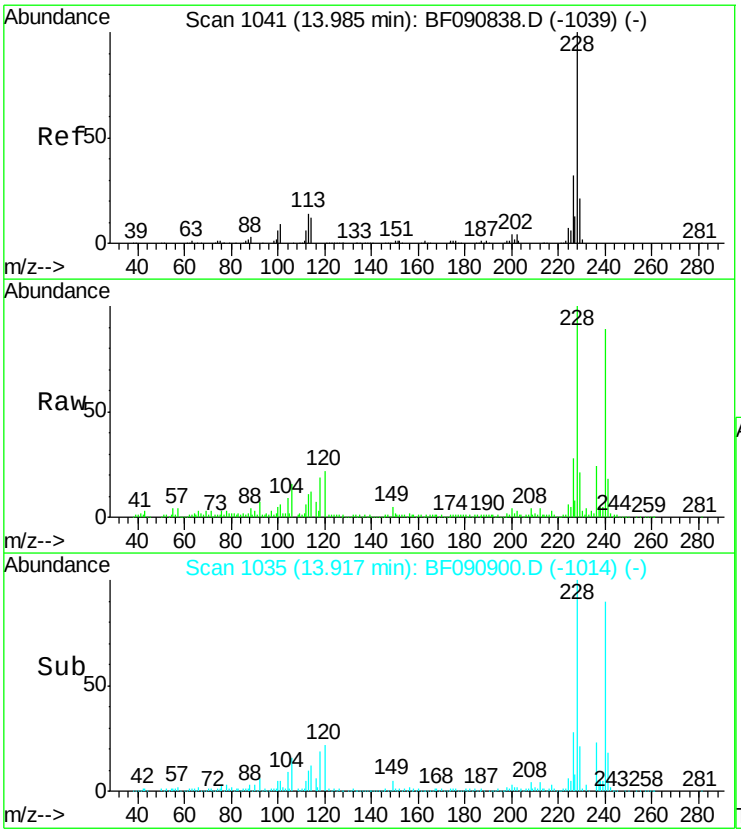
#80
Benzo(a)anthracene
Concen: 11.44 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:228 Resp: 243375

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	21.3	15.4	23.2

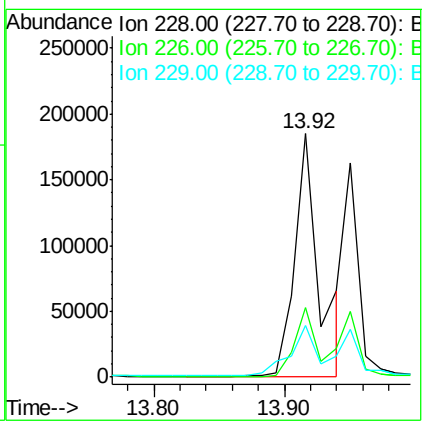


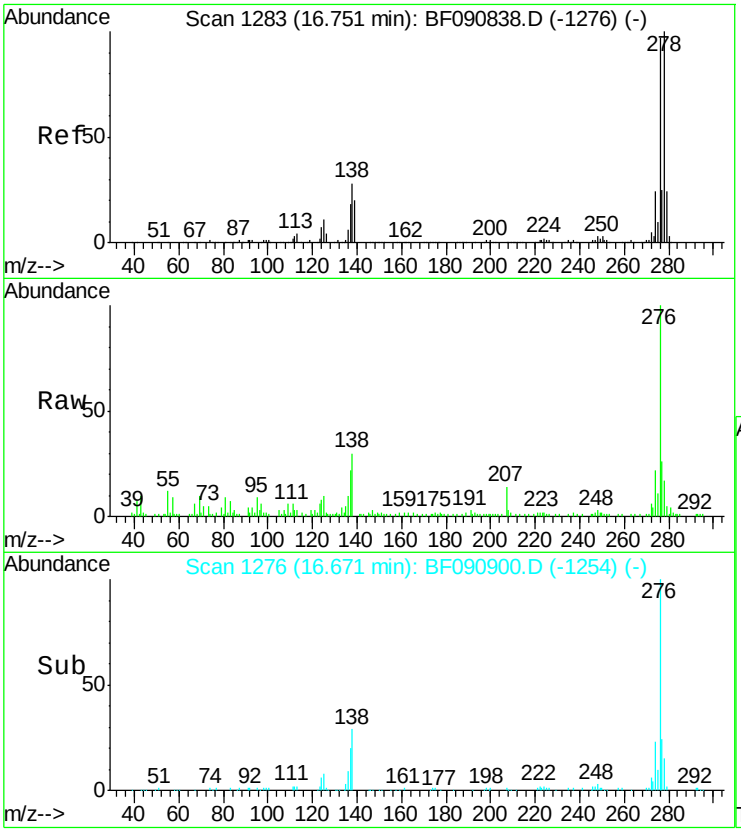


#82
Chrysene
Concen: 11.31 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:228 Resp: 243375

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	21.3	15.6	23.4



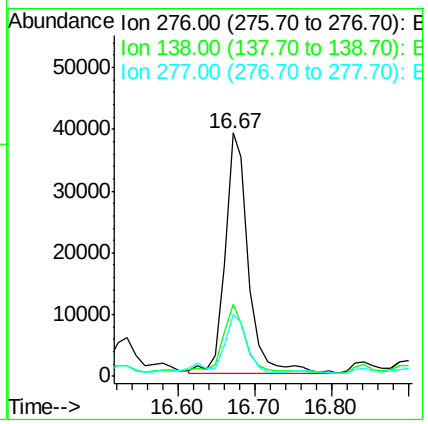


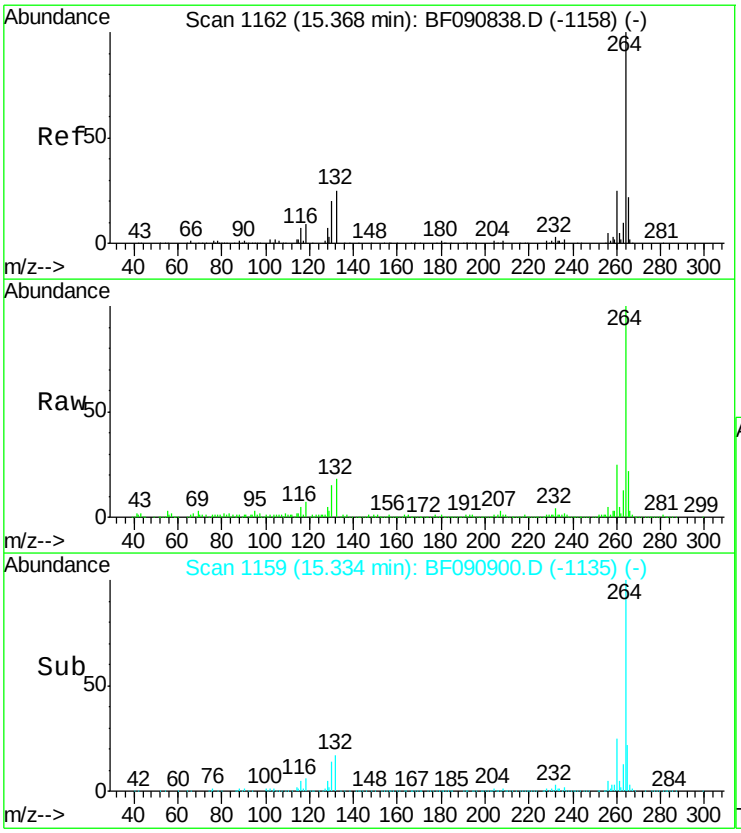
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:276 Resp: 82893

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.7	38.5
277	26.2	15.6	23.4#

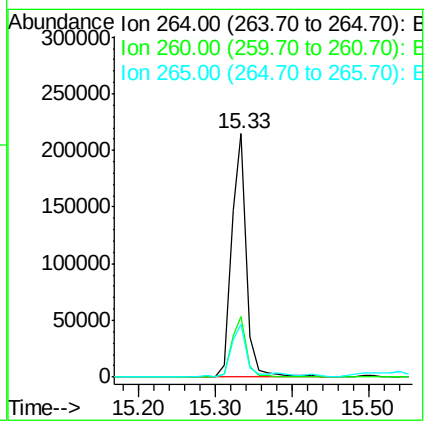


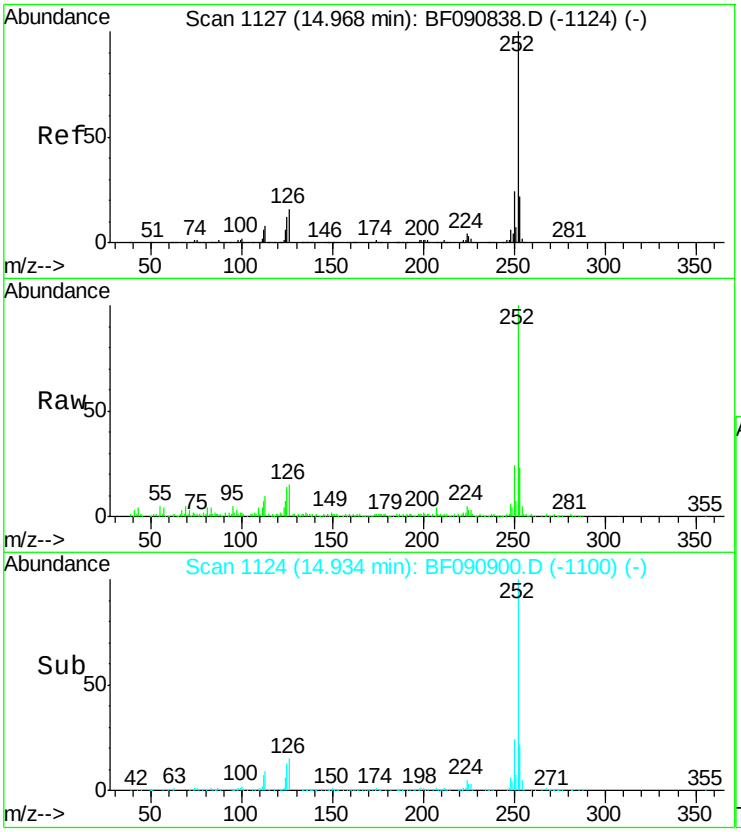


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:264 Resp: 294019

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.8	17.2	25.8



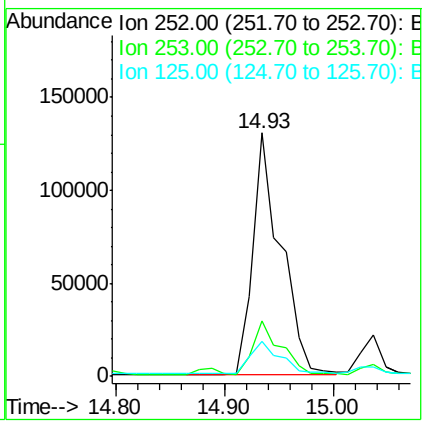


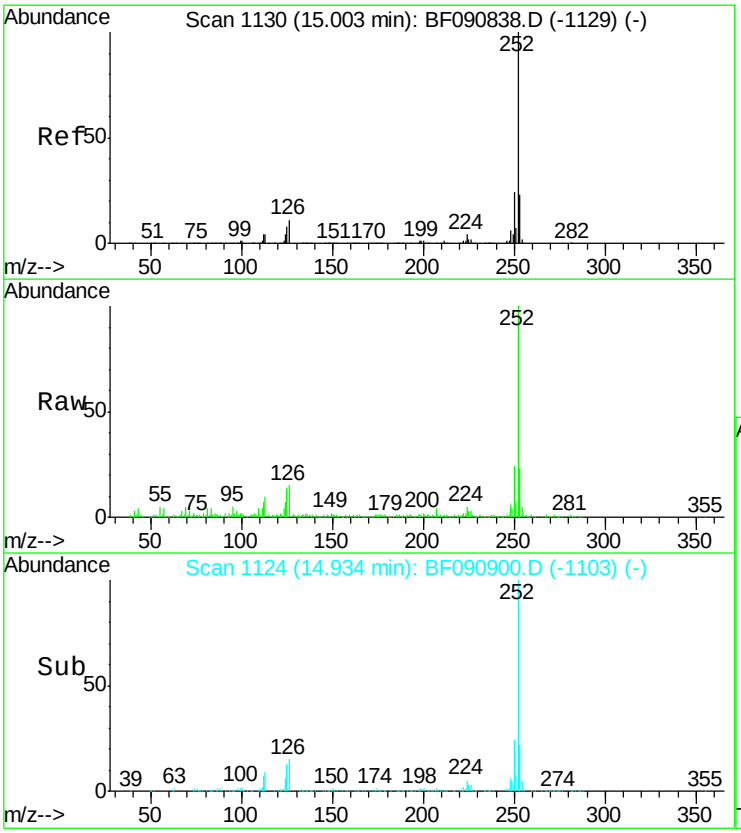
#87
Benzo(b)fluoranthene
Concen: 11.87 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:252 Resp: 234723

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	14.4	17.1	25.7#

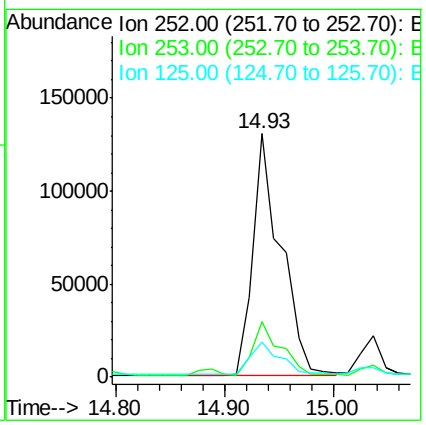


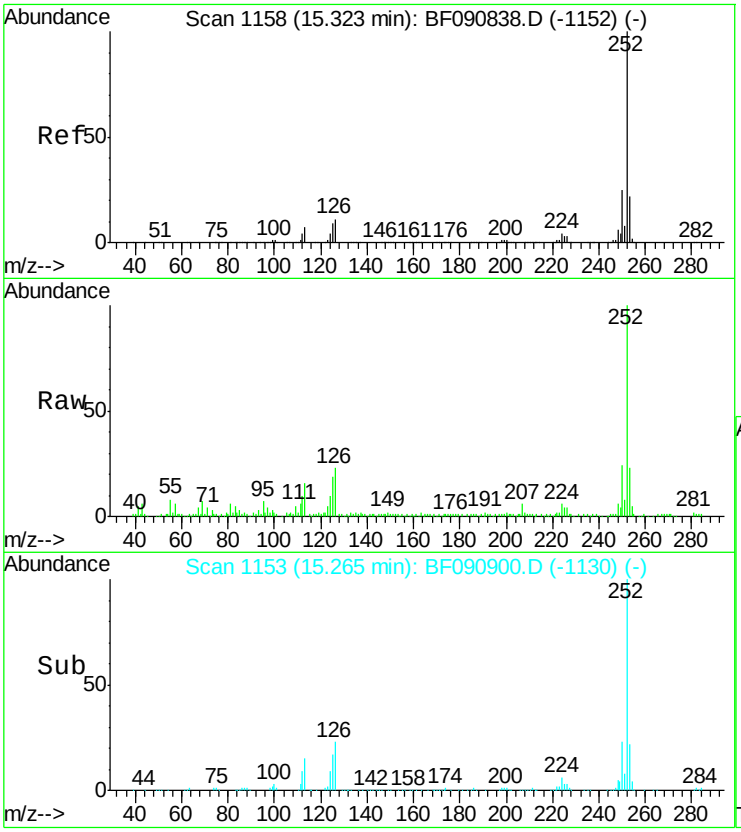


#88
Benzo(k)fluoranthene
Concen: 15.02 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.06 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:252 Resp: 234723

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	14.4	16.0	24.0#



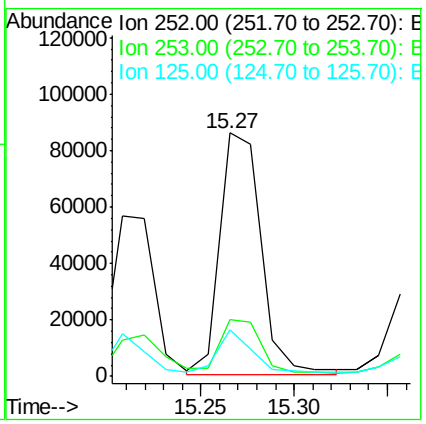


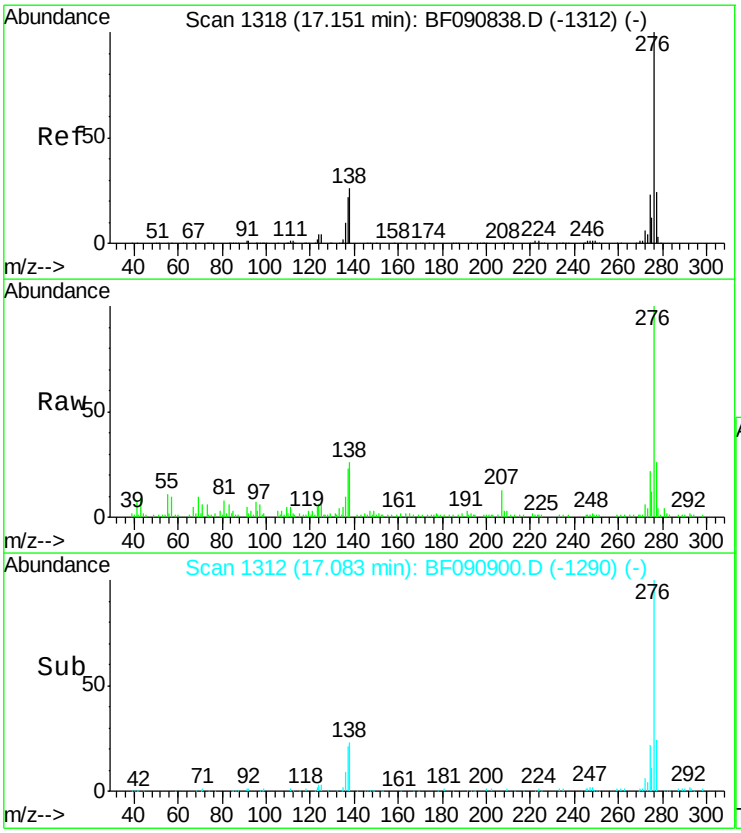
#89
Benzo(a)pyrene
Concen: 7.78 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SB-2COMP(0-16FEET)

Tgt Ion:252 Resp: 132197

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	19.1	18.0	27.0





#91
Benzo(g,h,i)perylene
Concen: 6.23 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BF090900.D
Acq: 28 Oct 2016 10:44

Tgt Ion:276 Resp: 84426

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.8	26.6
138	25.5	34.6	51.8#