Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090901.D
Acq On : 28 Oct 2016 11:11
Operator : UM/SJ
Sample : H5423-05RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3COMP(0-16FEET)

Quant Time: Oct 28 13:23:33 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	151227	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	612326	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	346601	20.00	ng		-0.02
63) Phenanthrene-d10	11.29	188	497592	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	342363	20.00	ng		-0.02
86) Perylene-d12	15.33	264	335111	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1474410	170.46	ng		-0.01
7) Phenol-d6	6.41	99	1726721	147.97	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1286881	137.58	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	430566	120.88	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1669184	84.57	ng		-0.02
78) Terphenyl-d14	12.88	244	1350324	99.37	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.42	94	180221	14.01	ng		74
15) Benzyl Alcohol	6.91	79	20683	2.70	ng	#	32
17) 2-Methylphenol	7.17	107	258973	31.90	ng	#	74
19) n-Nitroso-di-n-propylamine	7.33	70	179033	26.54	ng	#	50
20) 3+4-Methylphenols	7.17	107	266902	28.40	ng		84
25) Isophorone	7.33	82	1208947	63.69	ng	#	59
27) 2,4-Dimethylphenol	7.82	122	42303	4.93	ng	#	1
31) Naphthalene	8.06	128	120002	4.19	ng		98
32) Benzoic acid	7.82	122	43097	6.92	ng	#	38
49) Dimethylphthalate	9.53	163	755733	32.64	ng	#	98
51) Acenaphthene	9.84	154	71515	3.61	ng		89
55) 4-Nitrophenol	10.01	139	14558	4.38	ng	#	34
57) Fluorene	10.35	166	62180	2.97	ng		90
66) 4-Bromophenyl-phenylether	10.59	248	28382	5.21	ng	#	1
70) Phenanthrene	11.31	178	536644	21.18	ng		96
71) Anthracene	11.36	178	150336	5.63	ng		98
72) Carbazole	11.52	167	54518	2.31	ng	#	89
74) Fluoranthene	12.50	202	716397	25.82	ng		96
77) Pyrene	12.73	202	655416	30.25	ng		96
80) Benzo(a)anthracene	13.92	228	301192	16.58	ng		93
82) Chrysene	13.92	228	301192	16.39	ng		95
87) Benzo(b)fluoranthene	14.93	252	416007	18.46	ng	#	92
88) Benzo(k)fluoranthene	14.93	252	416007	23.36	ng	#	93
89) Benzo(a)pyrene	15.28	252	250127	12.92	ng	#	87
90) Dibenzo(a,h)anthracene	16.69	278	39629	2.42	ng	#	81
91) Benzo(g,h,i)perylene	17.08	276	147868	9.58	ng	#	85

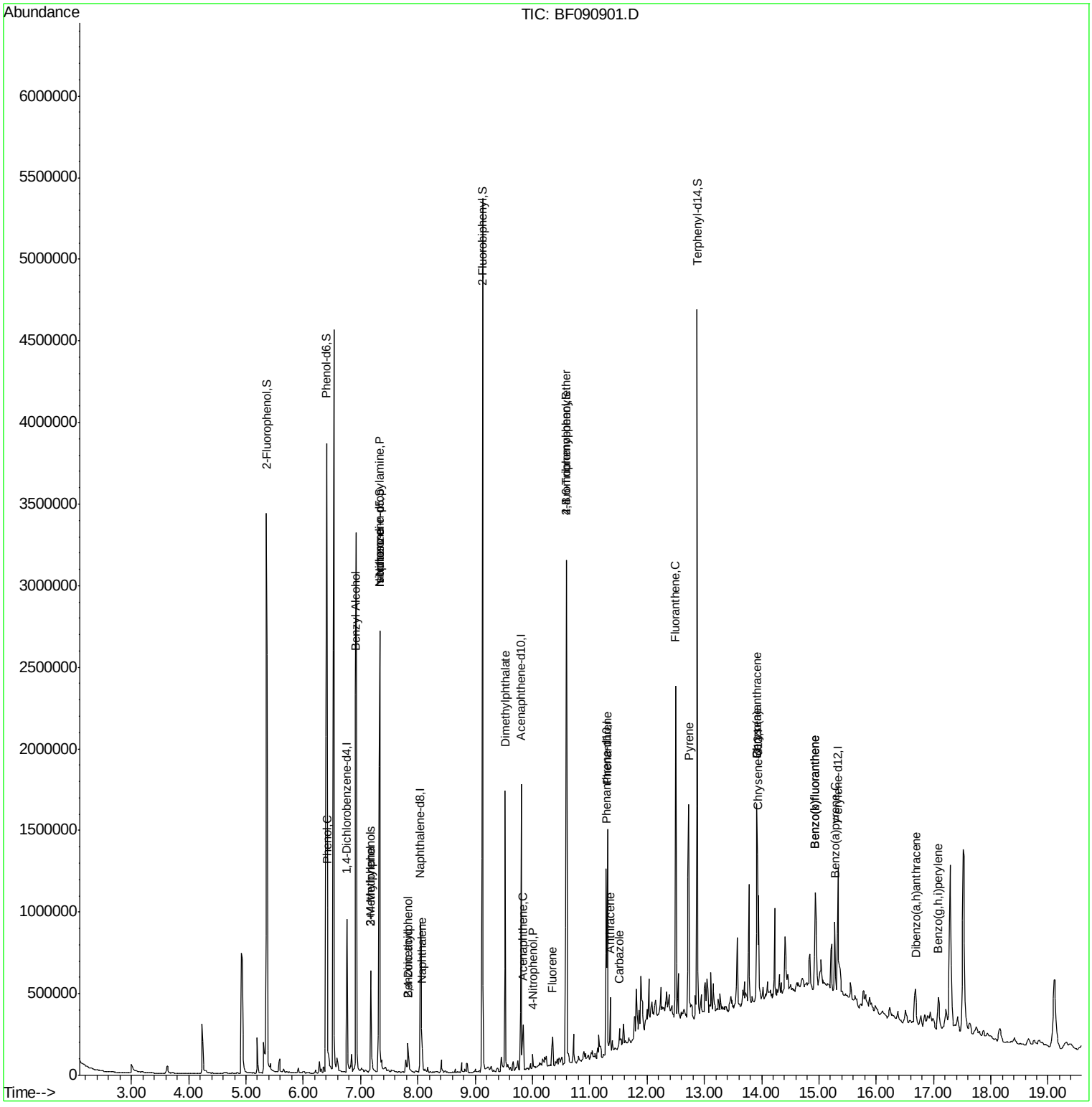
(#) = qualifier out of range (m) = manual integration (+) = signals summed

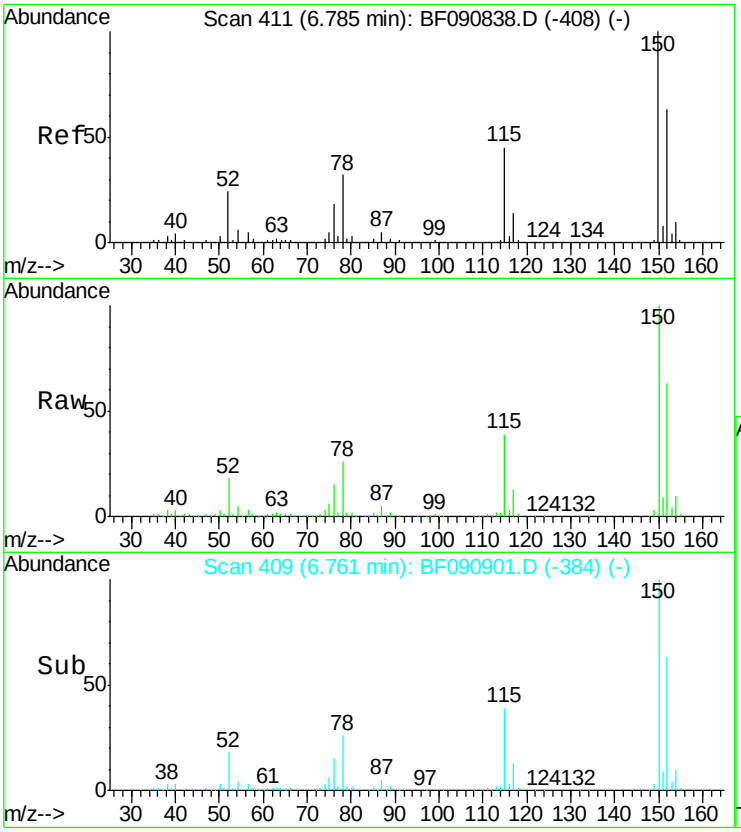
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090901.D
Acq On : 28 Oct 2016 11:11
Operator : UM/SJ
Sample : H5423-05RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Quant Time: Oct 28 13:23:33 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



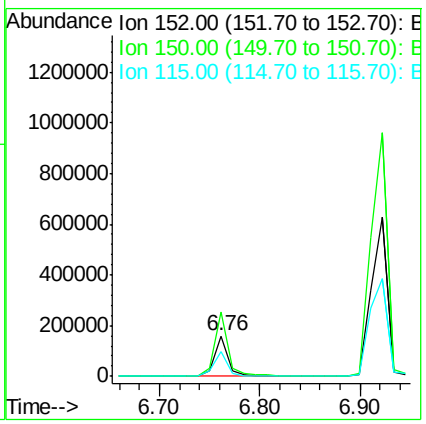


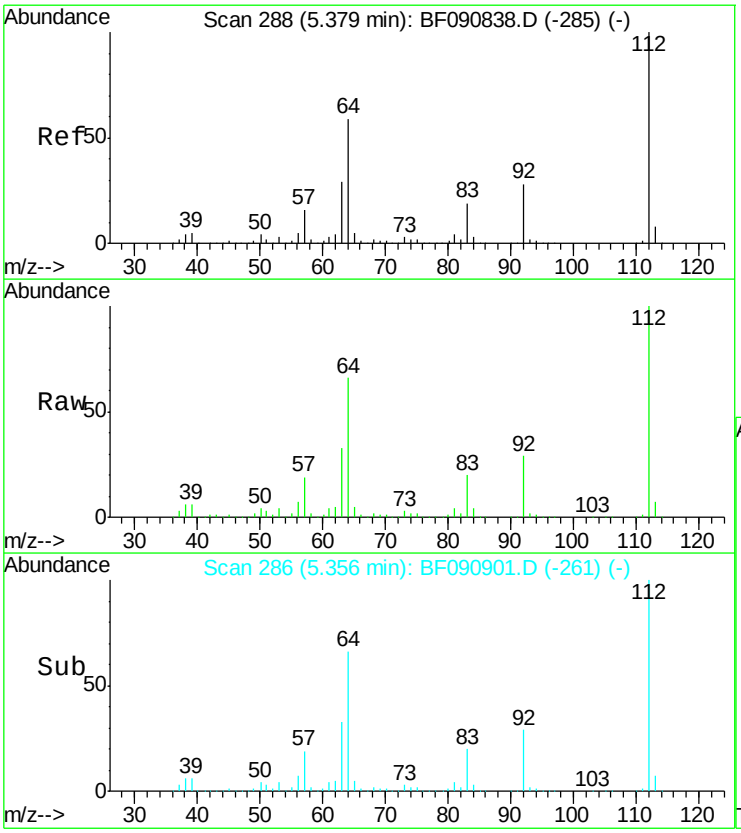
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:152 Resp: 151227

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	62.3	39.0	58.4#

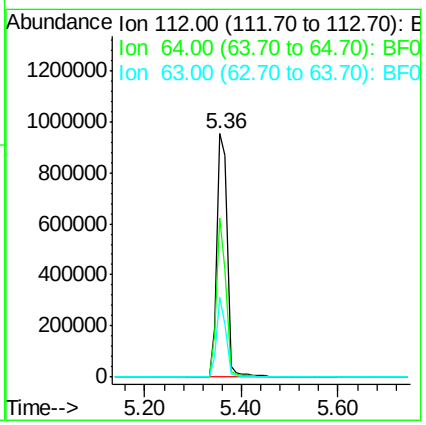


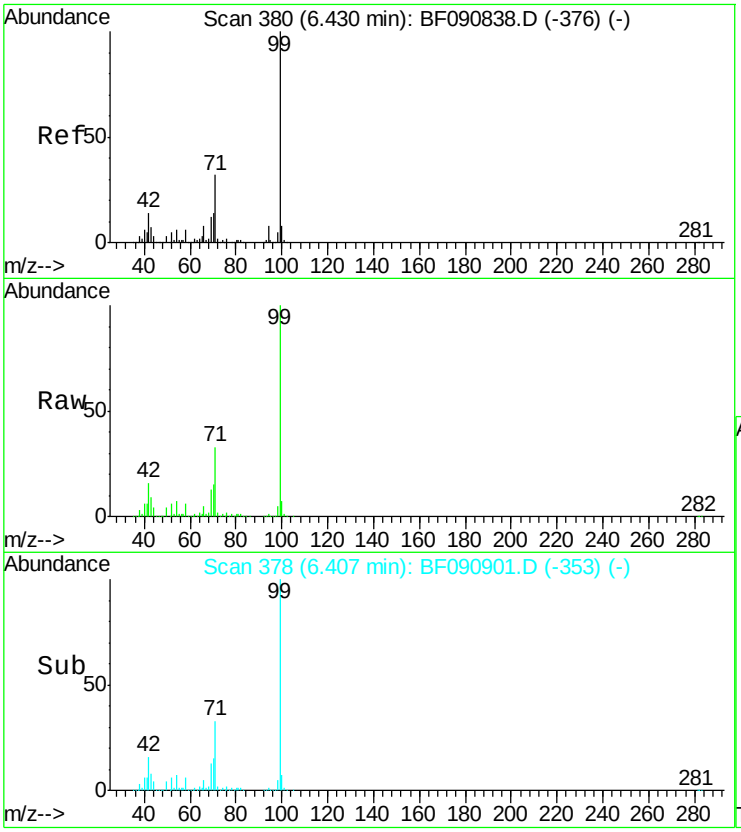


#5
2-Fluorophenol
Concen: 170.46 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:112 Resp: 1474410

Ion	Ratio	Lower	Upper
112	100		
64	65.5	39.7	59.5#
63	32.7	17.4	26.0#



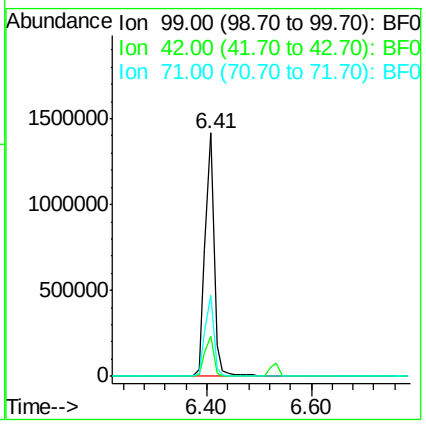


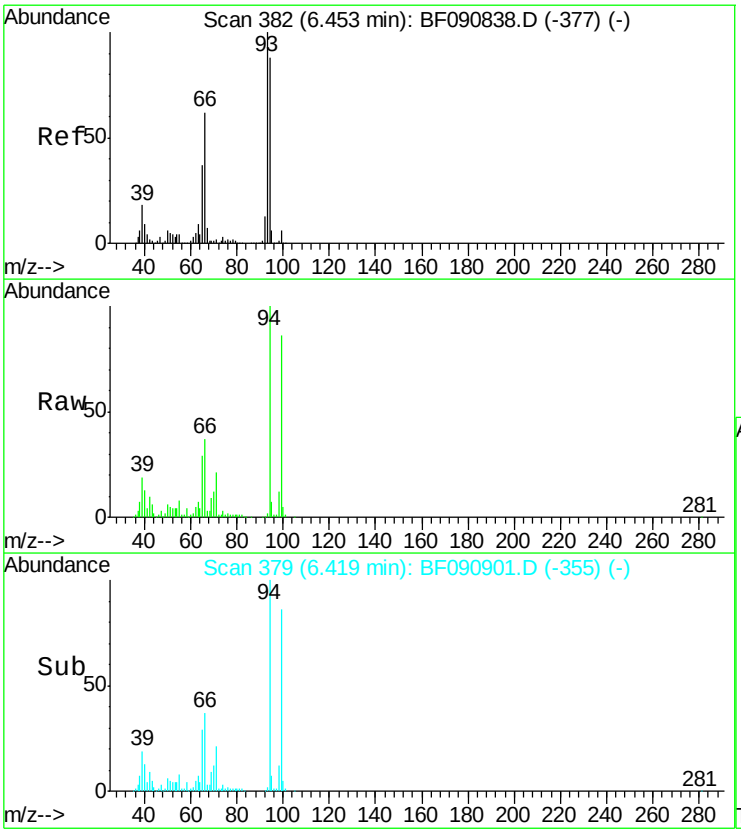
#7
Phenol-d6
Concen: 147.97 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion: 99 Resp: 1726721

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.7	20.5
71	33.5	14.2	21.2#

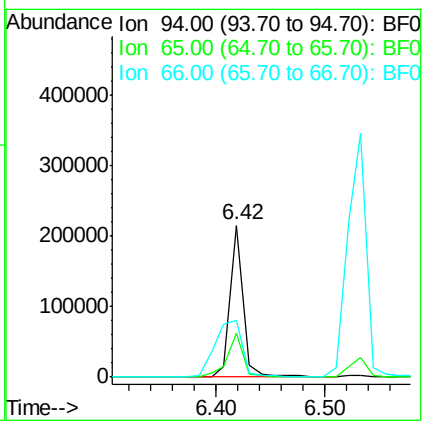


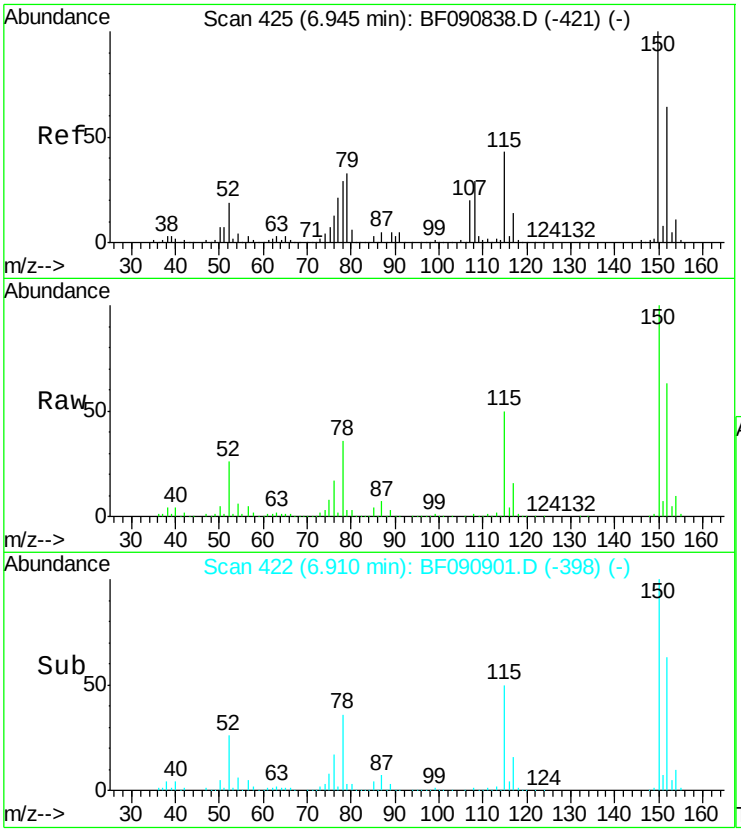


#10
Phenol
Concen: 14.01 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion: 94 Resp: 180221

Ion	Ratio	Lower	Upper
94	100		
65	28.7	0.7	40.7
66	37.4	0.8	40.8



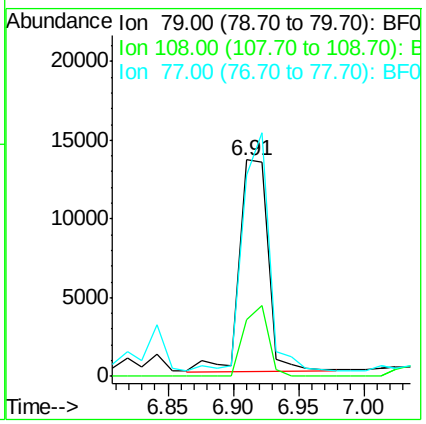


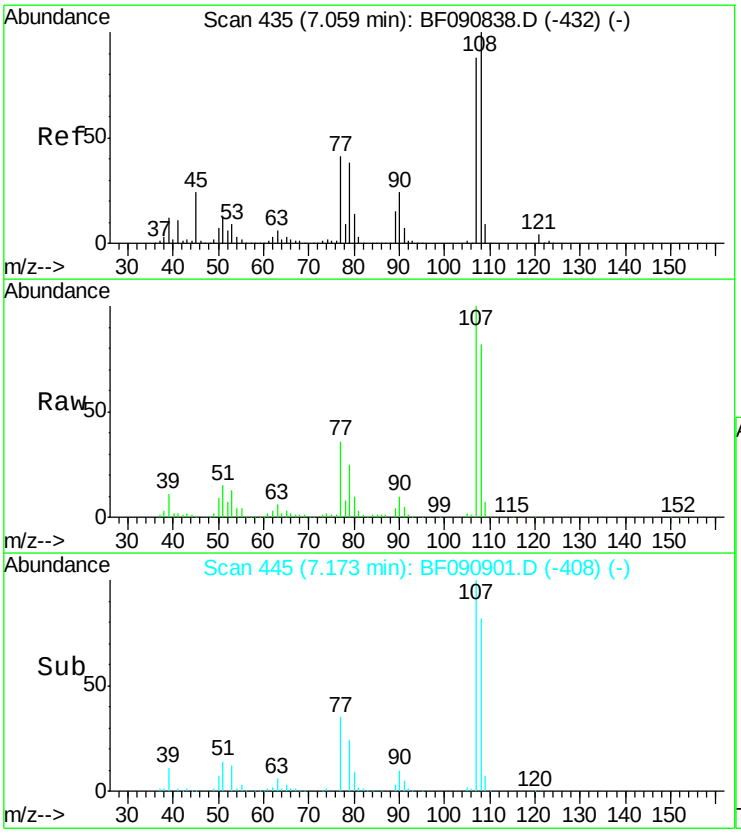
#15
Benzyl Alcohol
Concen: 2.70 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion: 79 Resp: 20683

Ion	Ratio	Lower	Upper
79	100		
108	26.0	88.6	132.8#
77	93.2	47.0	70.4#

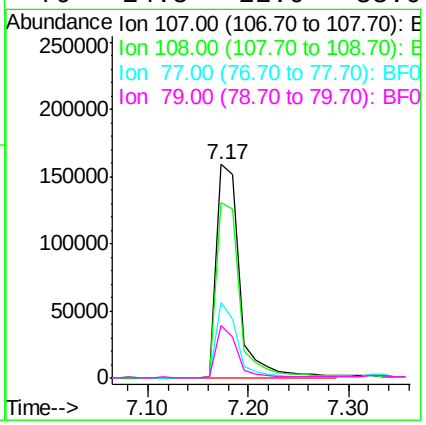


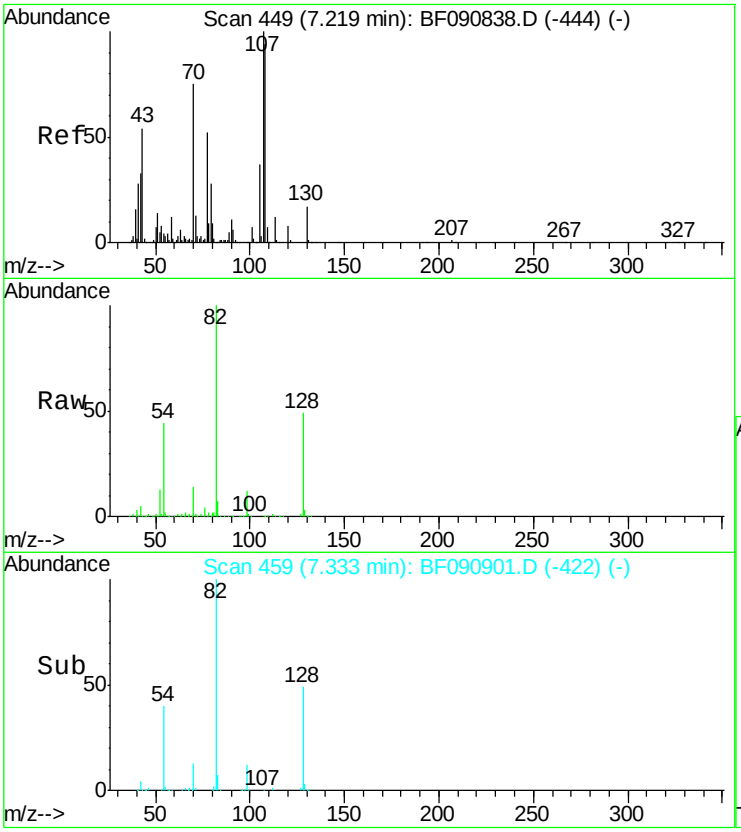


#17
2-Methylphenol
Concen: 31.90 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.13 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:107 Resp: 258973

Ion	Ratio	Lower	Upper
107	100		
108	82.3	96.6	145.0#
77	35.7	23.3	34.9#
79	24.5	22.0	33.0



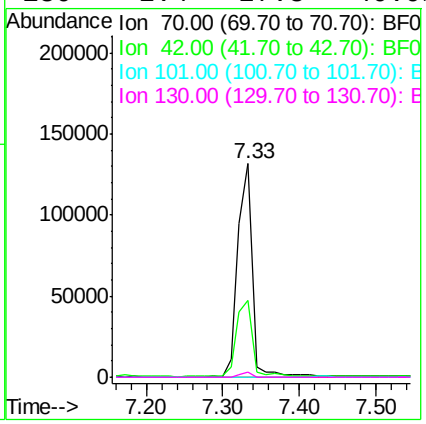


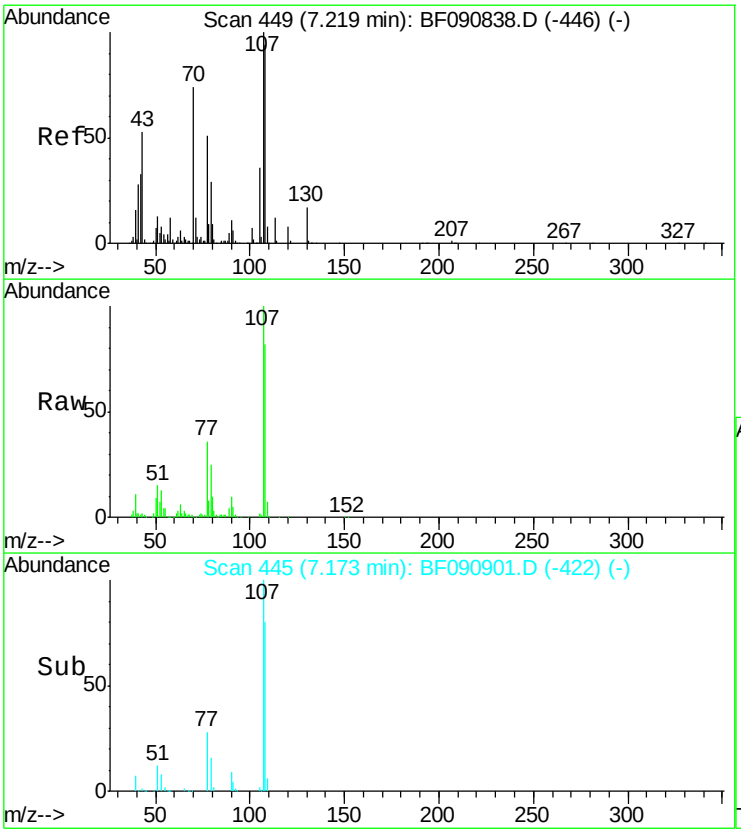
#19
n-Nitroso-di-n-propylamine
Concen: 26.54 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion: 70 Resp: 179033

Ion	Ratio	Lower	Upper
70	100		
42	35.7	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#

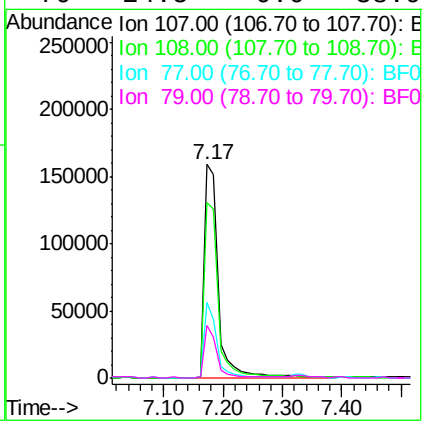


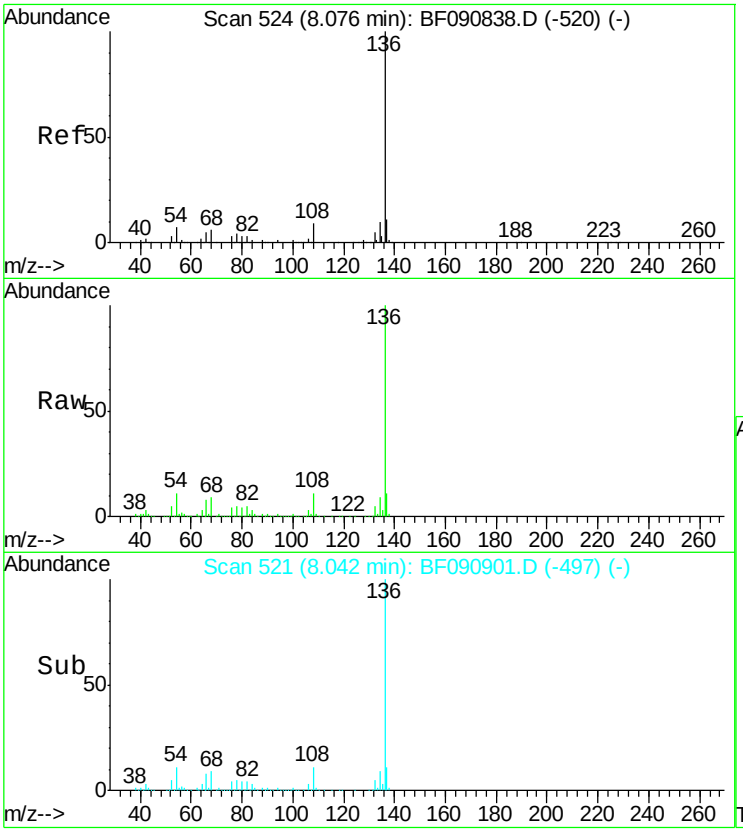


#20
3+4-Methylphenols
Concen: 28.40 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:107 Resp: 266902

Ion	Ratio	Lower	Upper
107	100		
108	82.3	74.6	114.6
77	35.7	0.7	40.7
79	24.5	0.0	38.9



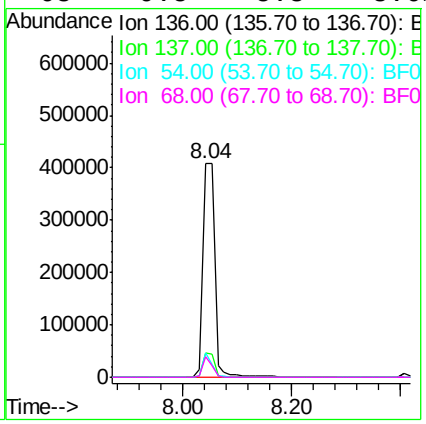


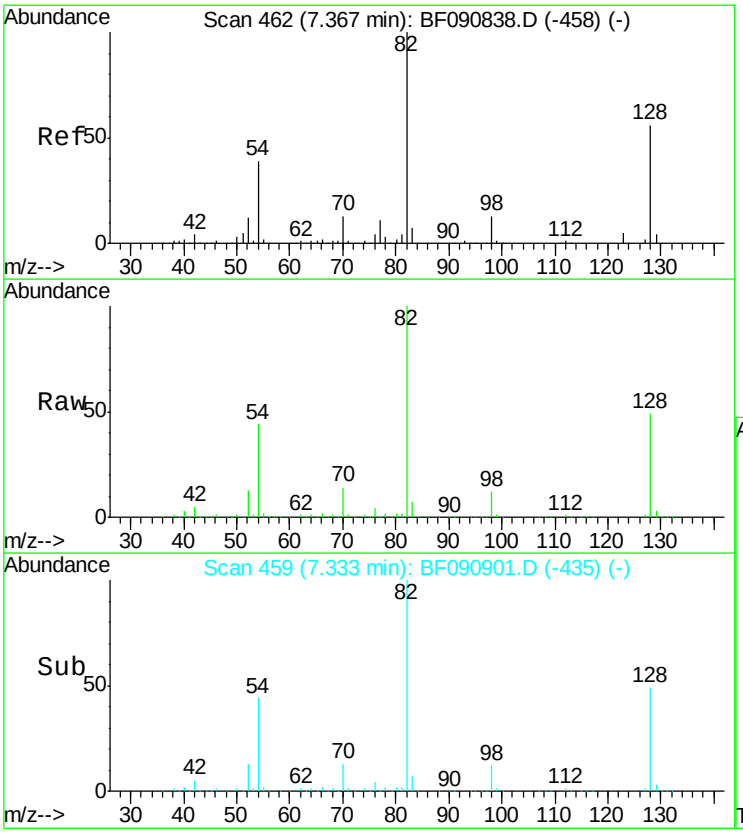
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:136 Resp: 612326

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.4	8.2	12.2
68	9.5	5.8	8.6#

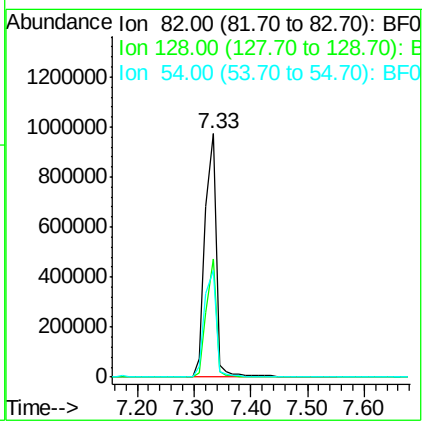


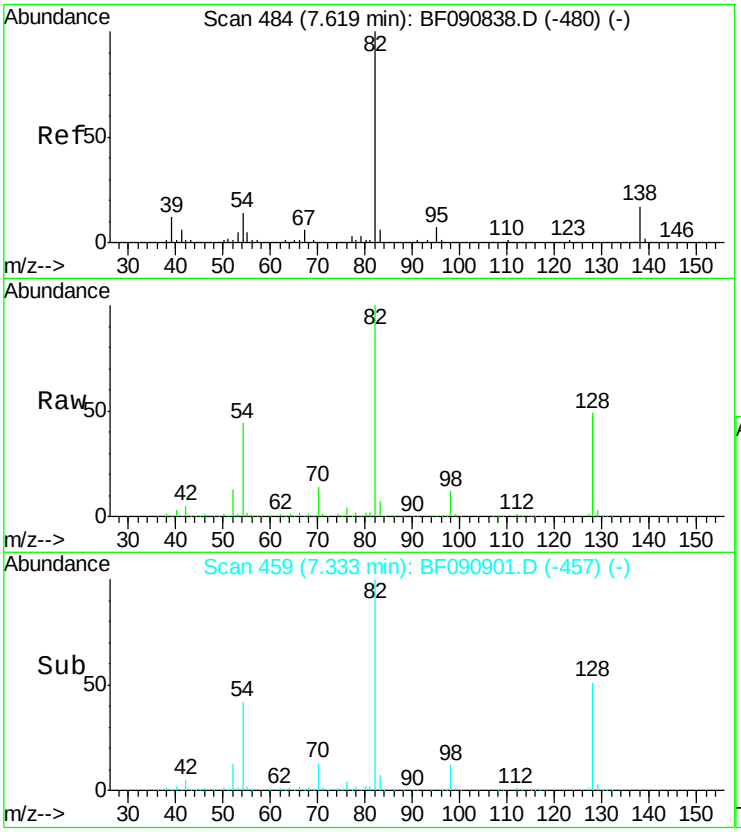


#23
Nitrobenzene-d5
Concen: 137.58 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion: 82 Resp: 1286881

Ion	Ratio	Lower	Upper
82	100		
128	48.7	51.0	76.6#
54	43.6	47.5	71.3#



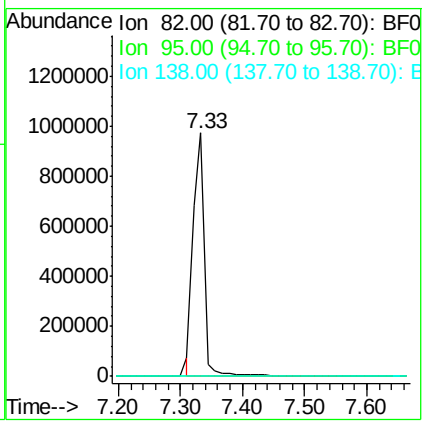


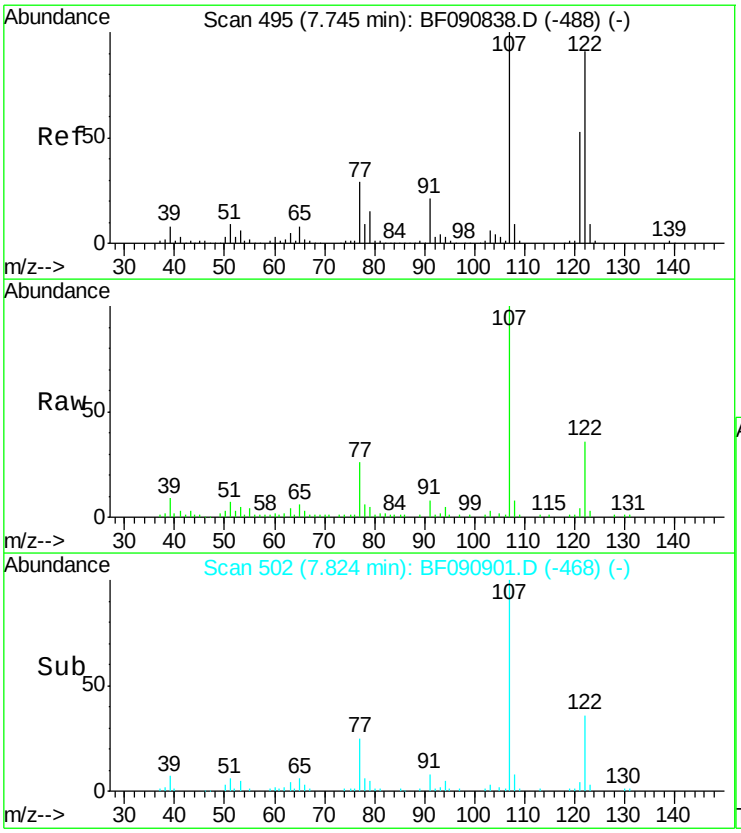
#25
Isophorone
Concen: 63.69 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion: 82 Resp: 1208947

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

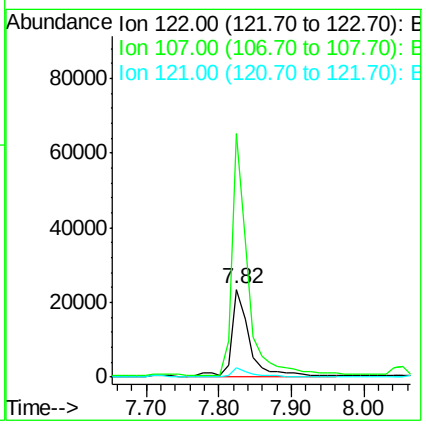


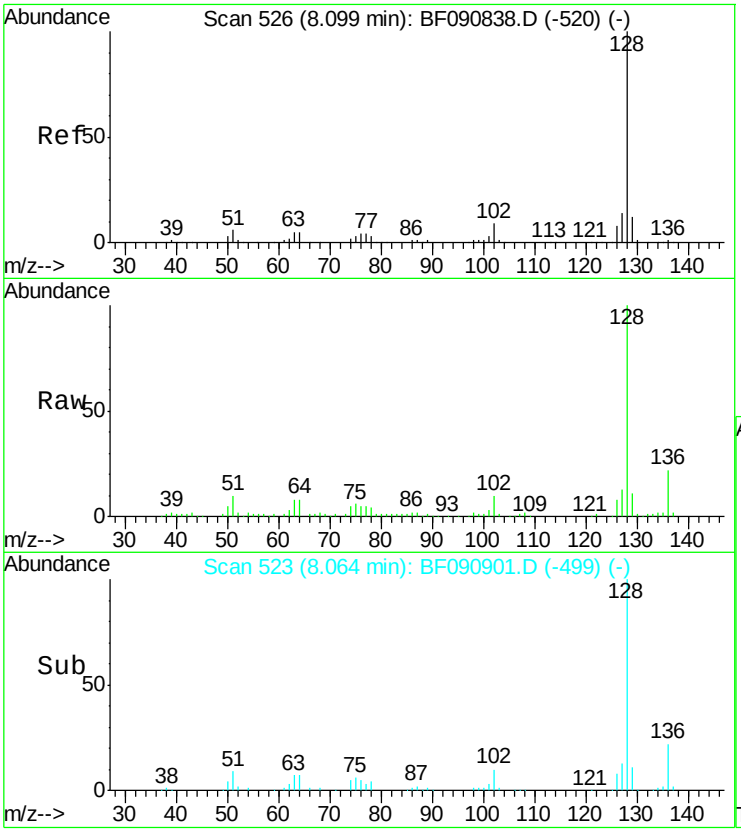


#27
2,4-Dimethylphenol
Concen: 4.93 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.09 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:122 Resp: 42303

Ion	Ratio	Lower	Upper
122	100		
107	277.9	71.8	107.6#
121	10.6	42.3	63.5#



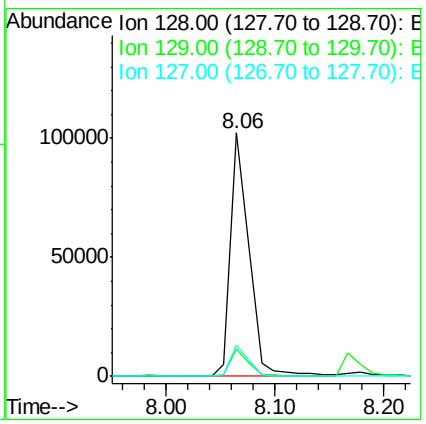


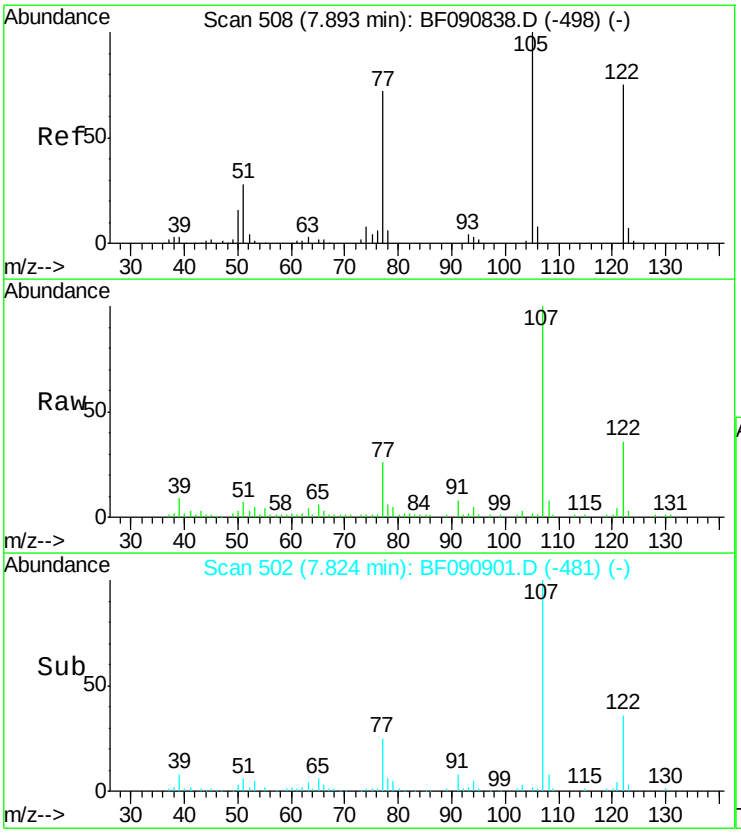
#31
Naphthalene
Concen: 4.19 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:128 Resp: 120002

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.0	9.9	14.9

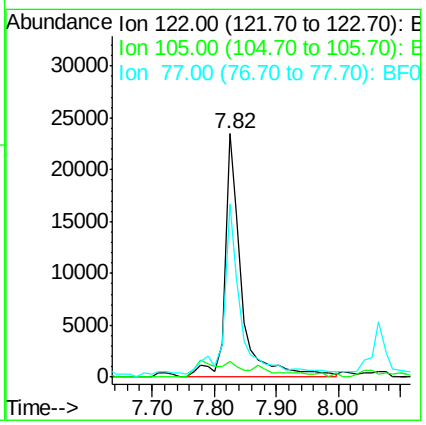


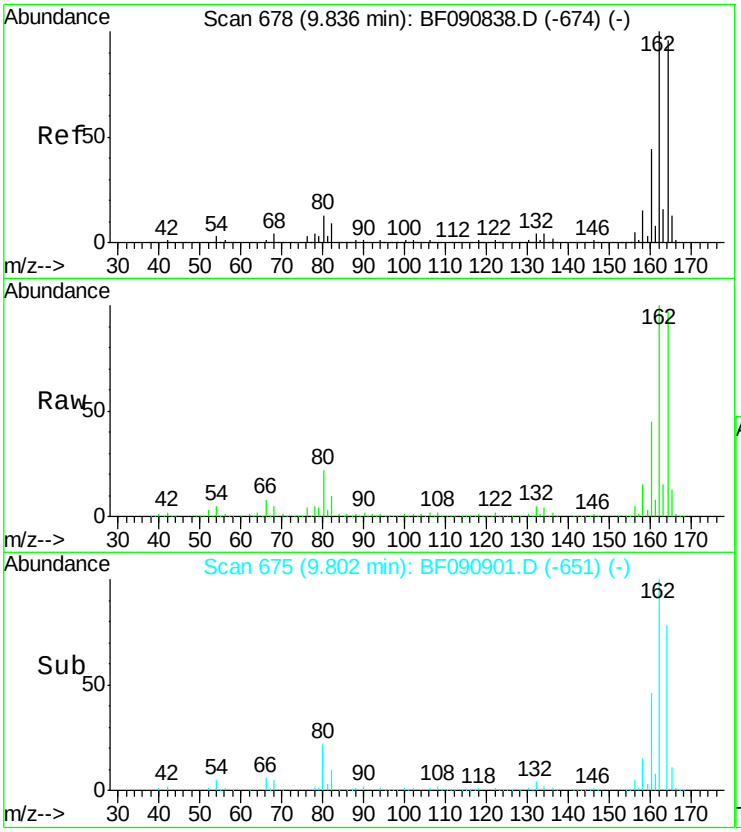


#32
Benzoic acid
Concen: 6.92 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.06 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:122 Resp: 43097

Ion	Ratio	Lower	Upper
122	100		
105	6.7	76.1	116.1#
77	71.1	40.5	80.5



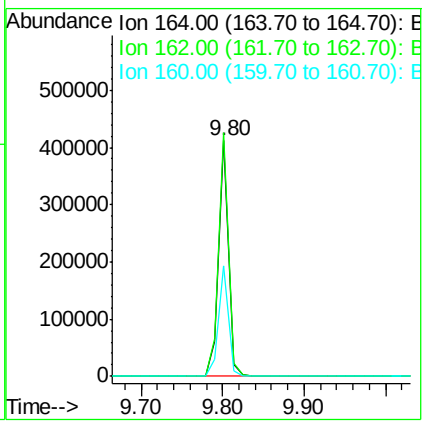


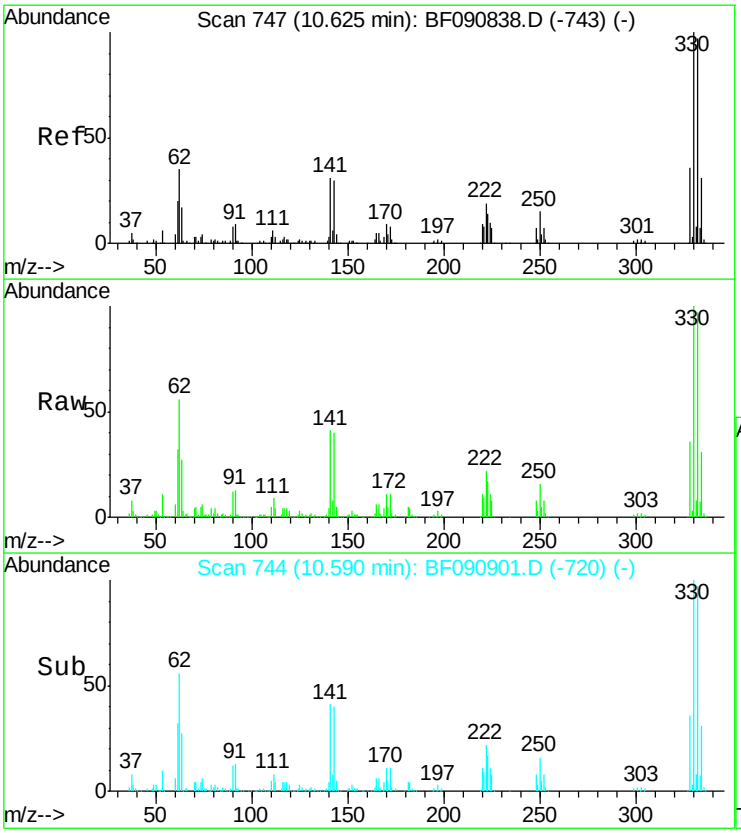
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:164 Resp: 346601

Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	46.9	31.5	47.3

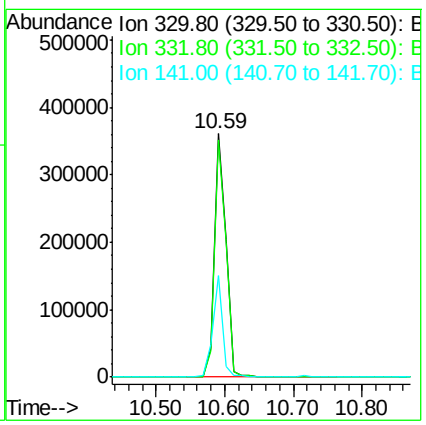


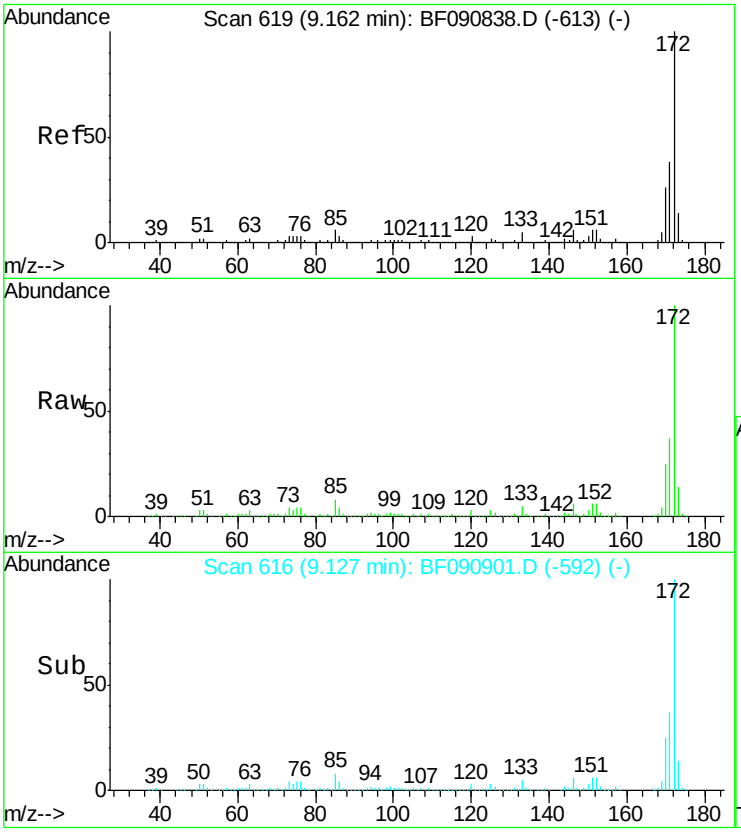


#41
2,4,6-Tribromophenol
Concen: 120.88 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:330 Resp: 430566

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	36.0	29.7	44.5



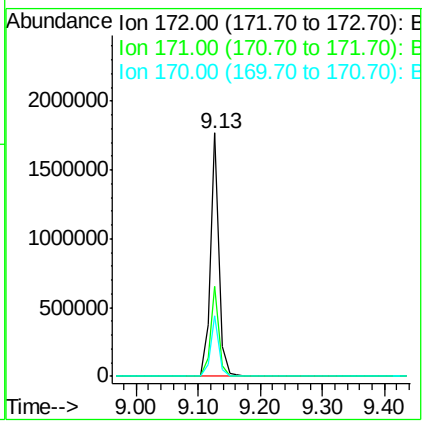


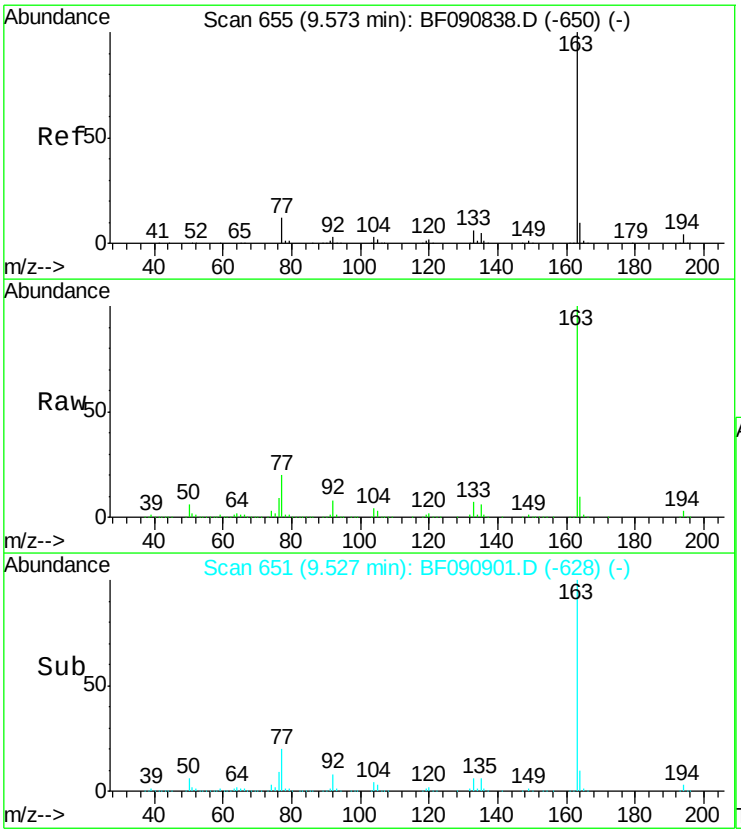
#44
2-Fluorobiphenyl
Concen: 84.57 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:172 Resp: 1669184

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.0	17.4	26.2

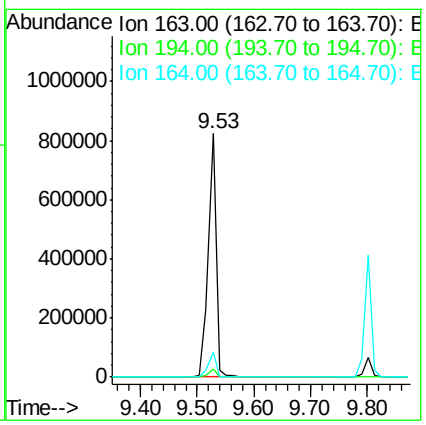


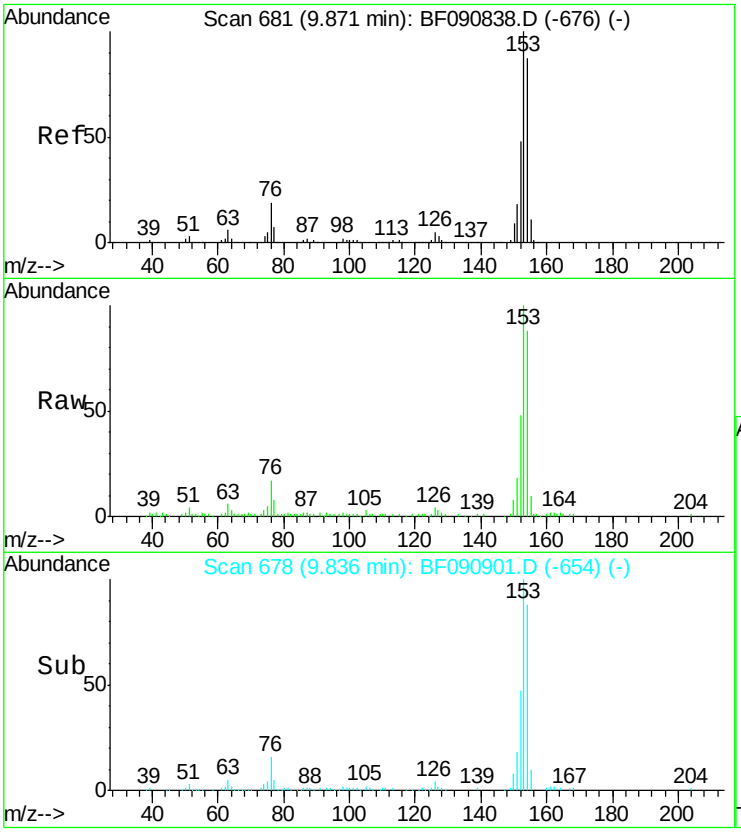


#49
Dimethylphthalate
Concen: 32.64 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:163 Resp: 755733

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.2	8.3	12.5



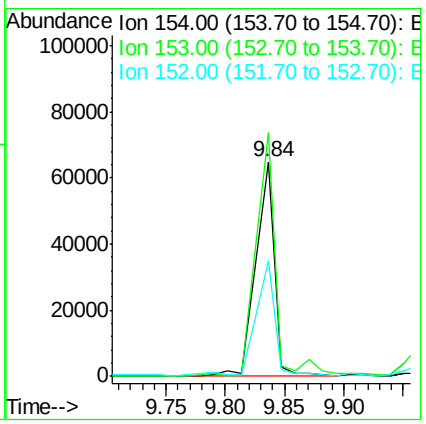


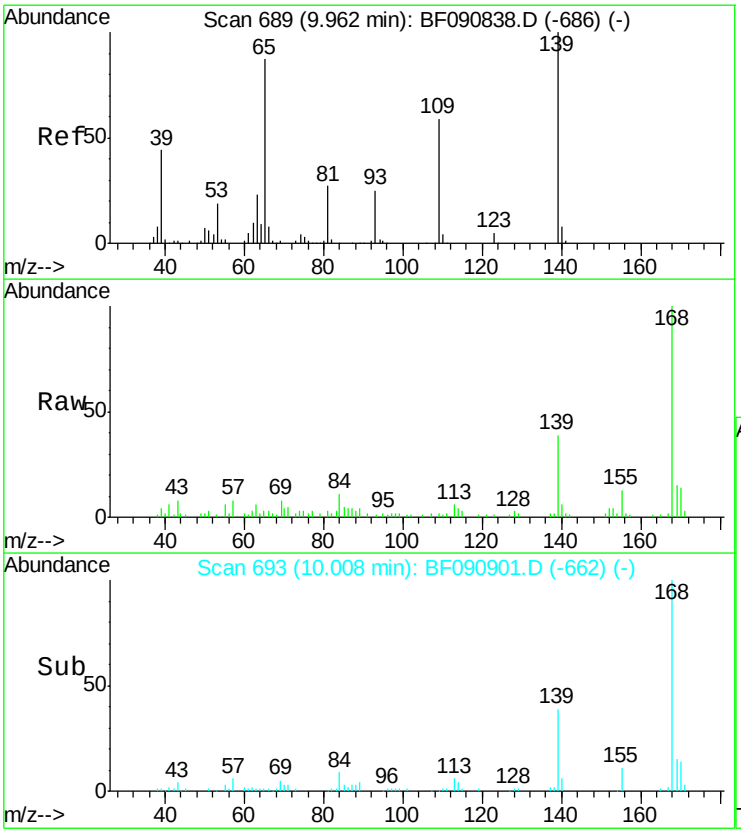
#51
Acenaphthene
Concen: 3.61 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:154 Resp: 71515

Ion	Ratio	Lower	Upper
154	100		
153	113.6	82.1	123.1
152	54.2	37.9	56.9

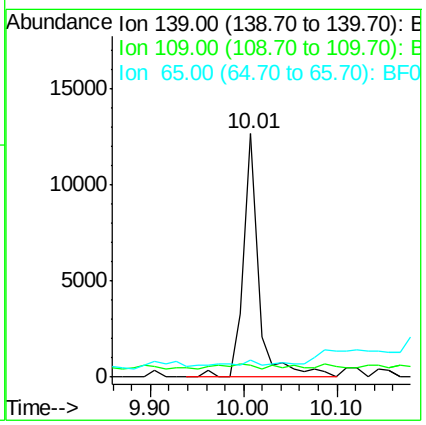


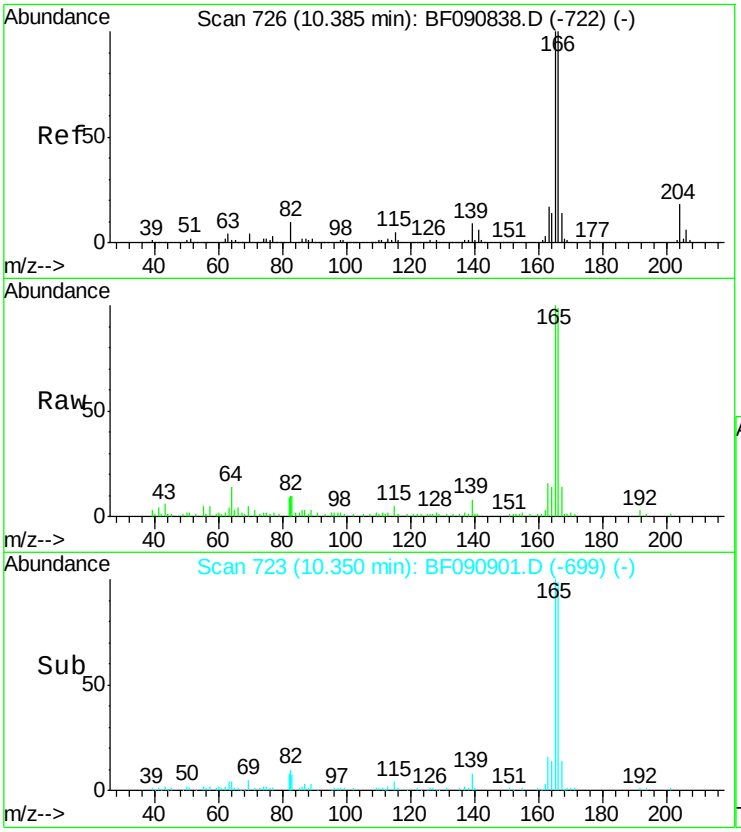


#55
4-Nitrophenol
Concen: 4.38 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.06 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:139 Resp: 14558

Ion	Ratio	Lower	Upper
139	100		
109	4.8	12.7	52.7#
65	7.1	45.9	85.9#



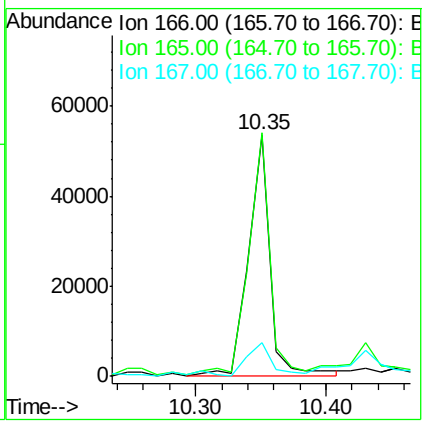


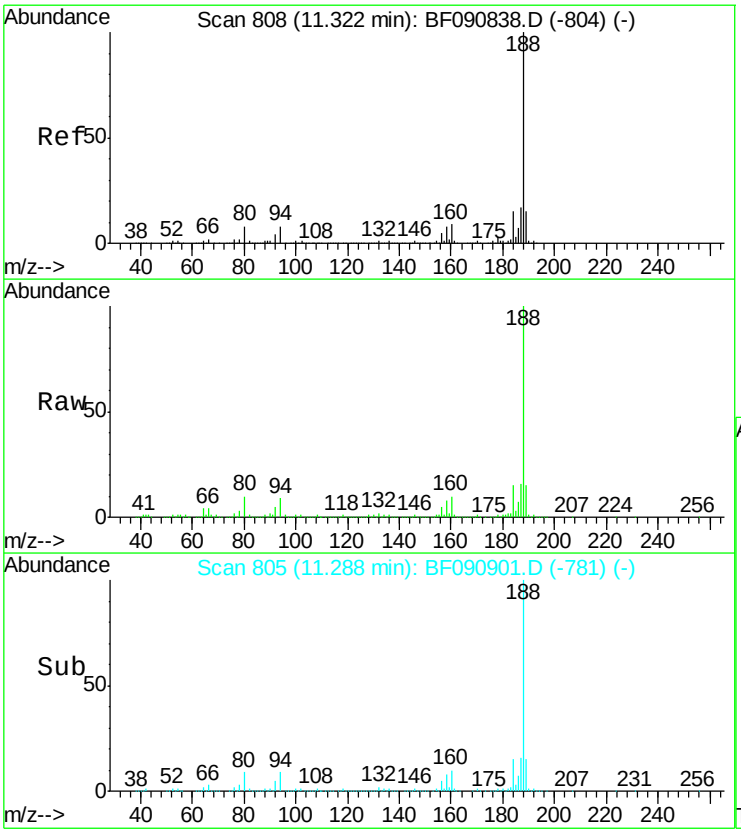
#57
Fluorene
Concen: 2.97 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:166 Resp: 62180

Ion	Ratio	Lower	Upper
166	100		
165	100.9	72.6	109.0
167	14.1	10.6	16.0

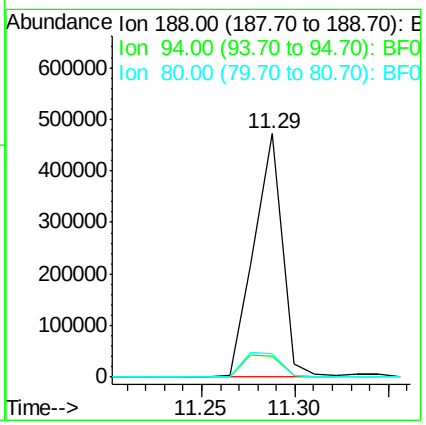


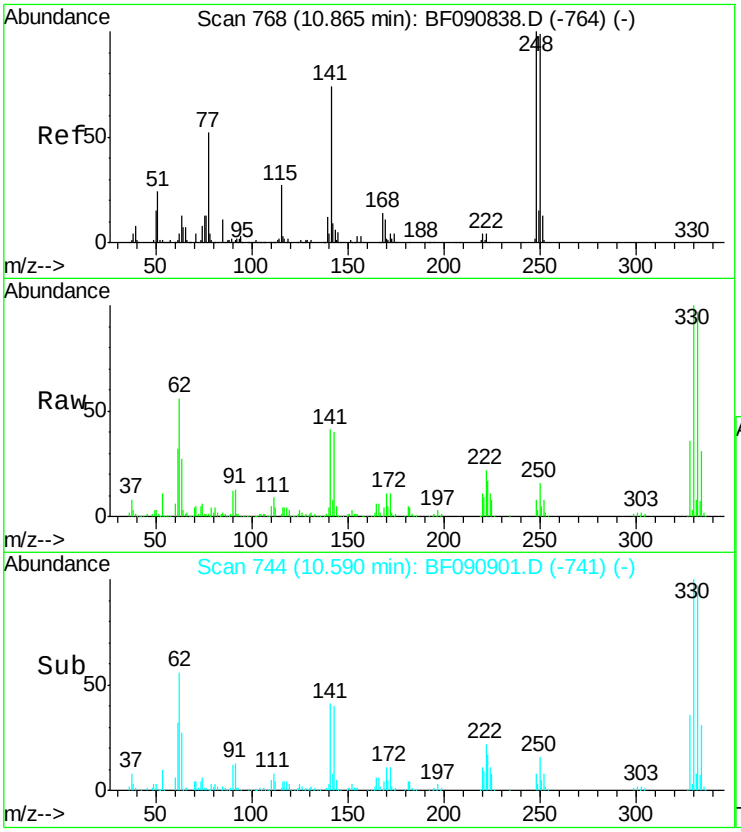


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:188 Resp: 497592

Ion	Ratio	Lower	Upper
188	100		
94	8.8	11.1	16.7#
80	9.6	11.0	16.4#



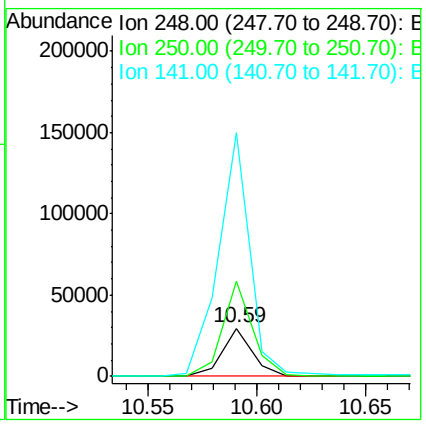


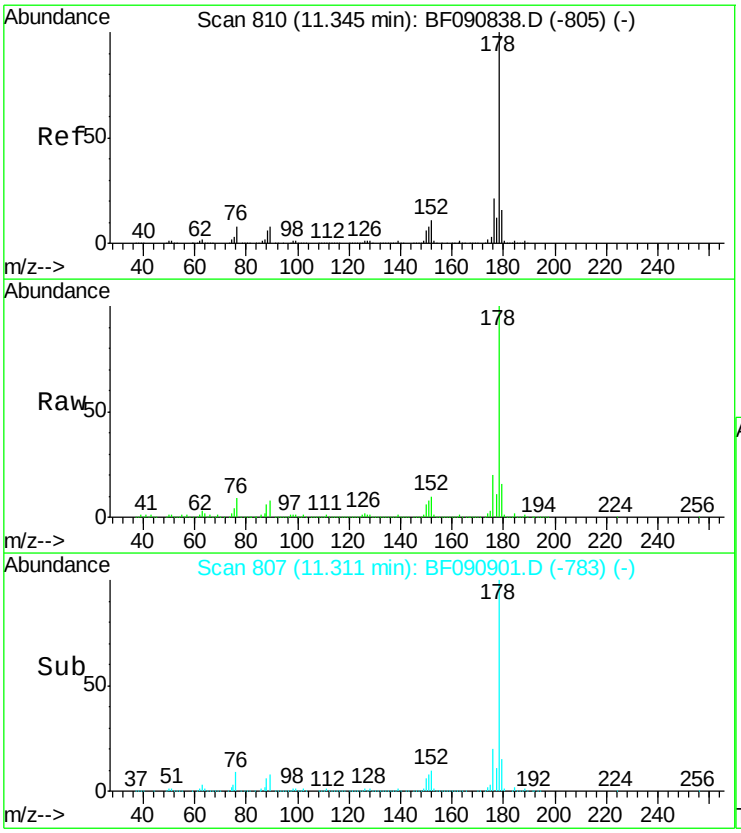
#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:248 Resp: 28382

Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.5	117.7#
141	505.3	59.0	88.6#

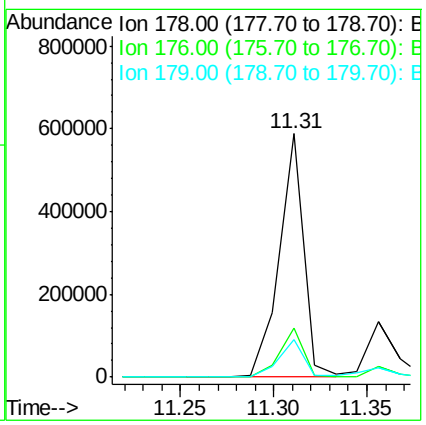


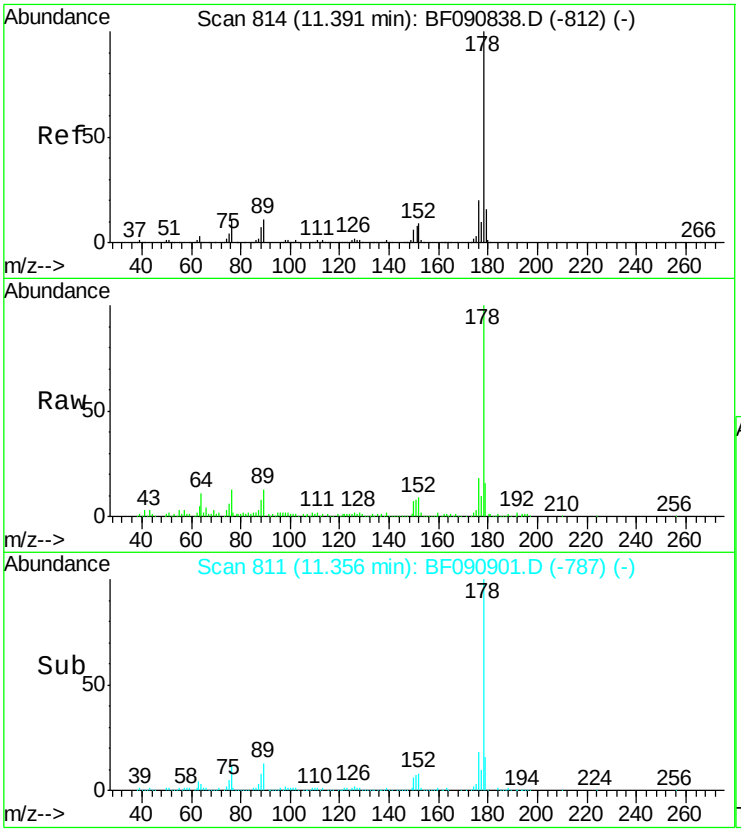


#70
Phenanthrene
Concen: 21.18 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:178 Resp: 536644

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.6	12.2	18.2



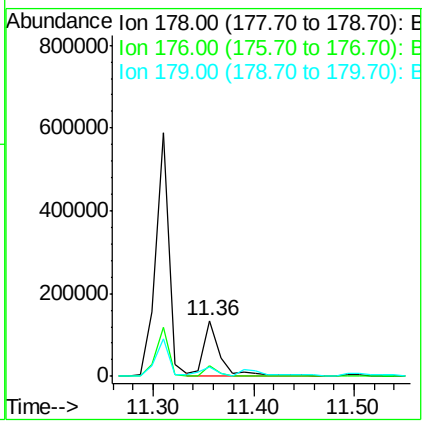


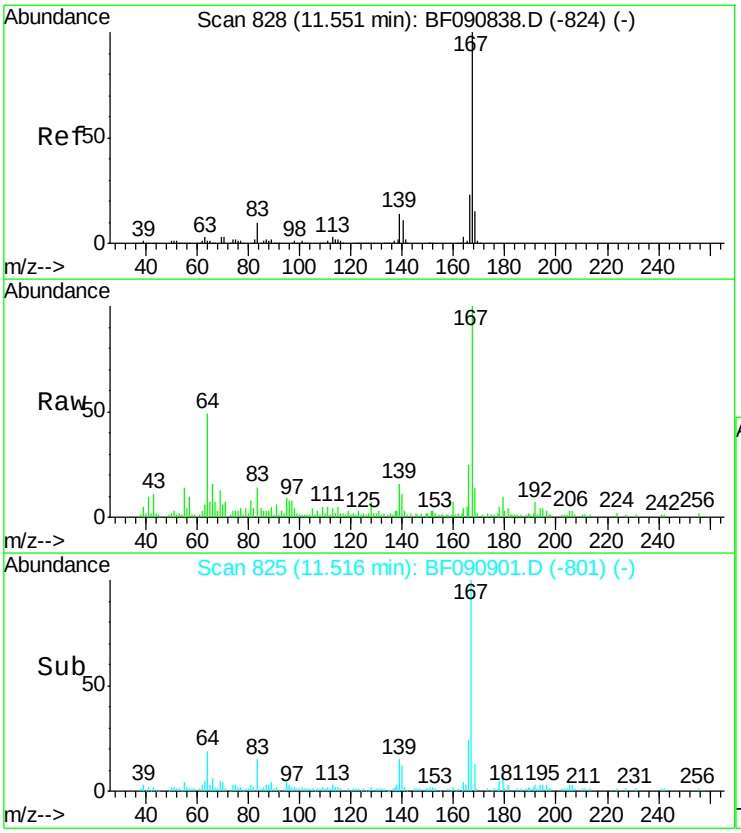
#71
Anthracene
Concen: 5.63 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:178 Resp: 150336

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.1	21.1
179	16.3	12.2	18.2

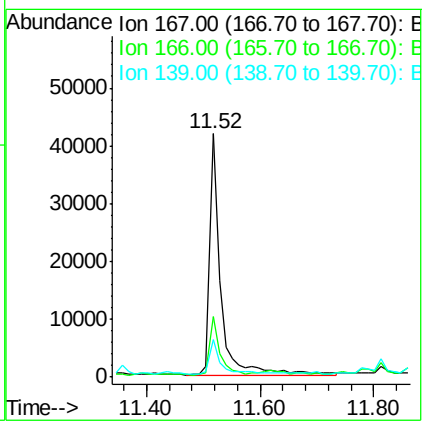


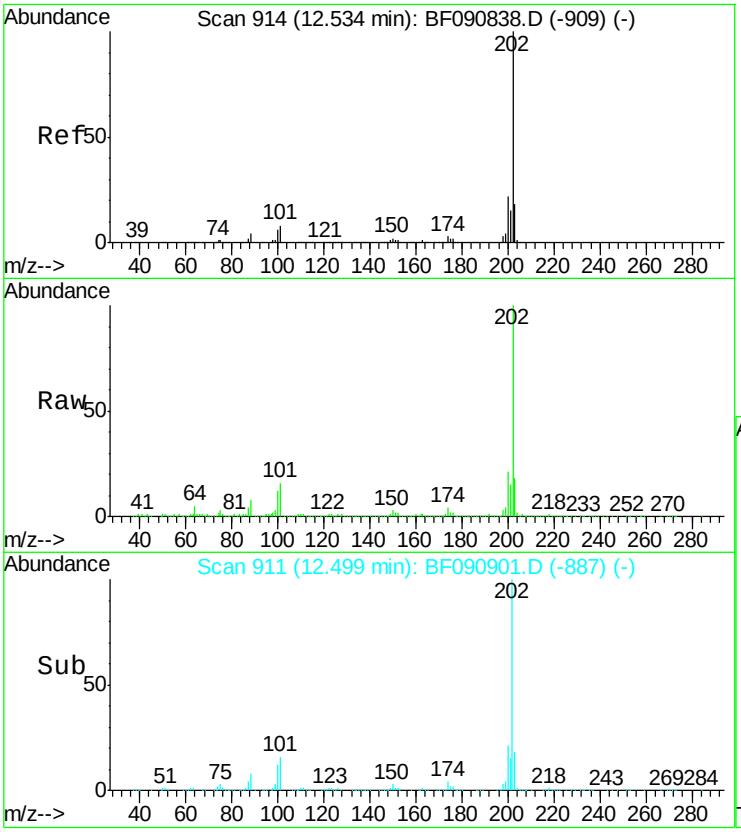


#72
Carbazole
Concen: 2.31 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:167 Resp: 54518

Ion	Ratio	Lower	Upper
167	100		
166	24.7	15.7	23.5#
139	15.6	9.5	14.3#



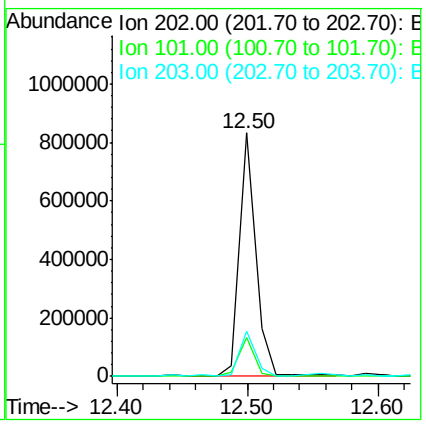


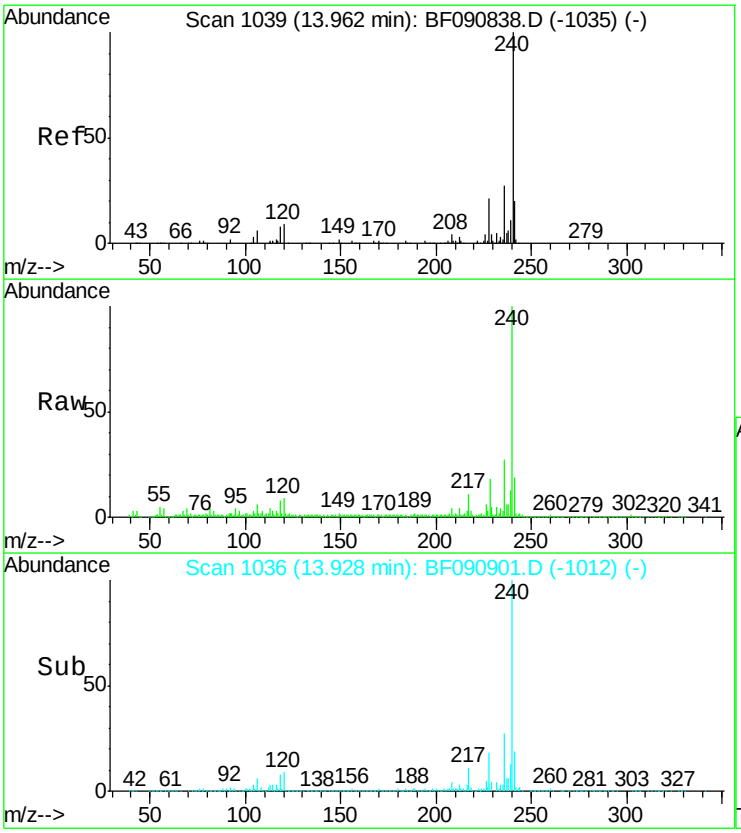
#74
Fluoranthene
Concen: 25.82 ng
RT: 12.50 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:202 Resp: 716397

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	38.3
203	18.4	0.0	37.3

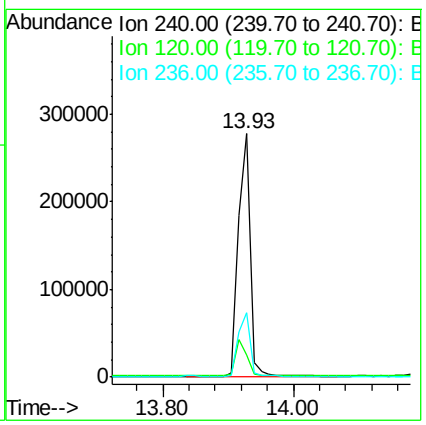


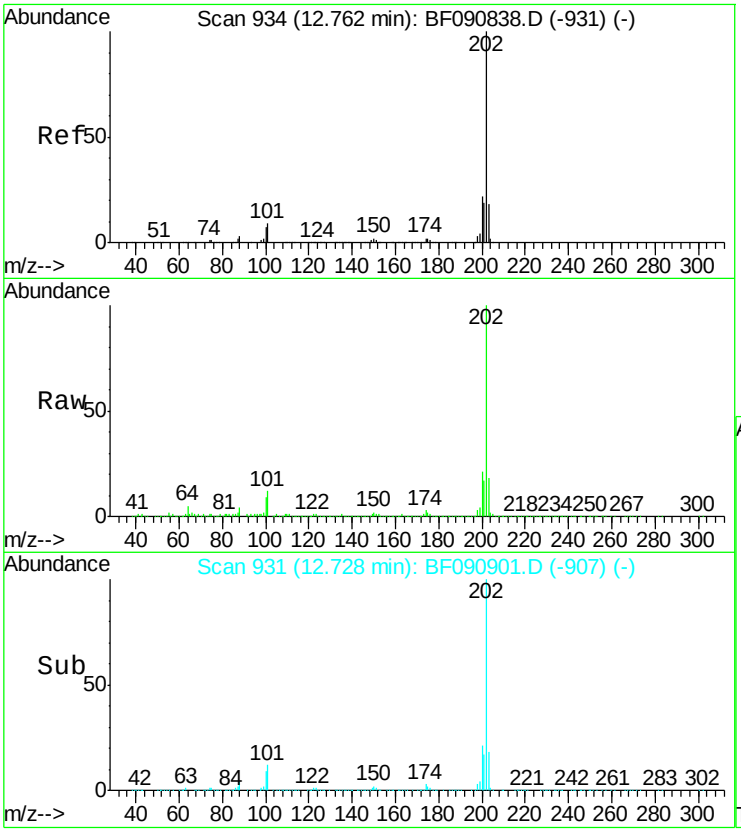


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:240 Resp: 342363

Ion	Ratio	Lower	Upper
240	100		
120	9.0	16.2	24.2#
236	26.7	18.4	27.6



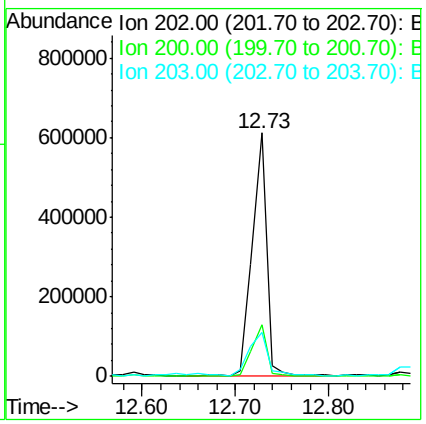


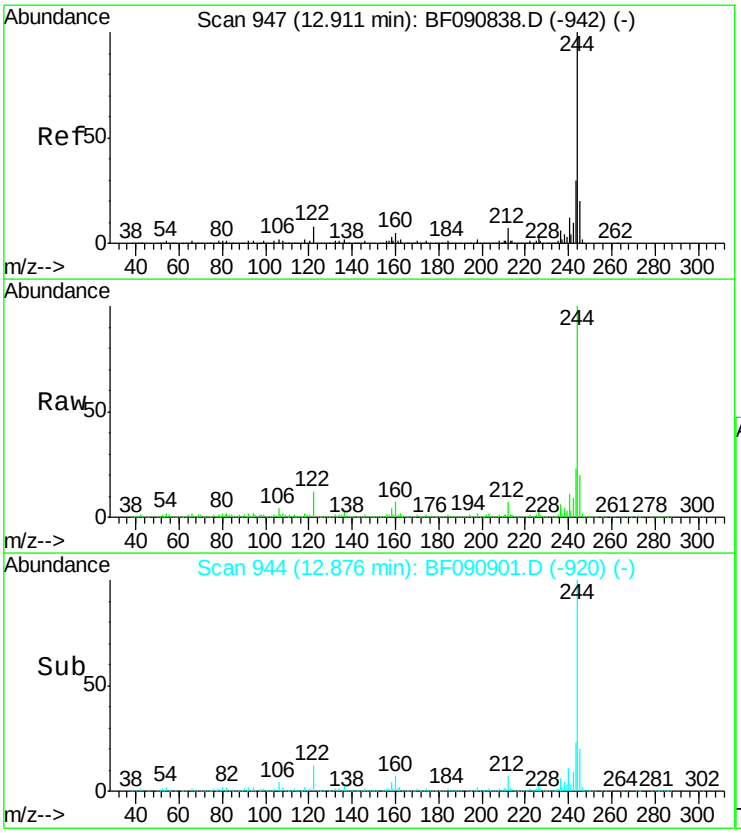
#77
Pyrene
Concen: 30.25 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:202 Resp: 655416

Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.0	22.4
203	18.2	14.1	21.1

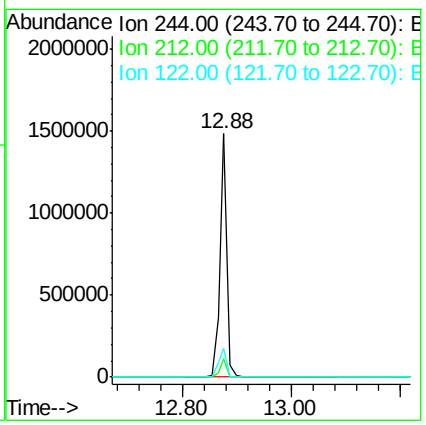


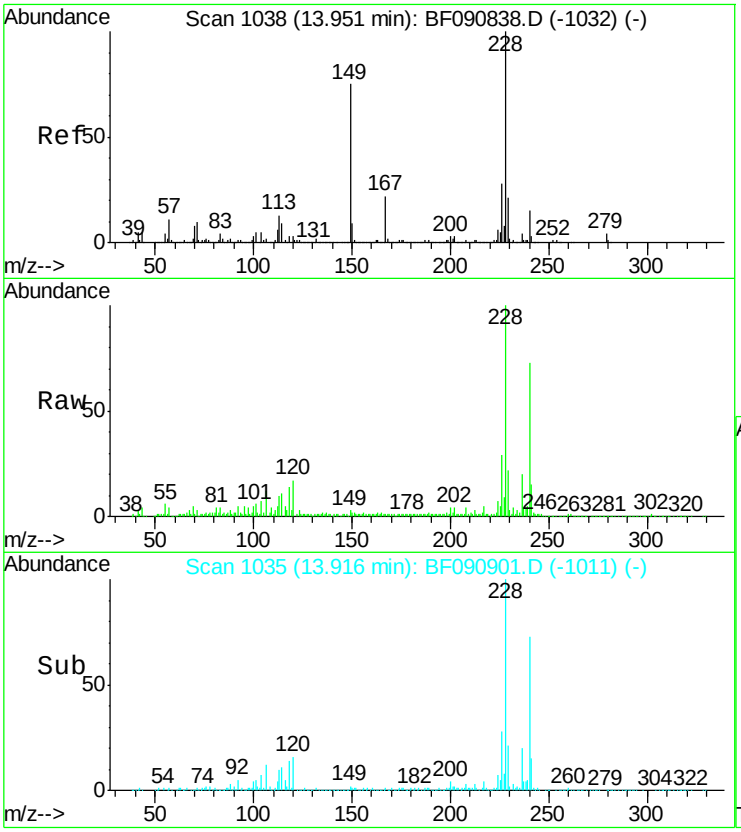


#78
Terphenyl-d14
Concen: 99.37 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:244 Resp: 1350324

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	11.6	17.4	26.2#



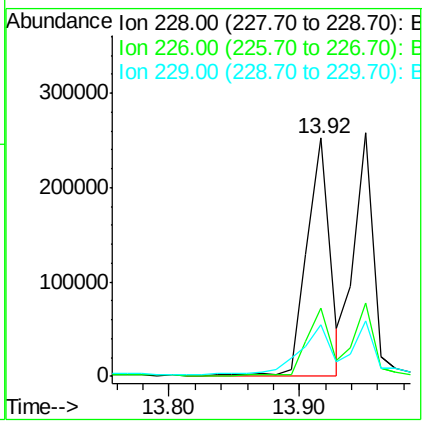


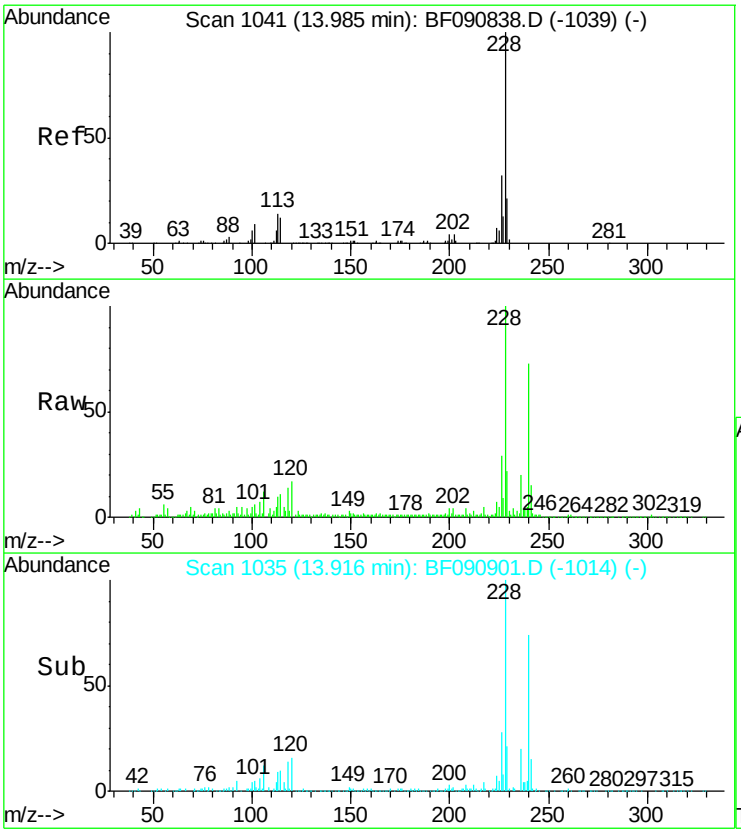
#80
Benzo(a)anthracene
Concen: 16.58 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:228 Resp: 301192

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	21.9	15.4	23.2

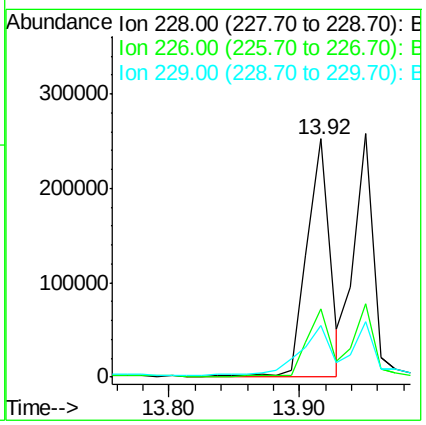


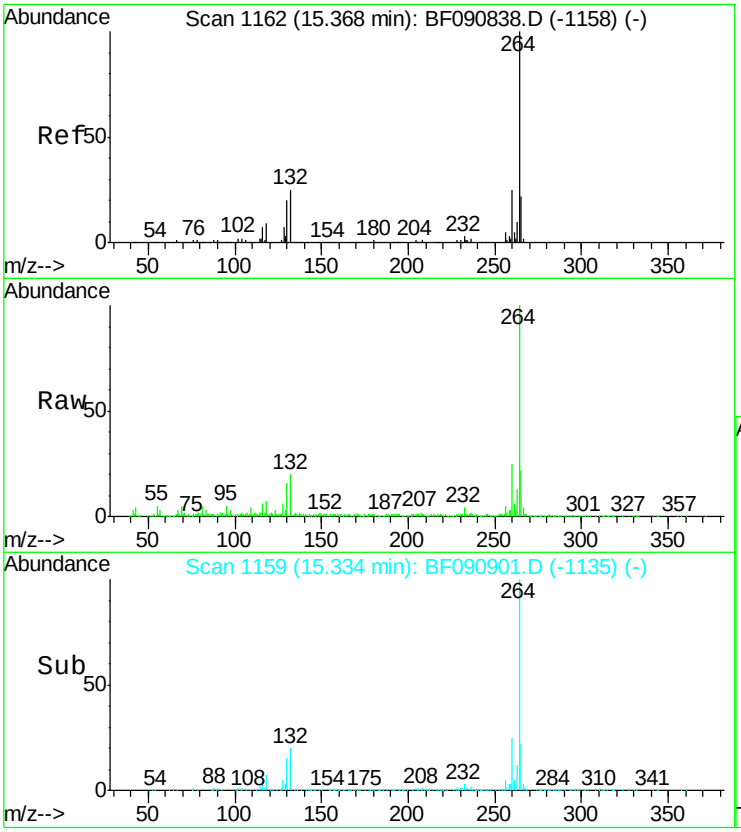


#82
Chrysene
Concen: 16.39 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:228 Resp: 301192

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.0	31.4
229	21.9	15.6	23.4



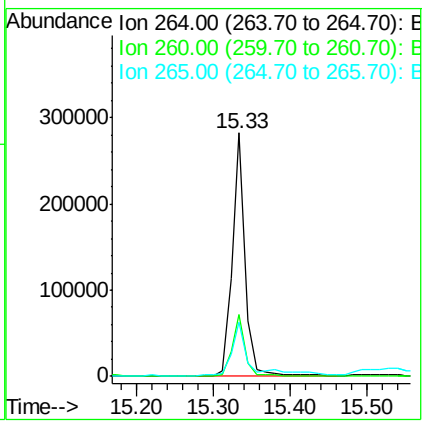


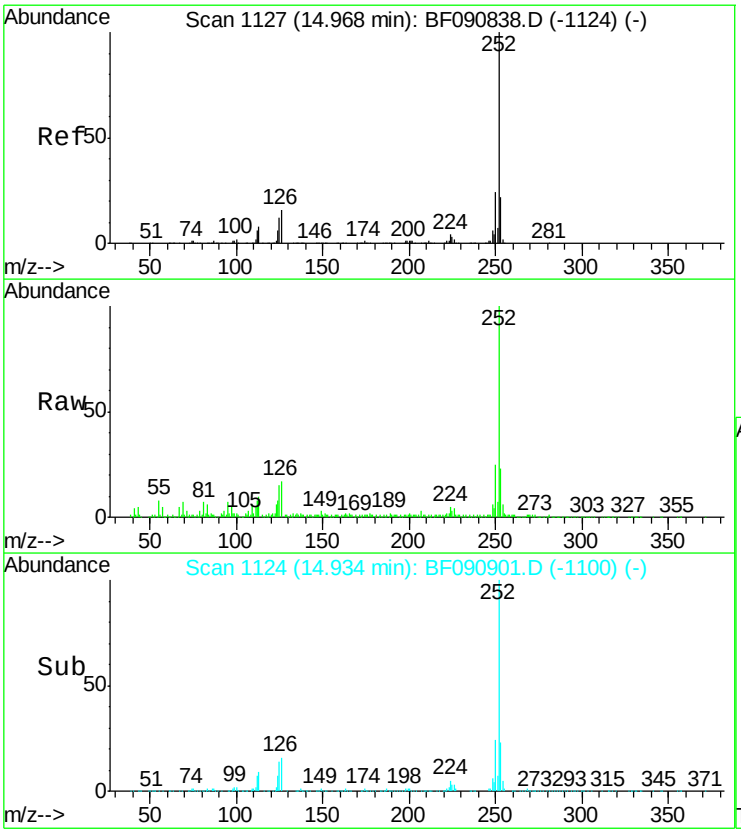
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:264 Resp: 335111

Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1#
265	22.3	17.2	25.8

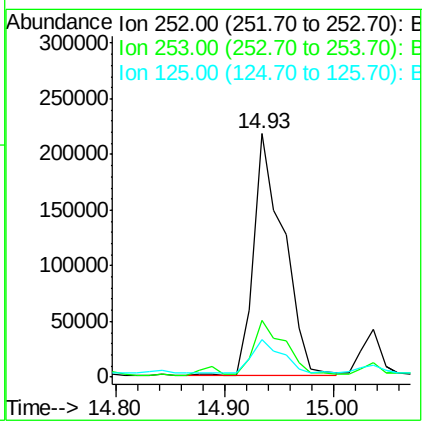


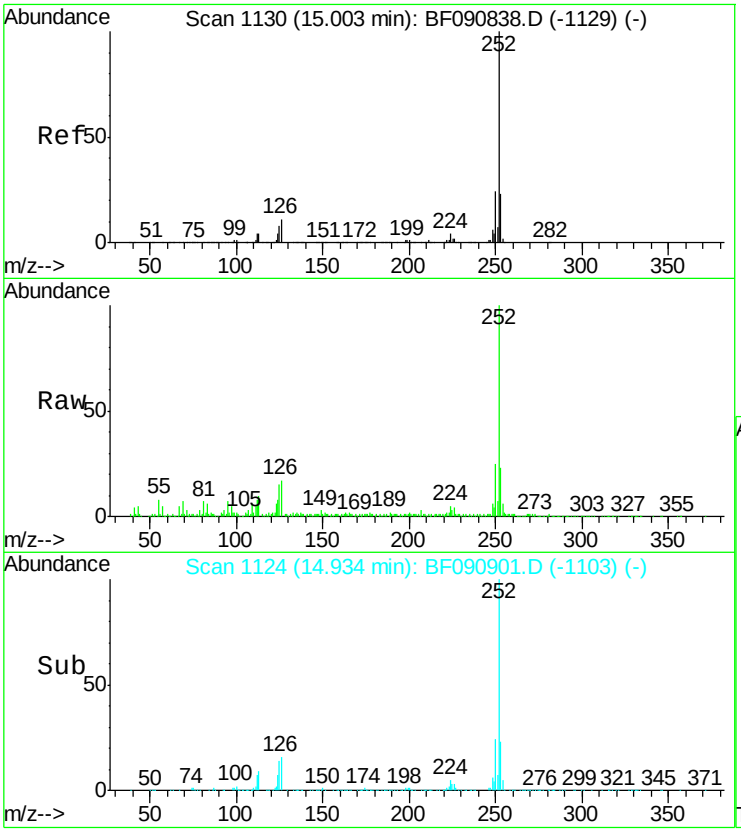


#87
Benzo(b)fluoranthene
Concen: 18.46 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:252 Resp: 416007

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.5	17.1	25.7#



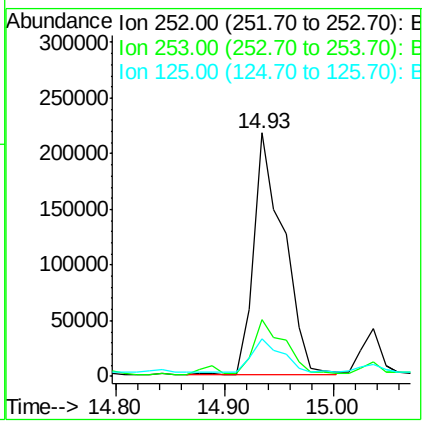


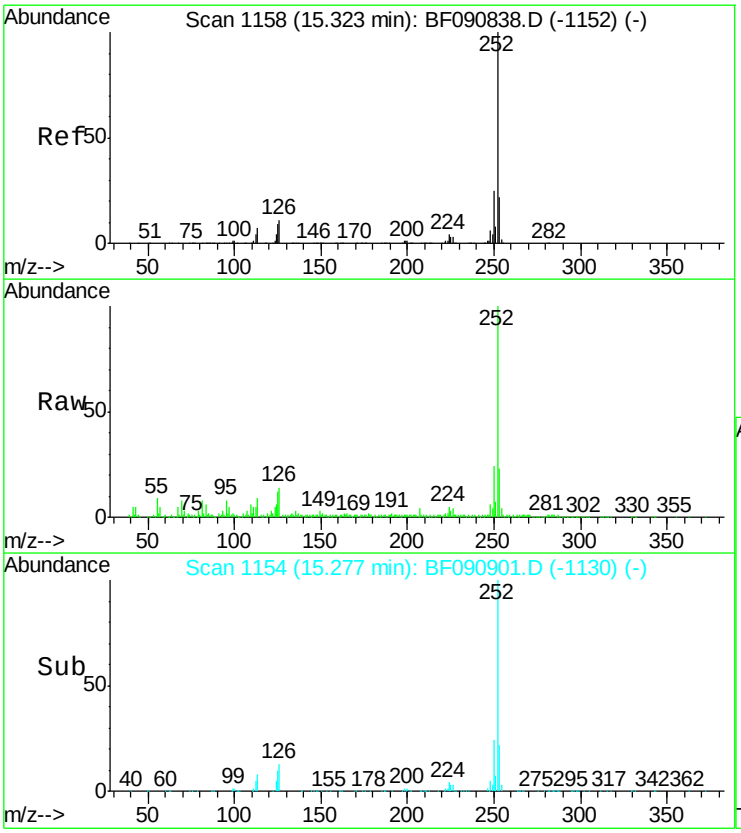
#88
Benzo(k)fluoranthene
Concen: 23.36 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.06 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:252 Resp: 416007

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	15.5	16.0	24.0#

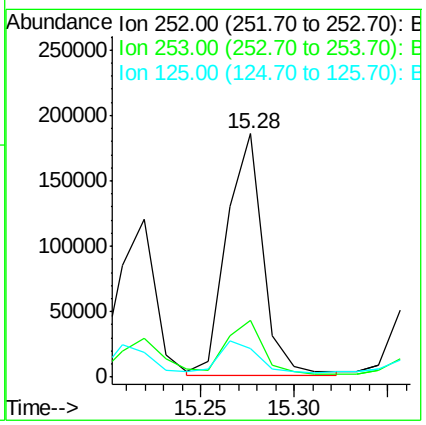


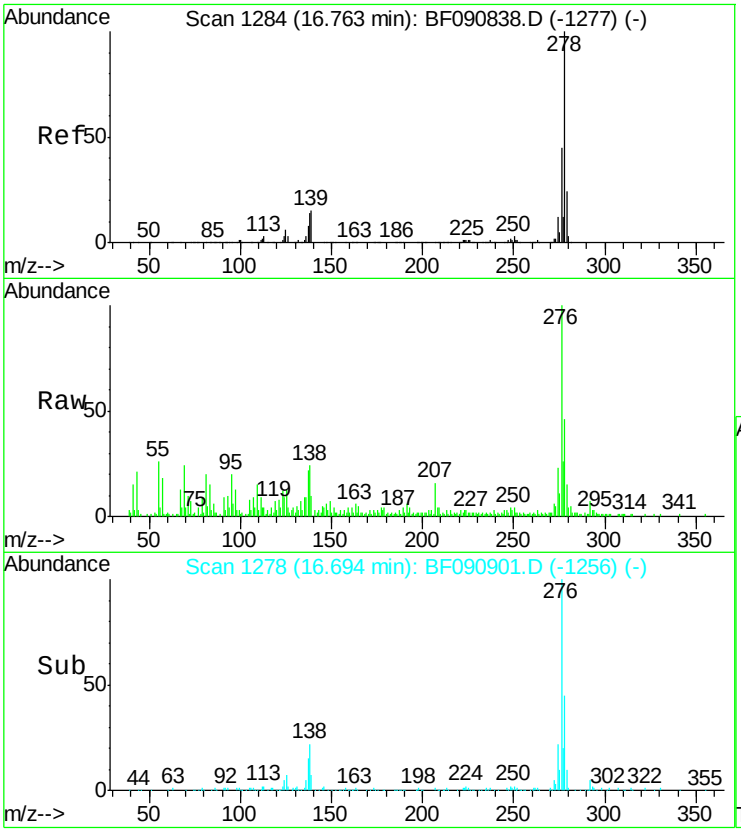


#89
Benzo(a)pyrene
Concen: 12.92 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:252 Resp: 250127

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	11.8	18.0	27.0#



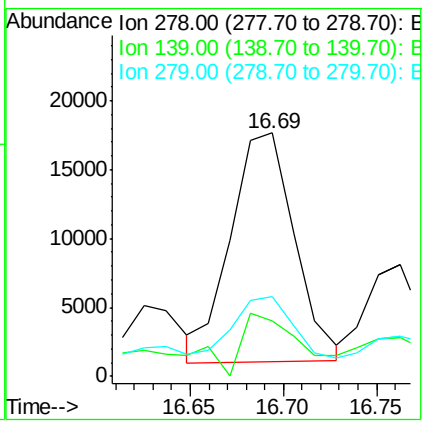


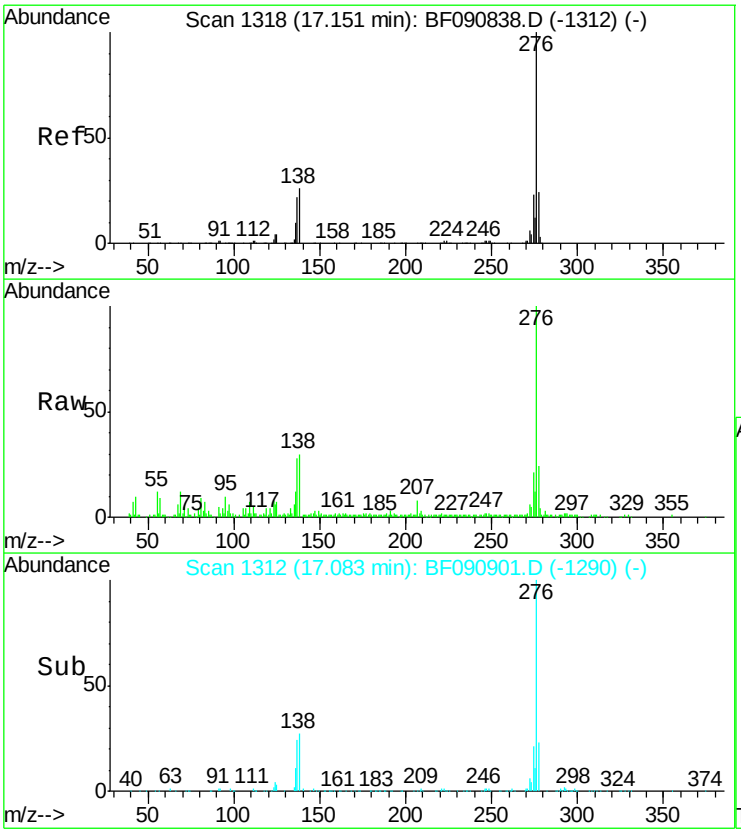
#90
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-3COMP(0-16FEET)

Tgt Ion:278 Resp: 39629

Ion	Ratio	Lower	Upper
278	100		
139	22.9	26.3	39.5#
279	32.9	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 9.58 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BF090901.D
Acq: 28 Oct 2016 11:11

Tgt Ion:276 Resp: 147868

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	29.5	34.6	51.8#