Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090888.D
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 28 01:56:52 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	6.77	152	150157	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	532890	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	257116	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	321897	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	345215	20.00	ng		-0.01
86) Perylene-d12	15.35	264	332060	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1467065	170.82	ng		0.01
7) Phenol-d6	6.42	99	1656720	142.99	ng		0.00
23) Nitrobenzene-d5	7.34	82	922156	113.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	301035	113.93	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1350585	92.24	ng		-0.01
78) Terphenyl-d14	12.89	244	1009687	73.69	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.43	94	144575	11.32	ng	#	63
15) Benzyl Alcohol	6.93	79	21252	2.79	ng	#	30
17) 2-Methylphenol	7.20	107	213211	26.45	ng	#	72
19) n-Nitroso-di-n-propylamine	7.34	70	125458	18.73	ng	#	49
20) 3+4-Methylphenols	7.20	107	220733	23.66	ng		88
27) 2,4-Dimethylphenol	7.85	122	32605	4.37	ng	#	1
31) Naphthalene	8.09	128	99445	3.99	ng		99
32) Benzoic acid	7.85	122	32834	6.06	ng	#	38
49) Dimethylphthalate	9.54	163	632739	36.83	ng	#	97
51) Acenaphthene	9.85	154	56163	3.82	ng		88
55) 4-Nitrophenol	10.02	139	9763	3.96	ng	#	31
56) 2,4-Dinitrotoluene	9.81	165	35155	7.46	ng	#	33
57) Fluorene	10.36	166	46273	2.98	ng		88
66) 4-Bromophenyl-phenylether	10.60	248	19869	5.64	ng	#	1
70) Phenanthrene	11.32	178	331416	20.22	ng		97
71) Anthracene	11.37	178	95345	5.52	ng		96
72) Carbazole	11.53	167	37020	2.43	ng	#	92
74) Fluoranthene	12.51	202	514605	28.67	ng		91
77) Pyrene	12.74	202	486279	22.26	ng		97
80) Benzo(a)anthracene	13.93	228	354825	19.37	ng		94
82) Chrysene	13.93	228	354825	19.15	ng		96
85) Indeno(1,2,3-cd)pyrene	16.71	276	107658	6.56	ng	#	89
87) Benzo(b)fluoranthene	14.95	252	448858	20.10	ng	#	90
88) Benzo(k)fluoranthene	14.95	252	448858	25.44	ng	#	90
89) Benzo(a)pyrene	15.29	252	255117	13.30	ng	#	87
91) Benzo(g,h,i)perylene	17.11	276	94619	6.19	ng	#	86

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

Quantitation Report (Not Reviewed)

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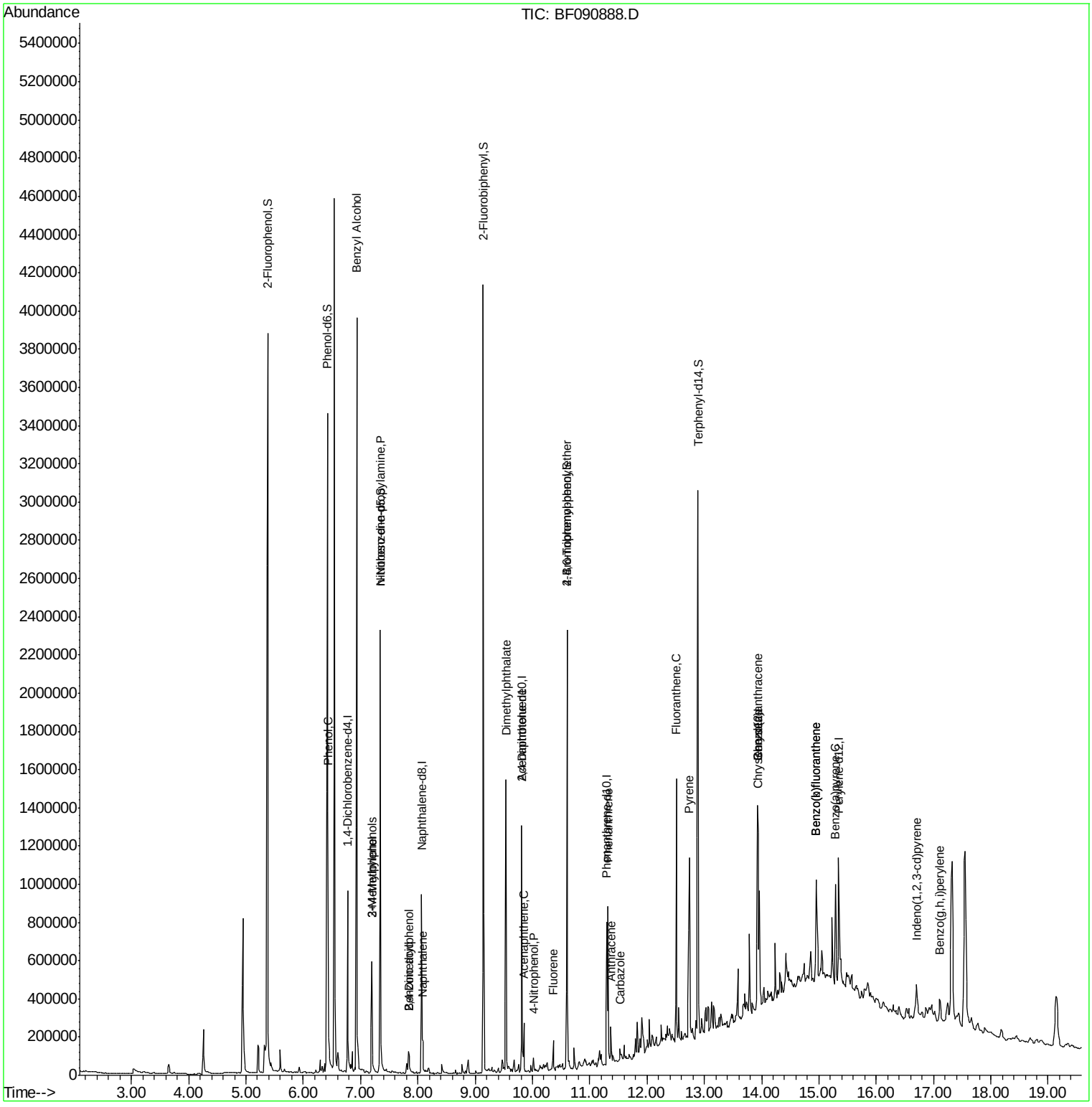
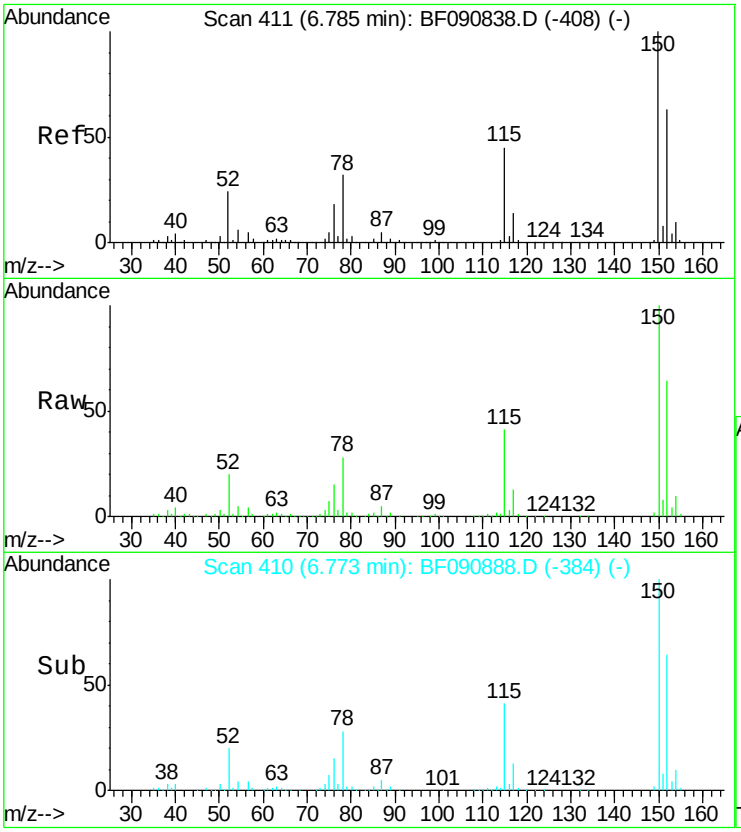
Acq On : 28 Oct 2016 1:08
Operator : UM/SJ
Sample : H5423-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 28 01:56:52 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



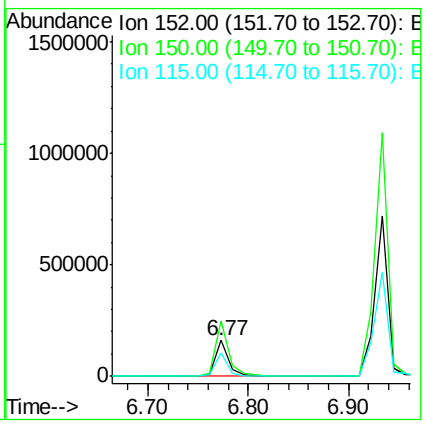


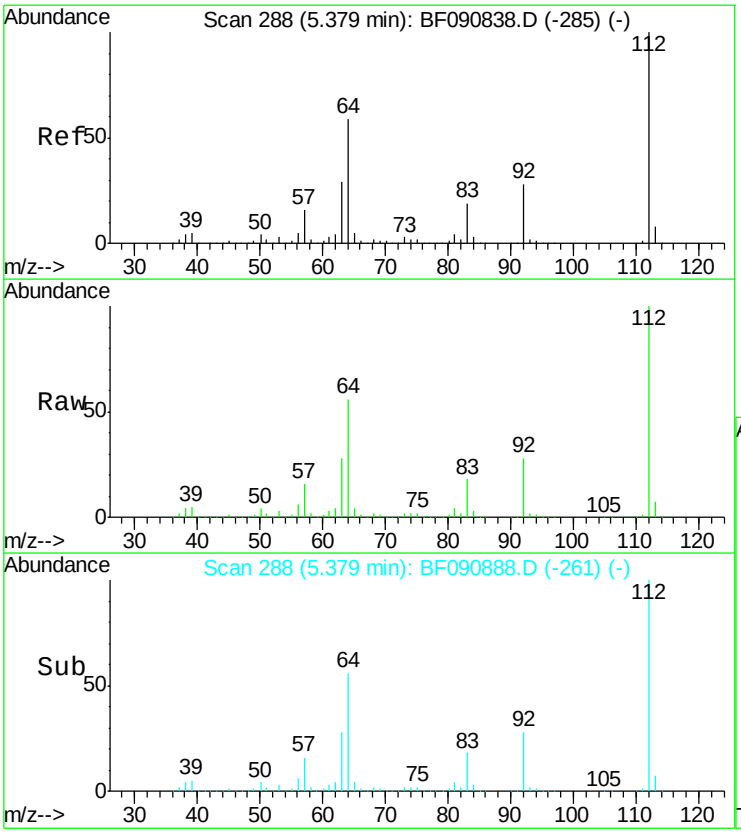
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:152 Resp: 150157

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	64.5	39.0	58.4#

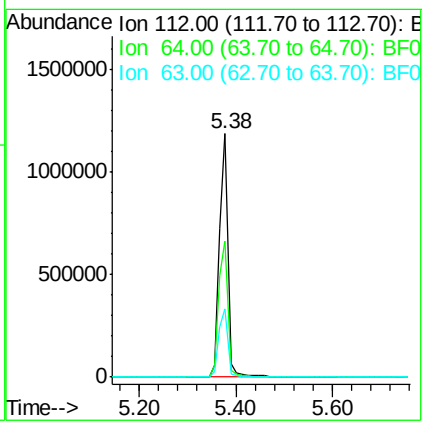


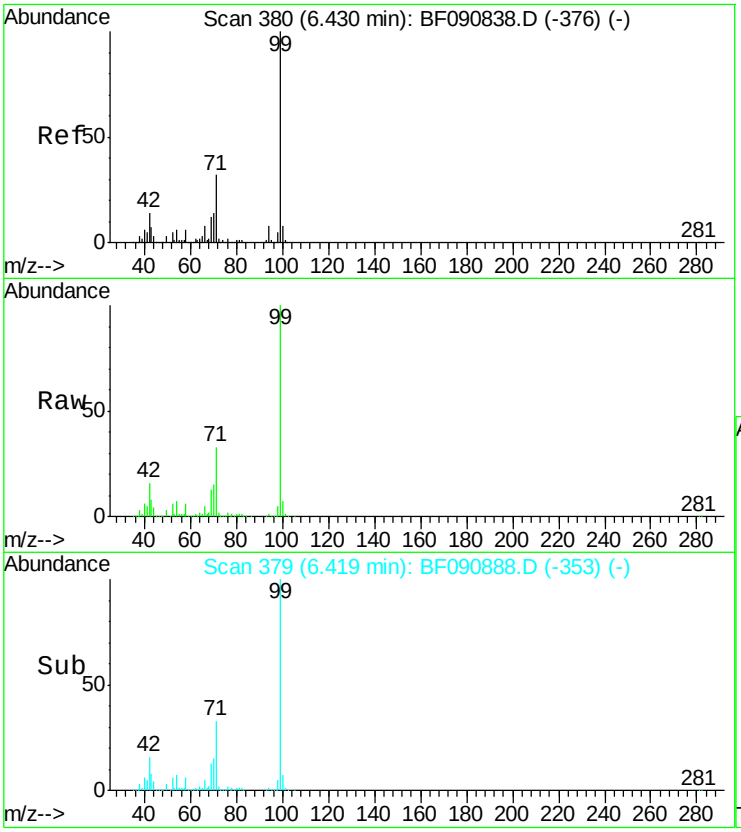


#5
2-Fluorophenol
Concen: 170.82 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:112 Resp: 1467065

Ion	Ratio	Lower	Upper
112	100		
64	56.0	39.7	59.5
63	28.0	17.4	26.0#



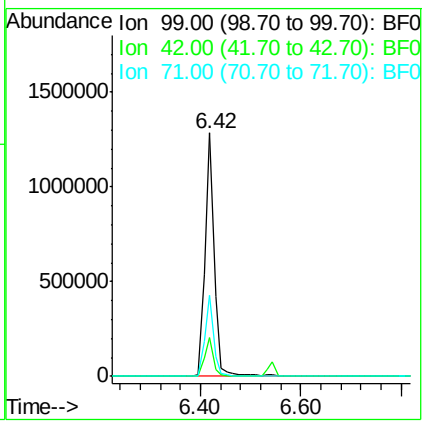


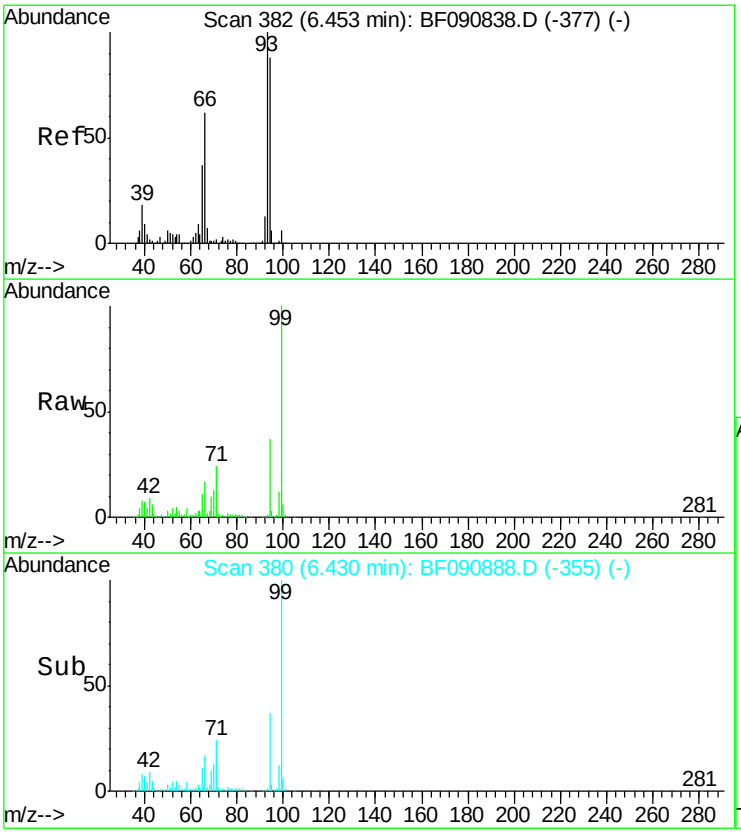
#7
Phenol-d6
Concen: 142.99 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion: 99 Resp: 1656720

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	33.4	14.2	21.2#

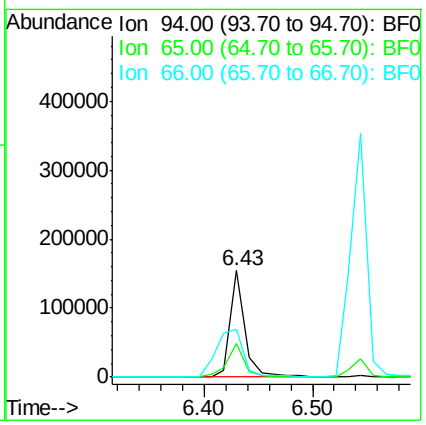


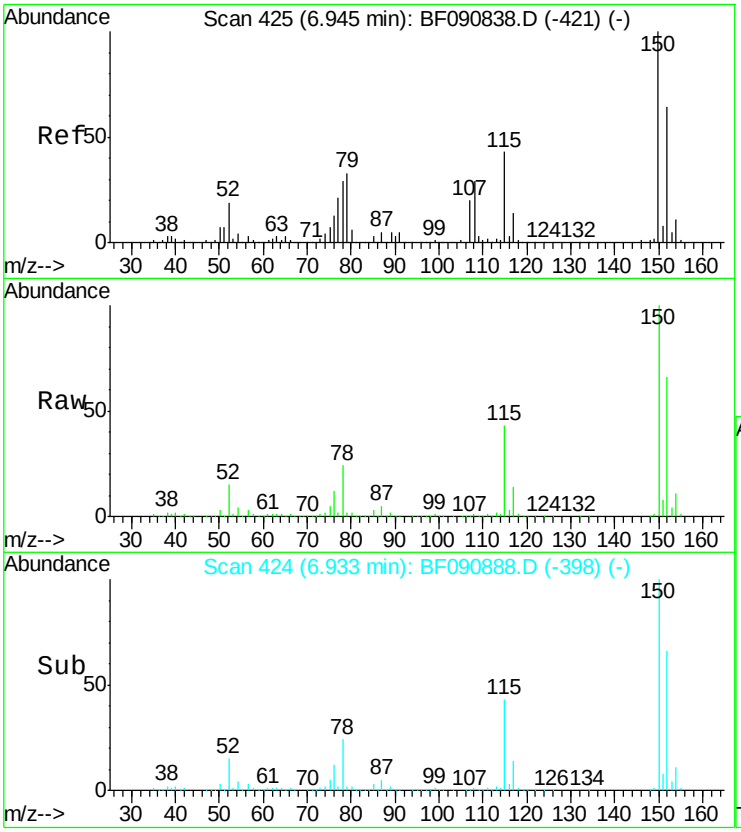


#10
Phenol
Concen: 11.32 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion: 94 Resp: 144575

Ion	Ratio	Lower	Upper
94	100		
65	31.1	0.7	40.7
66	45.2	0.8	40.8#



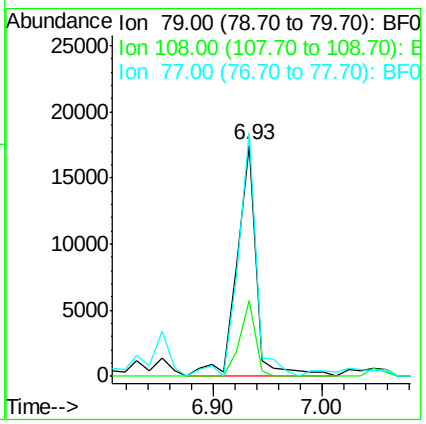


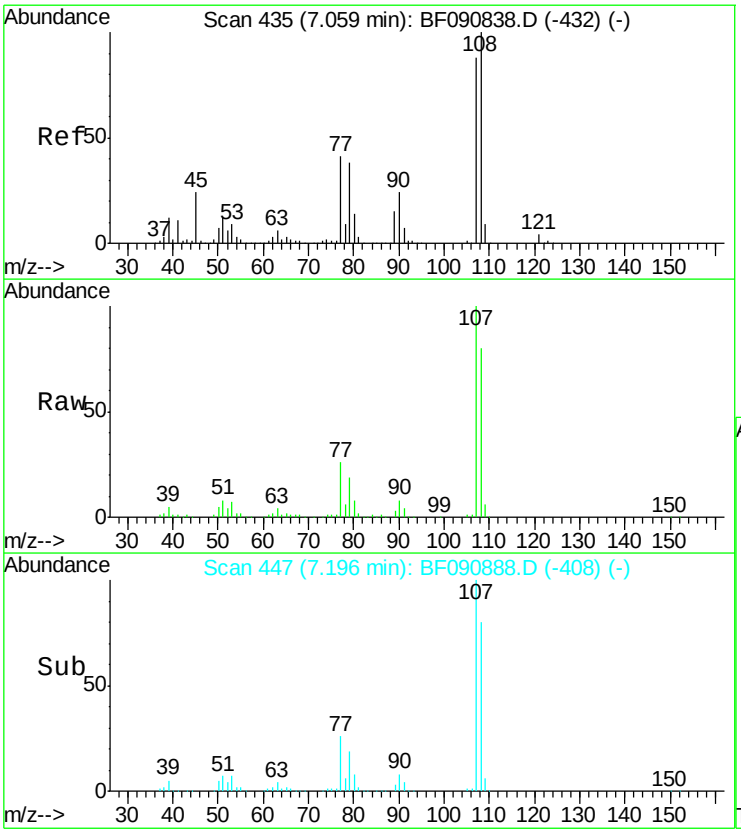
#15
Benzyl Alcohol
Concen: 2.79 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion: 79 Resp: 21252

Ion	Ratio	Lower	Upper
79	100		
108	32.8	88.6	132.8#
77	105.5	47.0	70.4#

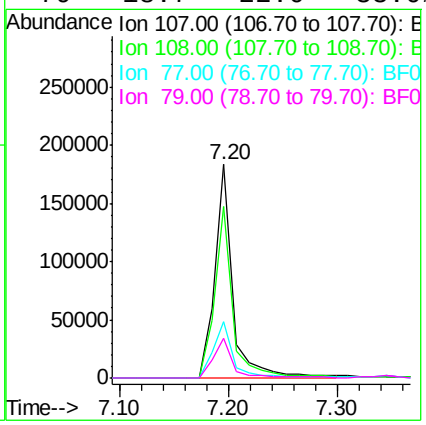


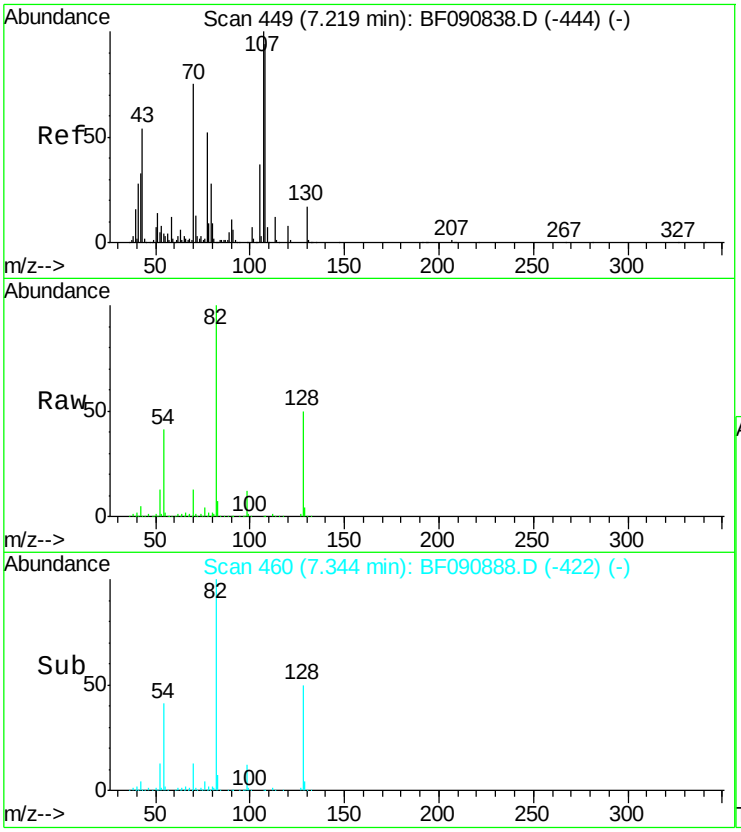


#17
2-Methylphenol
Concen: 26.45 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:107 Resp: 213211

Ion	Ratio	Lower	Upper
107	100		
108	80.4	96.6	145.0#
77	26.2	23.3	34.9
79	18.7	22.0	33.0#



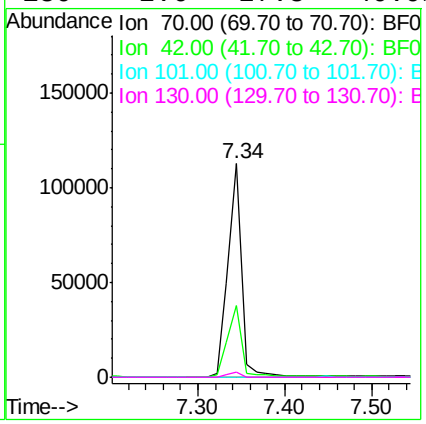


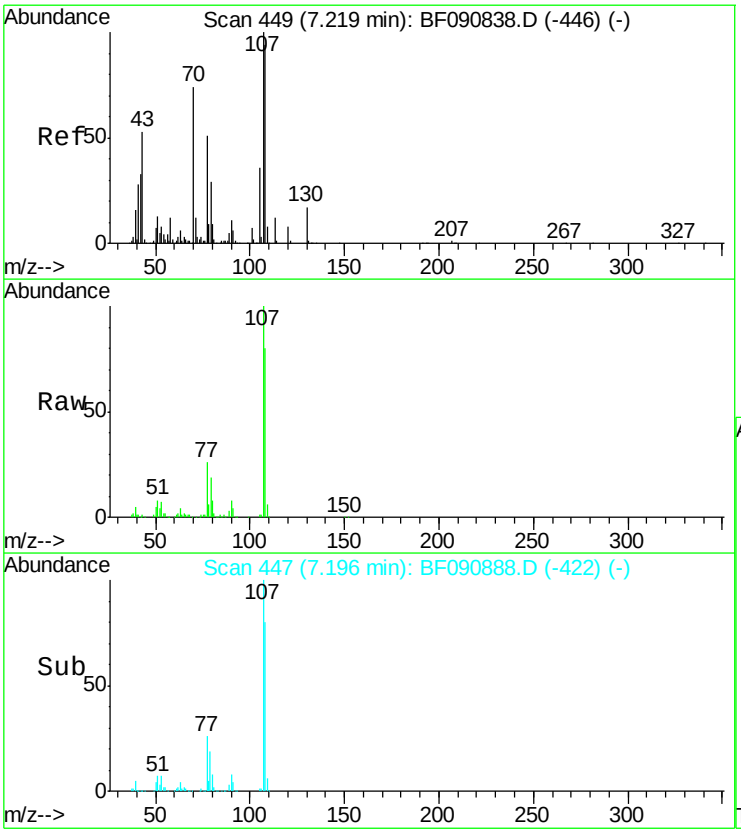
#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion: 70 Resp: 125458

Ion	Ratio	Lower	Upper
70	100		
42	33.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.6	27.3	40.9#

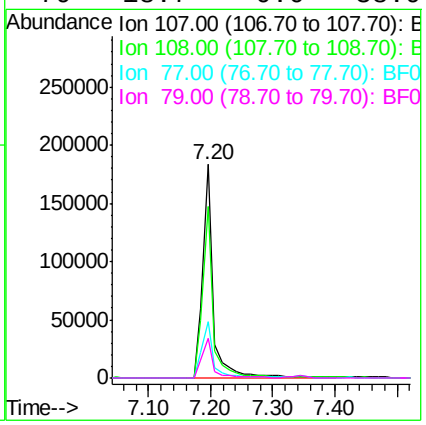


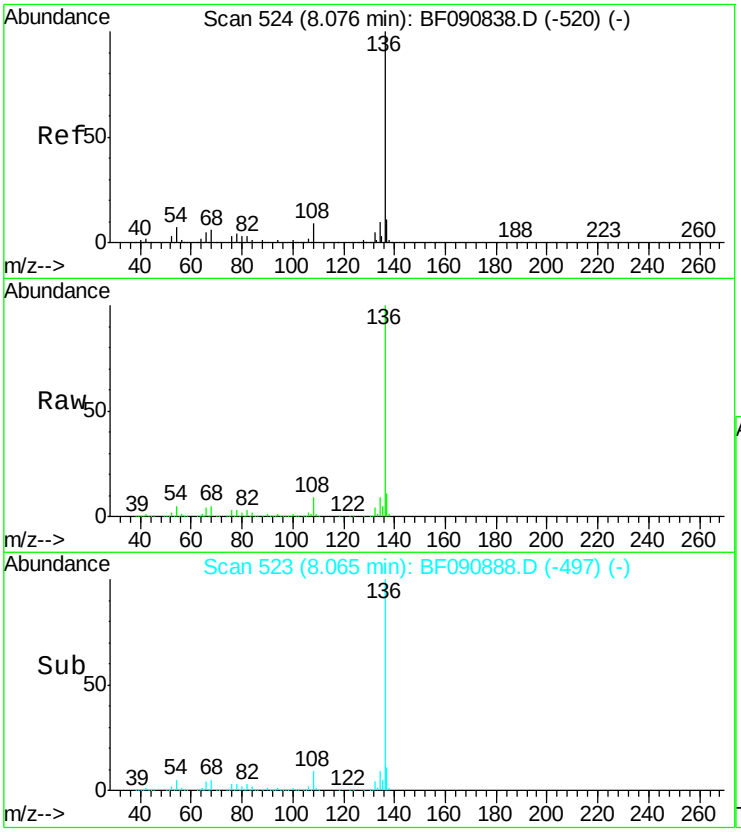


#20
3+4-Methylphenols
Concen: 23.66 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:107 Resp: 220733

Ion	Ratio	Lower	Upper
107	100		
108	80.4	74.6	114.6
77	26.2	0.7	40.7
79	18.7	0.0	38.9



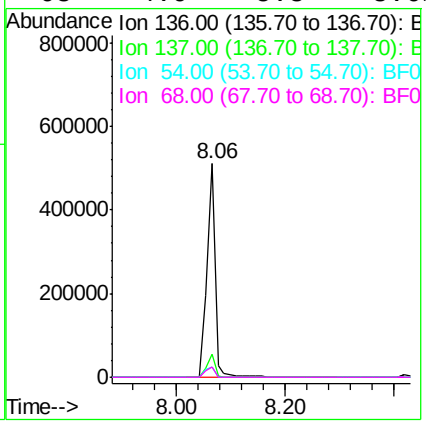


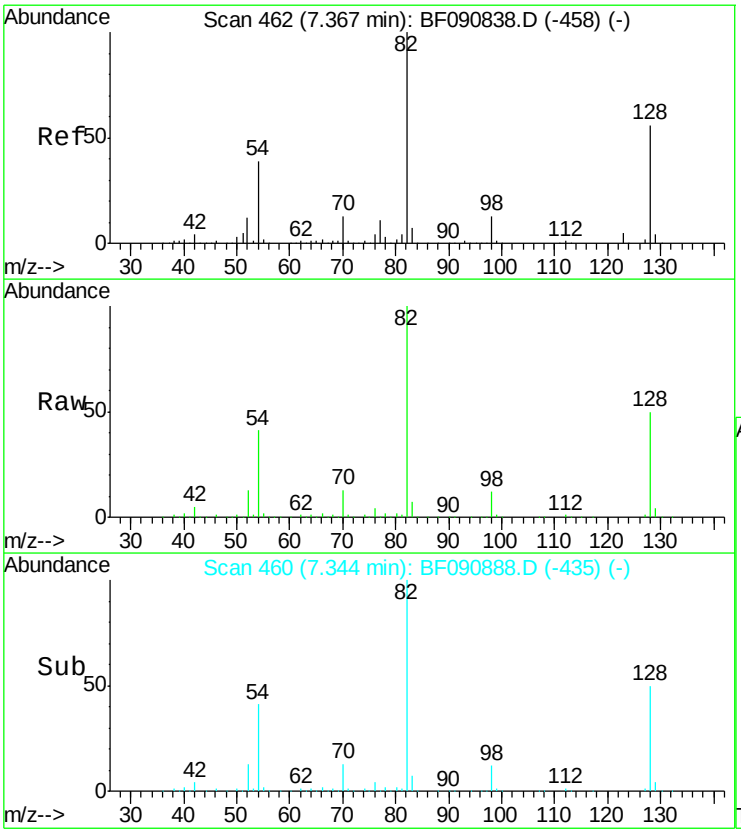
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:136 Resp: 532890

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	4.9	8.2	12.2#
68	4.9	5.8	8.6#

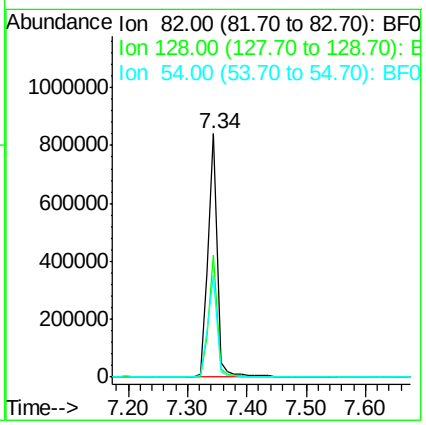


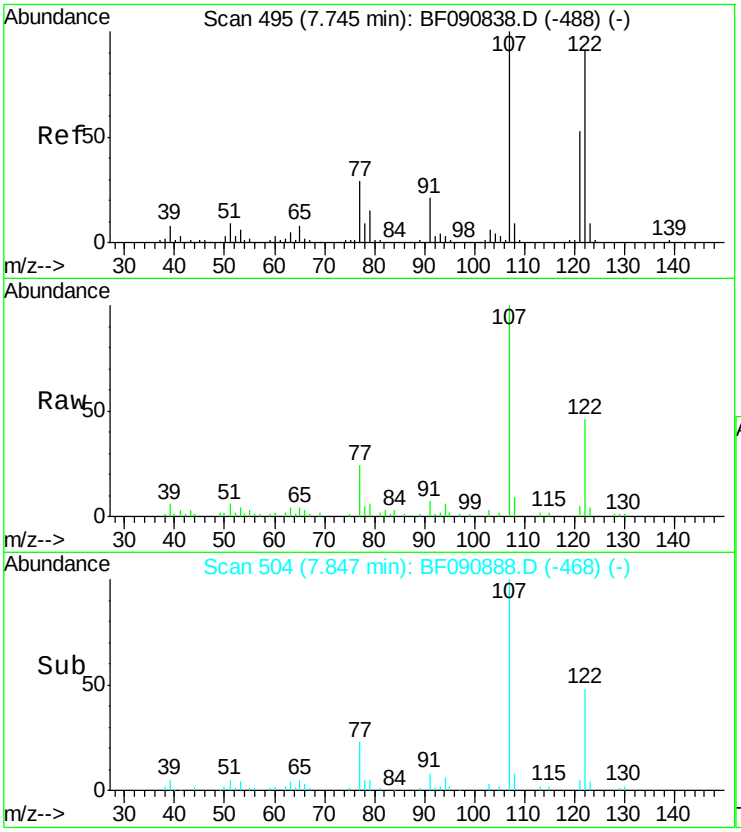


#23
Nitrobenzene-d5
Concen: 113.28 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion: 82 Resp: 922156

Ion	Ratio	Lower	Upper
82	100		
128	50.3	51.0	76.6#
54	41.5	47.5	71.3#



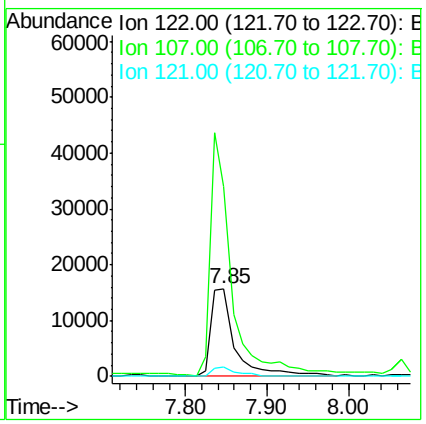


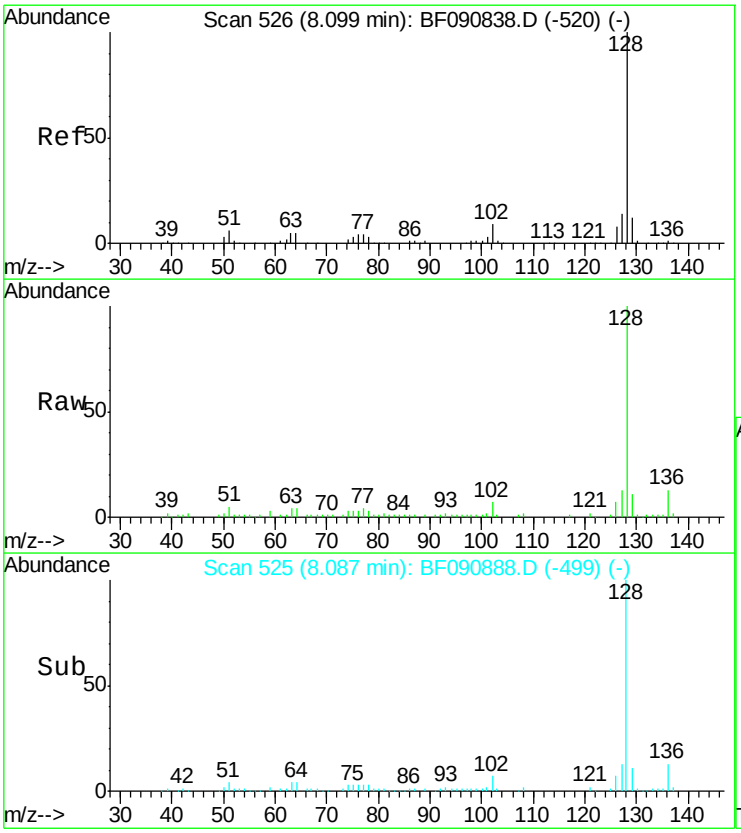
#27
2,4-Dimethylphenol
Concen: 4.37 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:122 Resp: 32605

Ion	Ratio	Lower	Upper
122	100		
107	216.6	71.8	107.6#
121	10.0	42.3	63.5#

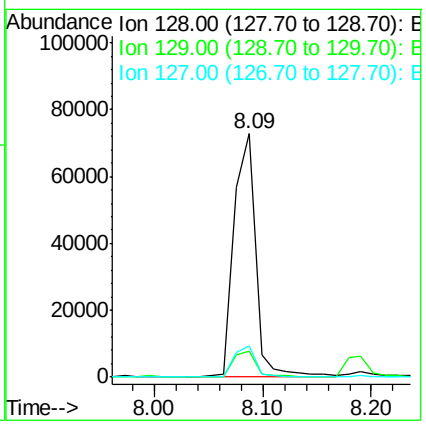


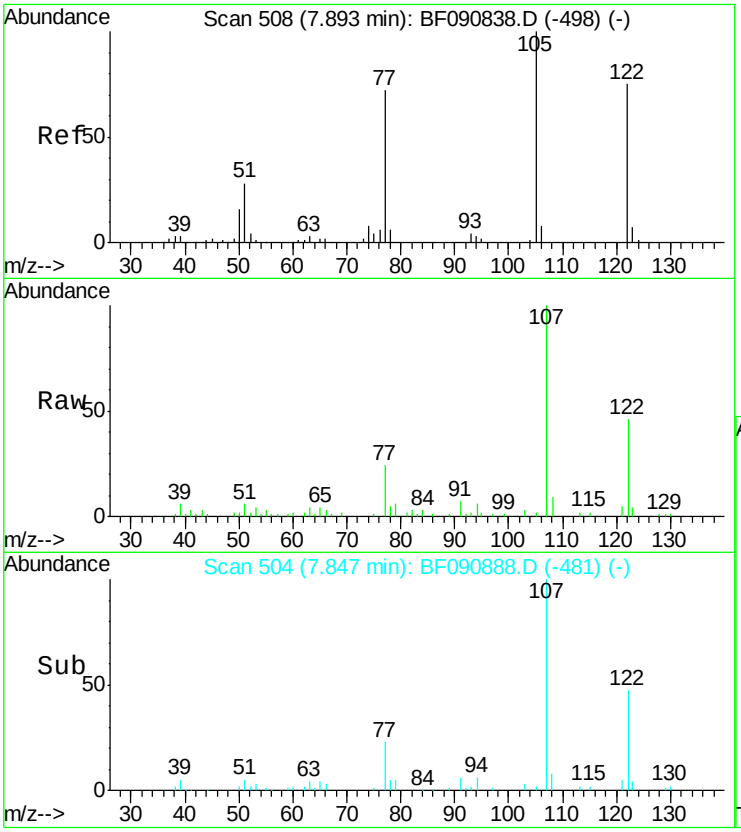


#31
Naphthalene
Concen: 3.99 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:128 Resp: 99445

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	12.8	9.9	14.9



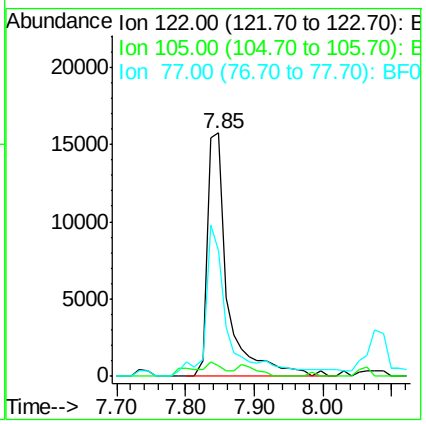


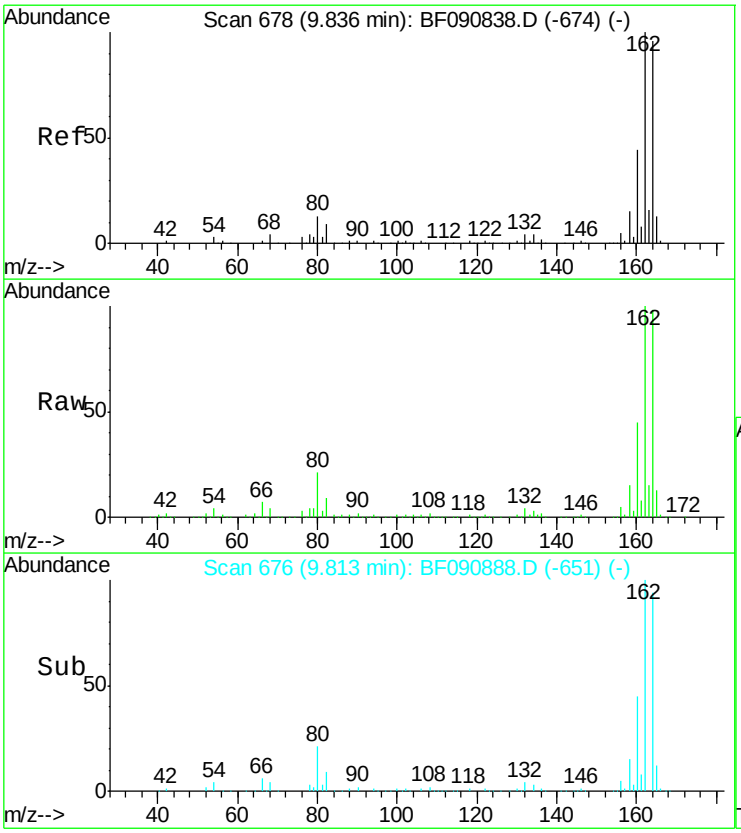
#32
Benzoic acid
Concen: 6.06 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:122 Resp: 32834

Ion	Ratio	Lower	Upper
122	100		
105	4.5	76.1	116.1#
77	51.8	40.5	80.5

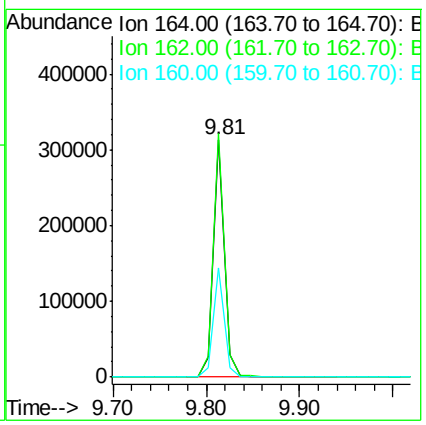


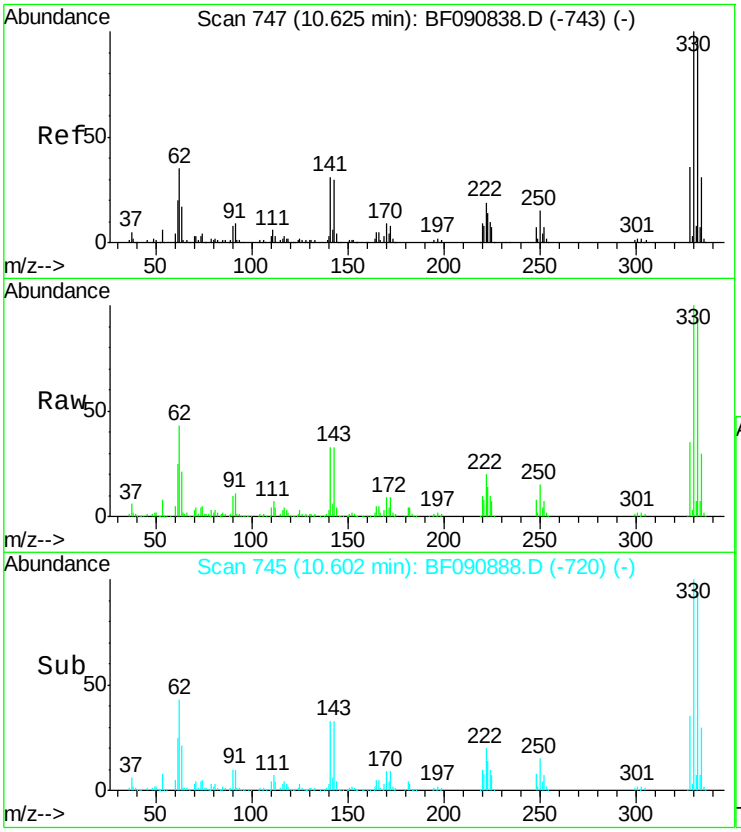


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:164 Resp: 257116

Ion	Ratio	Lower	Upper
164	100		
162	102.4	75.2	112.8
160	45.8	31.5	47.3



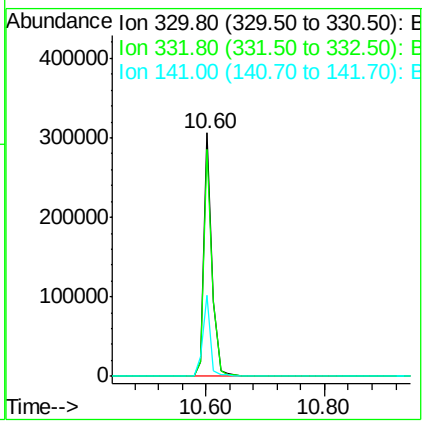


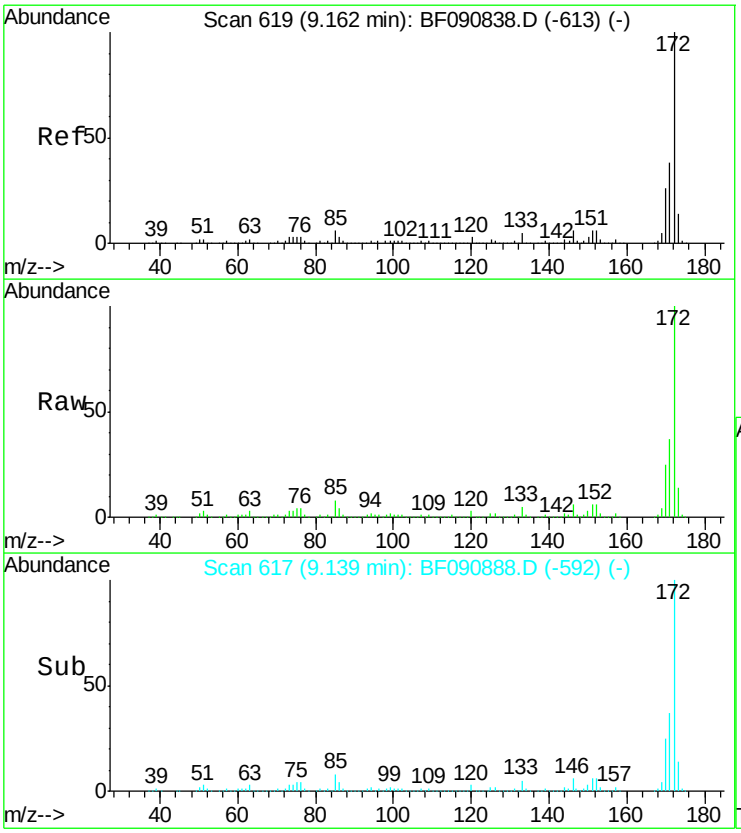
#41
2,4,6-Tribromophenol
Concen: 113.93 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:330 Resp: 301035

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	32.3	29.7	44.5

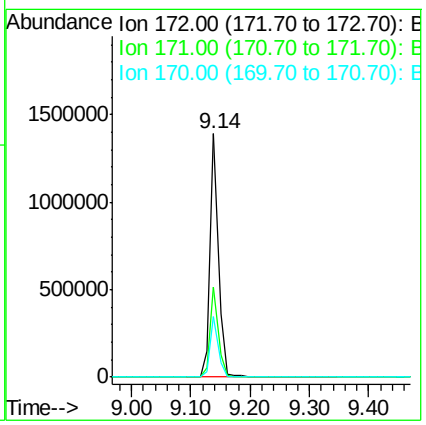


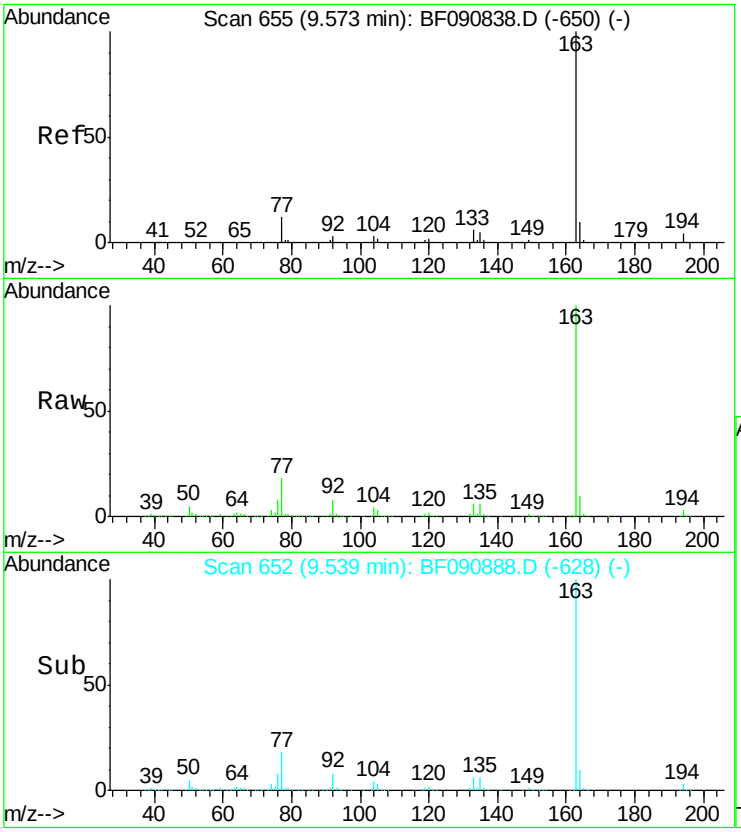


#44
2-Fluorobiphenyl
Concen: 92.24 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:172 Resp: 1350585

Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.1	17.4	26.2



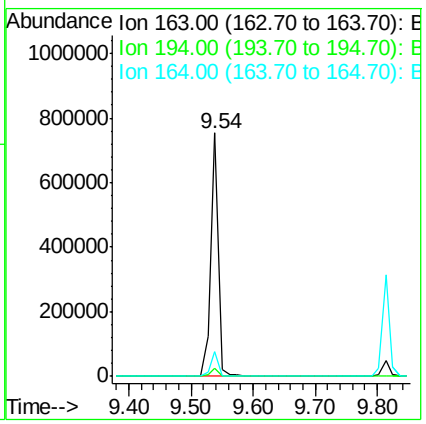


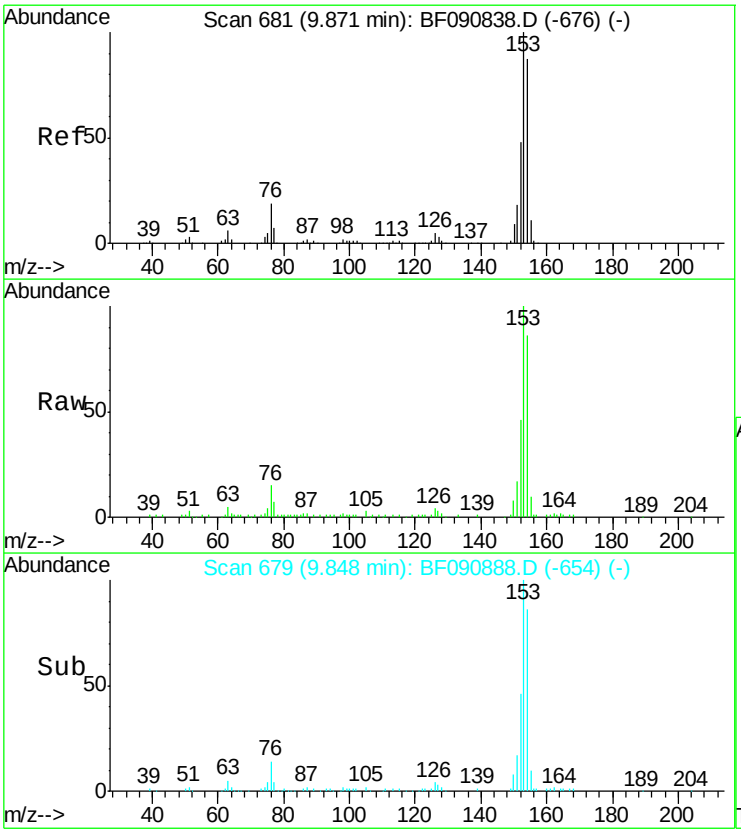
#49
Dimethylphthalate
Concen: 36.83 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:163 Resp: 632739

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.0	8.3	12.5

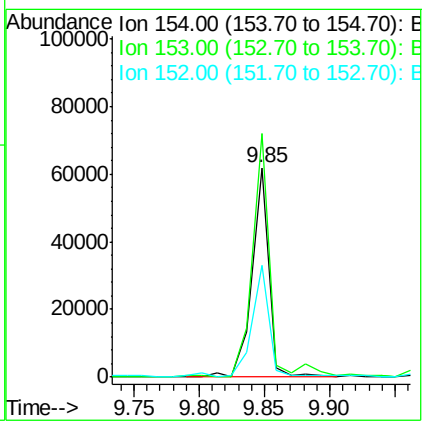


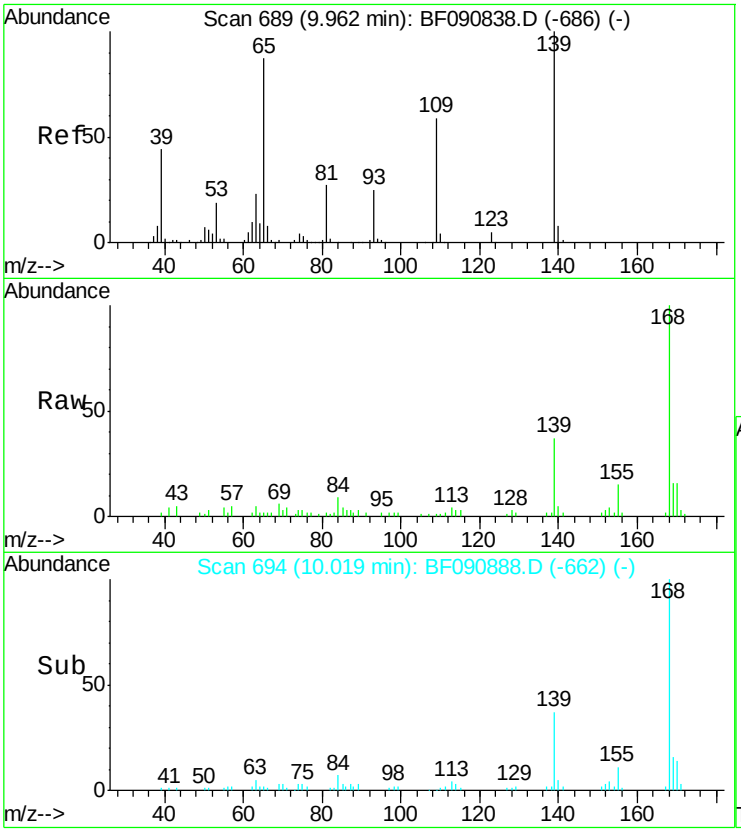


#51
Acenaphthene
Concen: 3.82 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:154 Resp: 56163

Ion	Ratio	Lower	Upper
154	100		
153	116.1	82.1	123.1
152	53.4	37.9	56.9



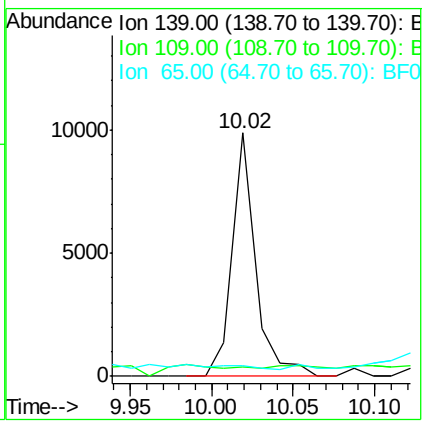


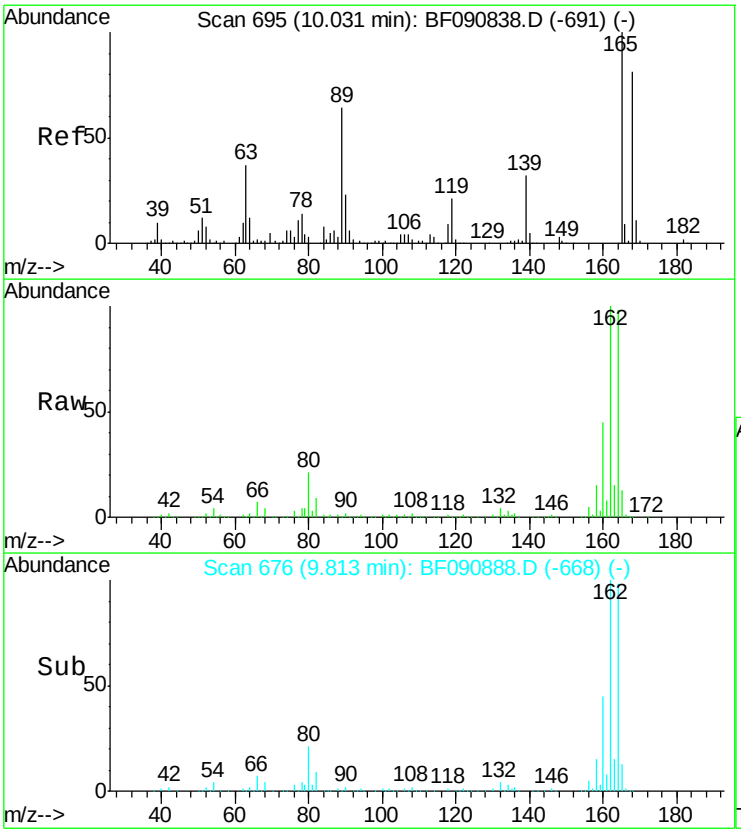
#55
4-Nitrophenol
Concen: 3.96 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:139 Resp: 9763

Ion	Ratio	Lower	Upper
139	100		
109	3.7	12.7	52.7#
65	4.1	45.9	85.9#

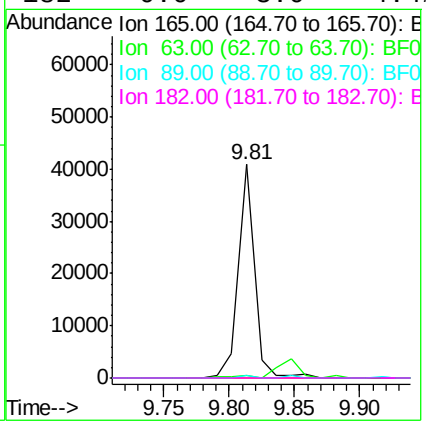


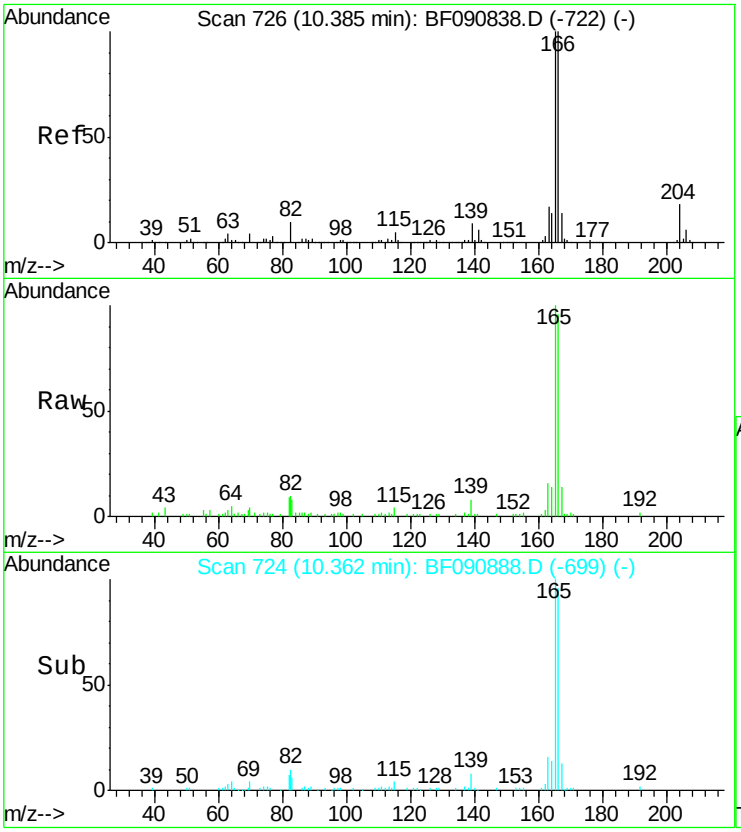


#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:165 Resp: 35155

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#



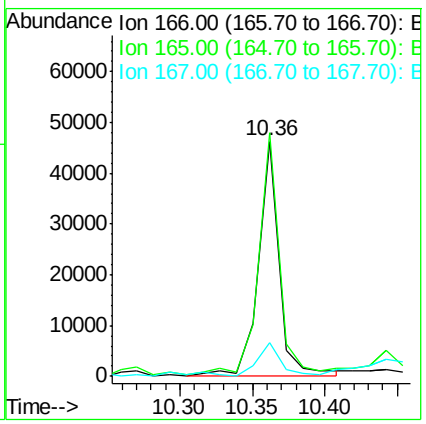


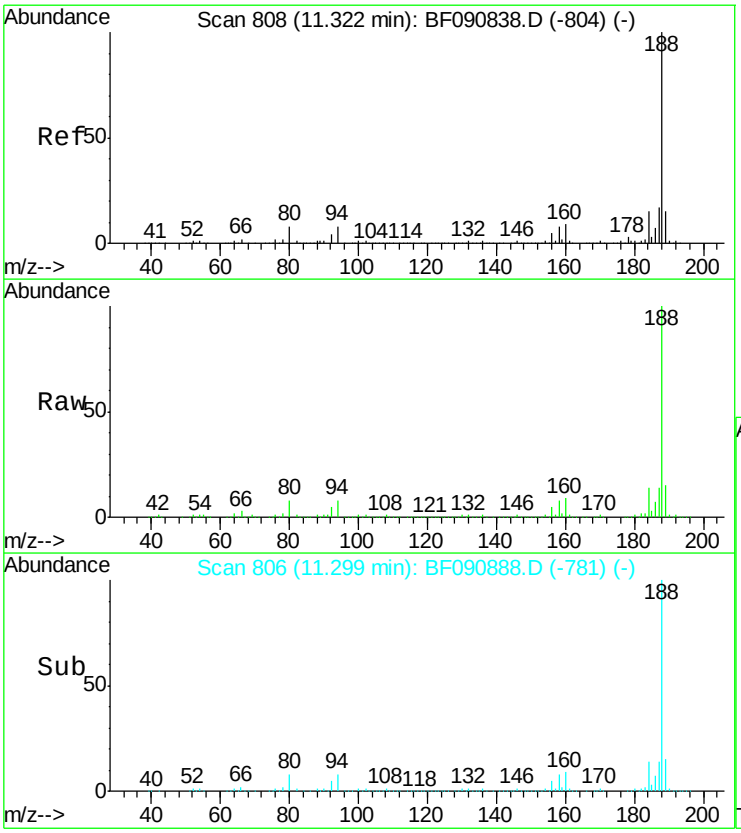
#57
Fluorene
Concen: 2.98 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:166 Resp: 46273

Ion	Ratio	Lower	Upper
166	100		
165	103.8	72.6	109.0
167	14.4	10.6	16.0

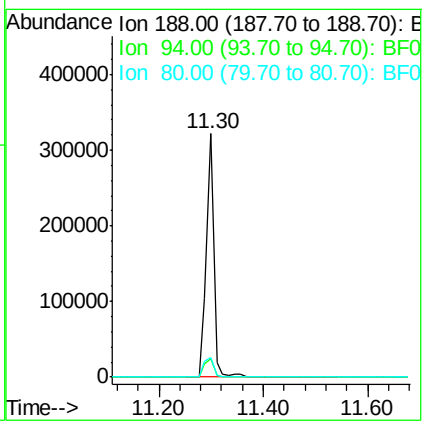


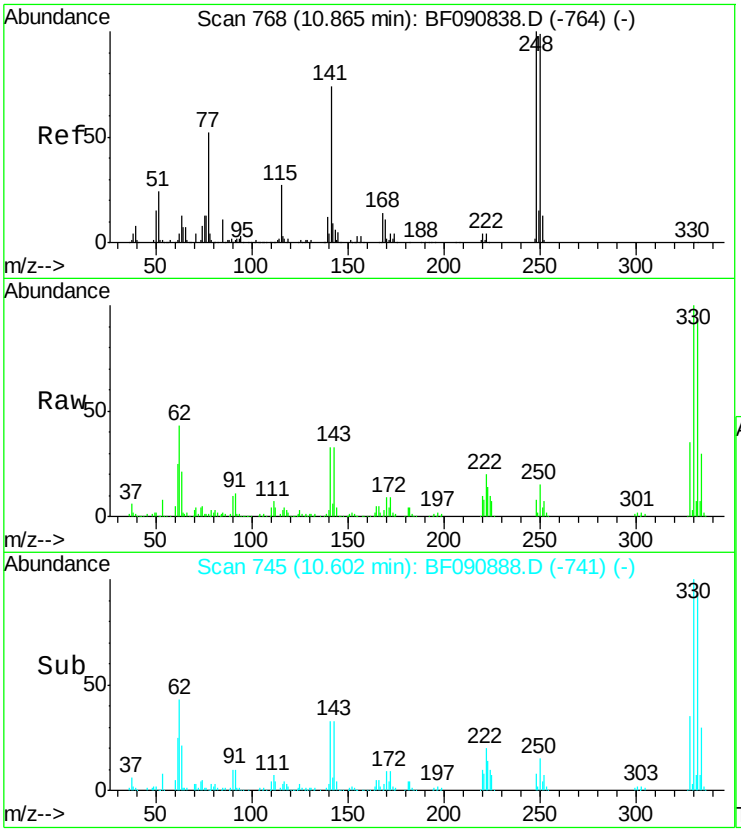


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:188 Resp: 321897

Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.2	11.0	16.4#



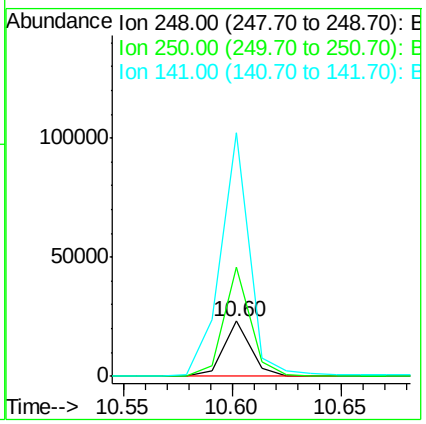


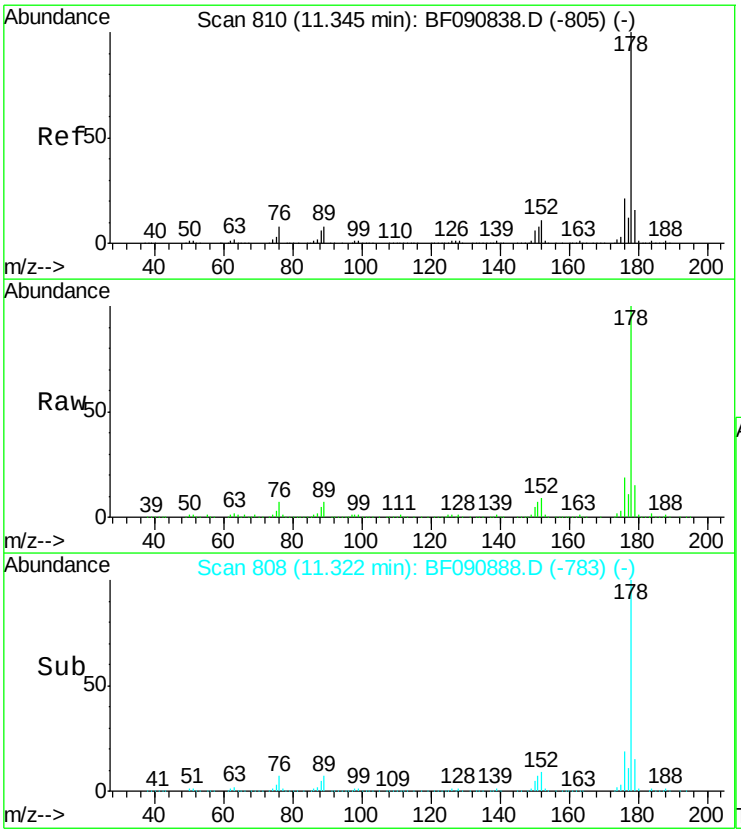
#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:248 Resp: 19869

Ion	Ratio	Lower	Upper
248	100		
250	198.5	78.5	117.7#
141	443.5	59.0	88.6#

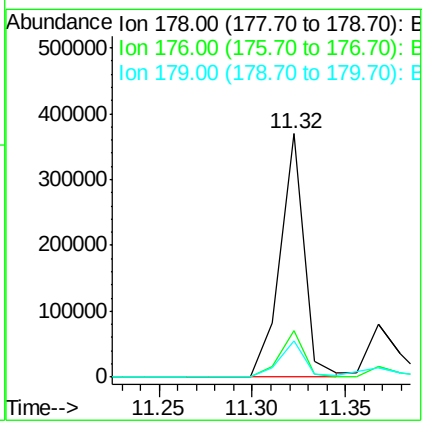


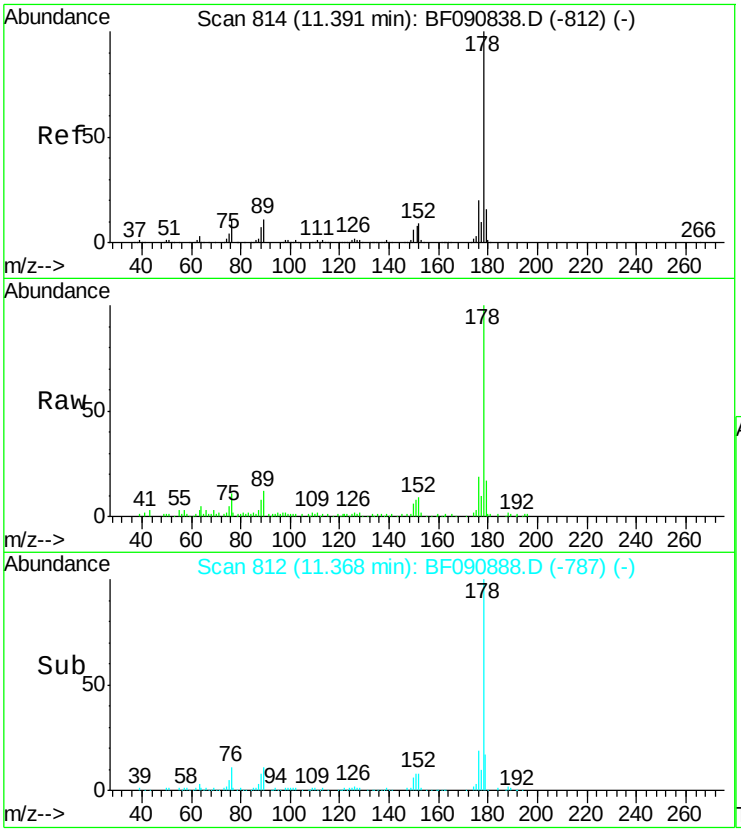


#70
Phenanthrene
Concen: 20.22 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:178 Resp: 331416

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	15.0	12.2	18.2



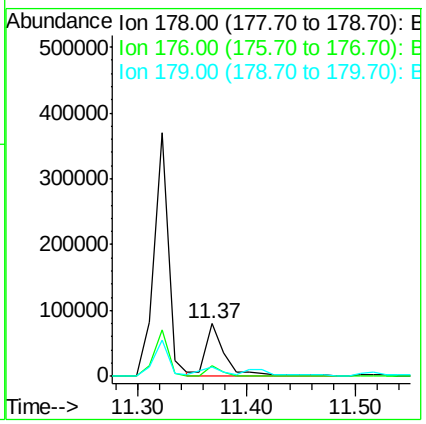


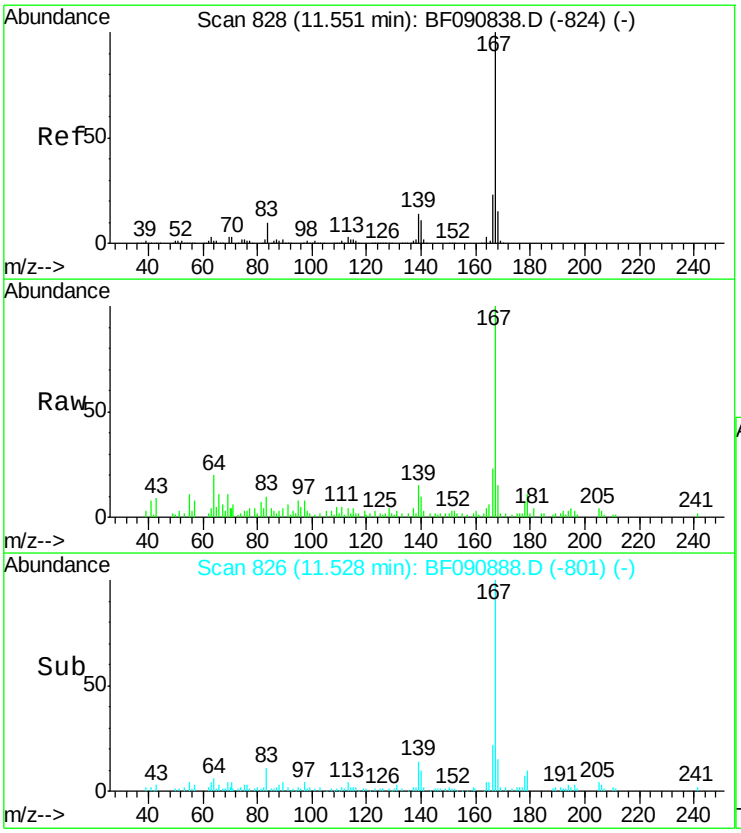
#71
Anthracene
Concen: 5.52 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:178 Resp: 95345

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.1	21.1
179	16.9	12.2	18.2

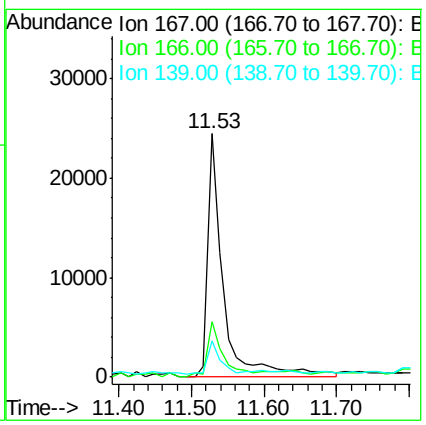


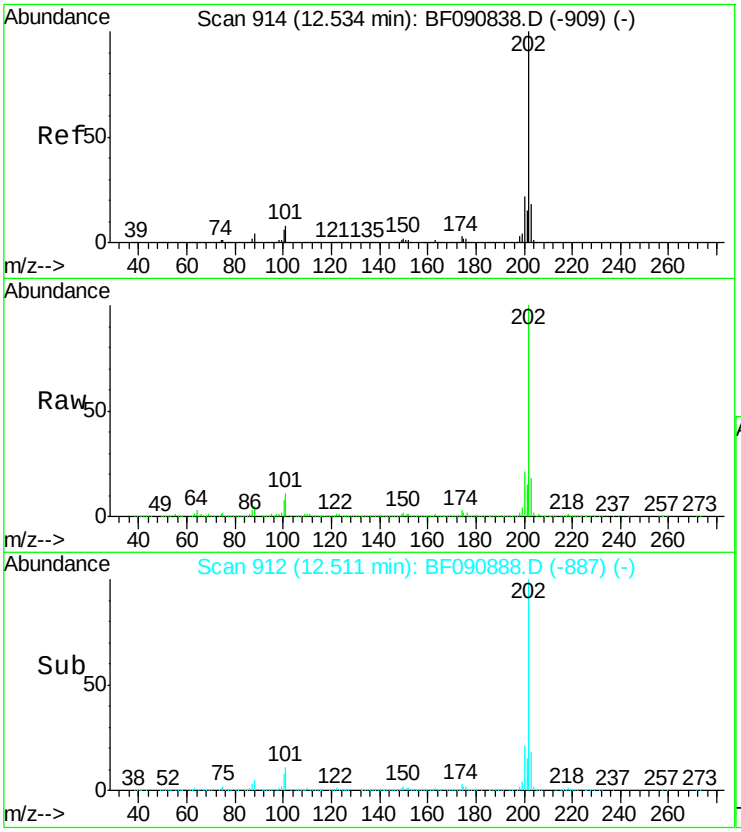


#72
Carbazole
Concen: 2.43 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:167 Resp: 37020

Ion	Ratio	Lower	Upper
167	100		
166	22.9	15.7	23.5
139	15.0	9.5	14.3#



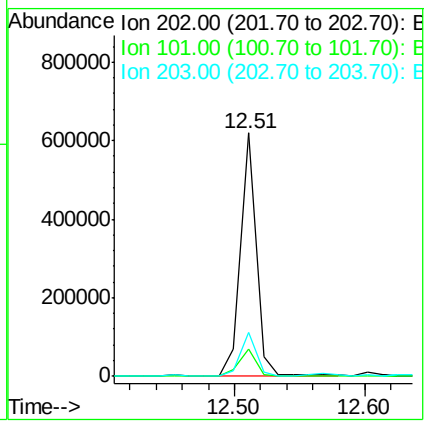


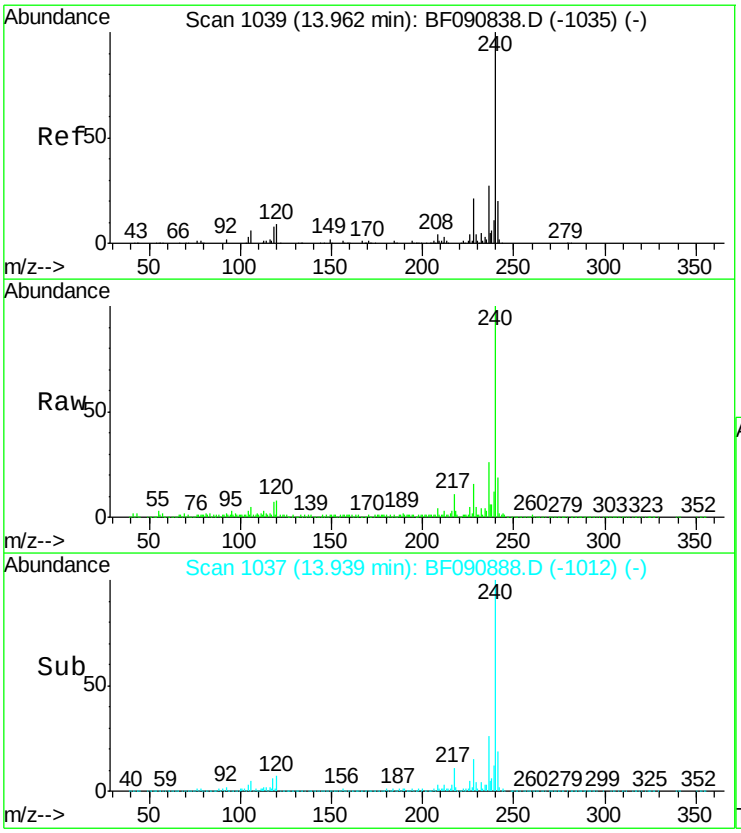
#74
Fluoranthene
Concen: 28.67 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:202 Resp: 514605

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	38.3
203	17.9	0.0	37.3

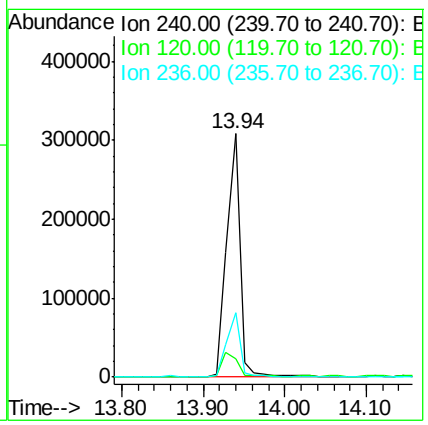


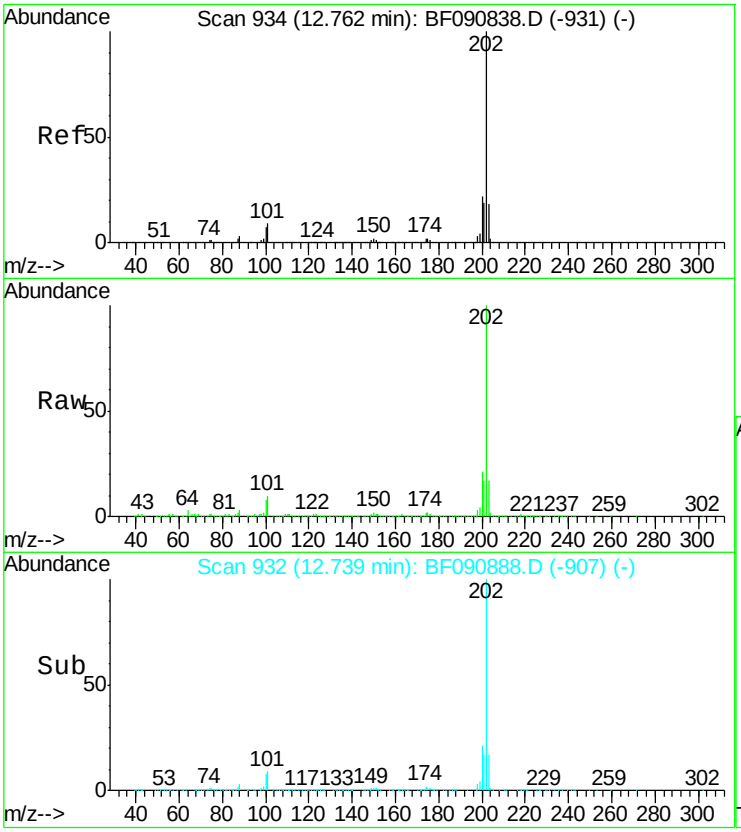


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:240 Resp: 345215

Ion	Ratio	Lower	Upper
240	100		
120	7.7	16.2	24.2#
236	26.2	18.4	27.6



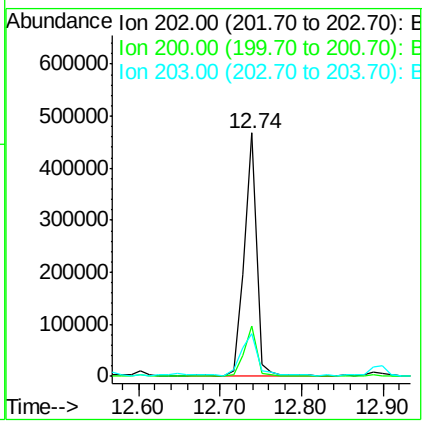


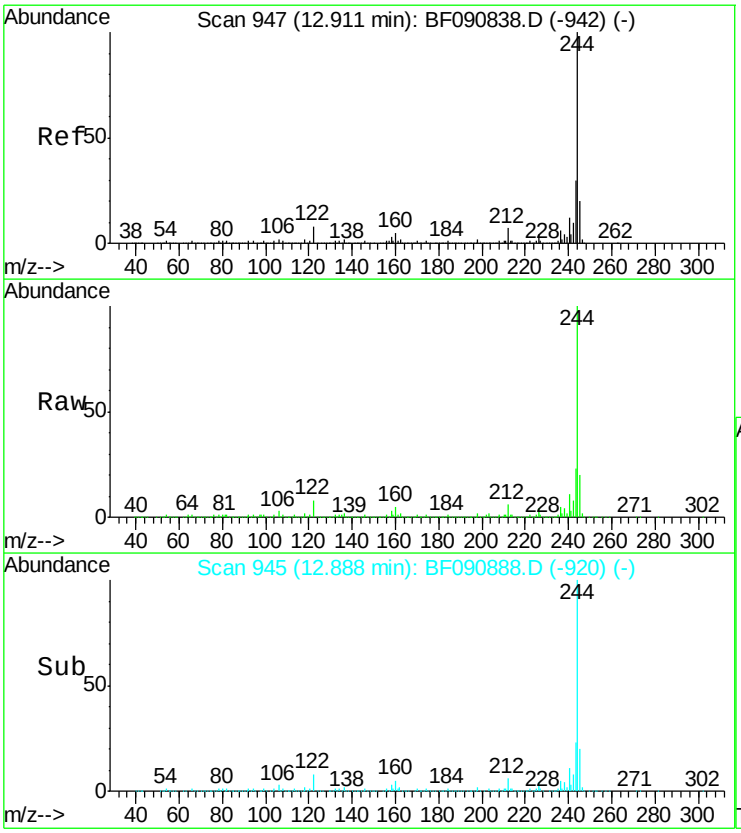
#77
Pyrene
Concen: 22.26 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:202 Resp: 486279

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	17.3	14.1	21.1

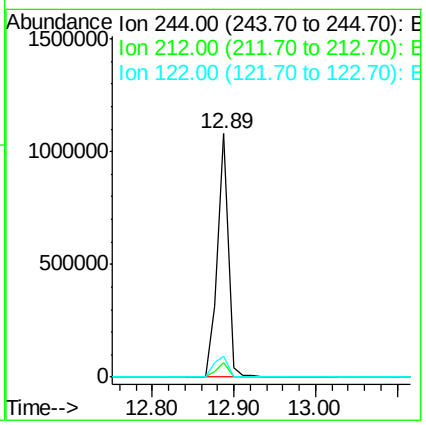


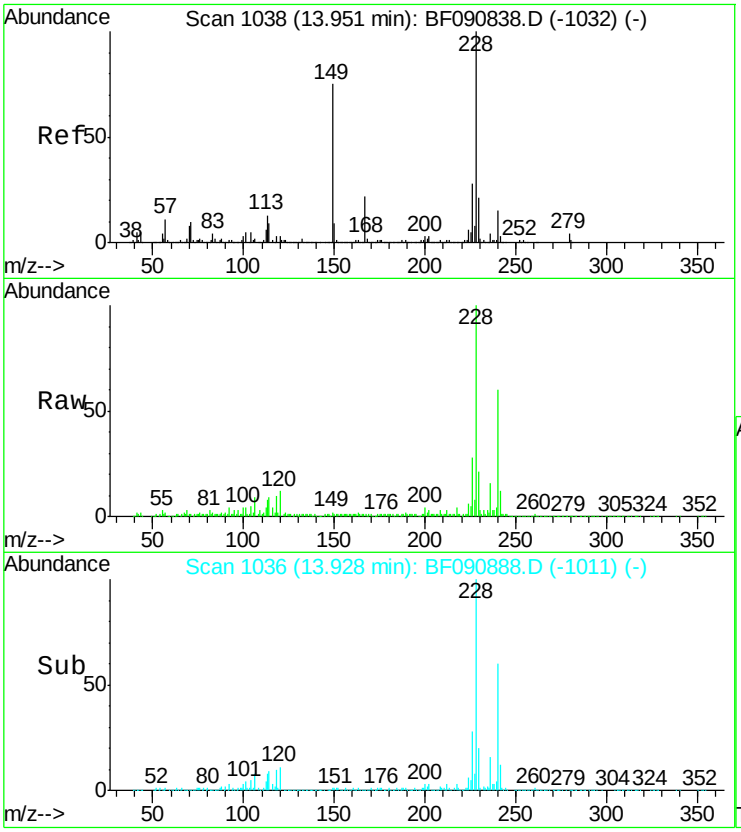


#78
Terphenyl-d14
Concen: 73.69 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:244 Resp: 1009687

Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.3	6.5
122	8.4	17.4	26.2#



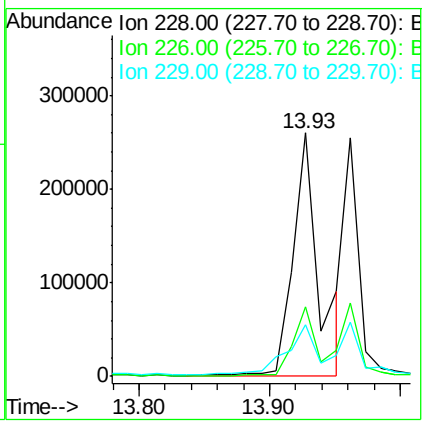


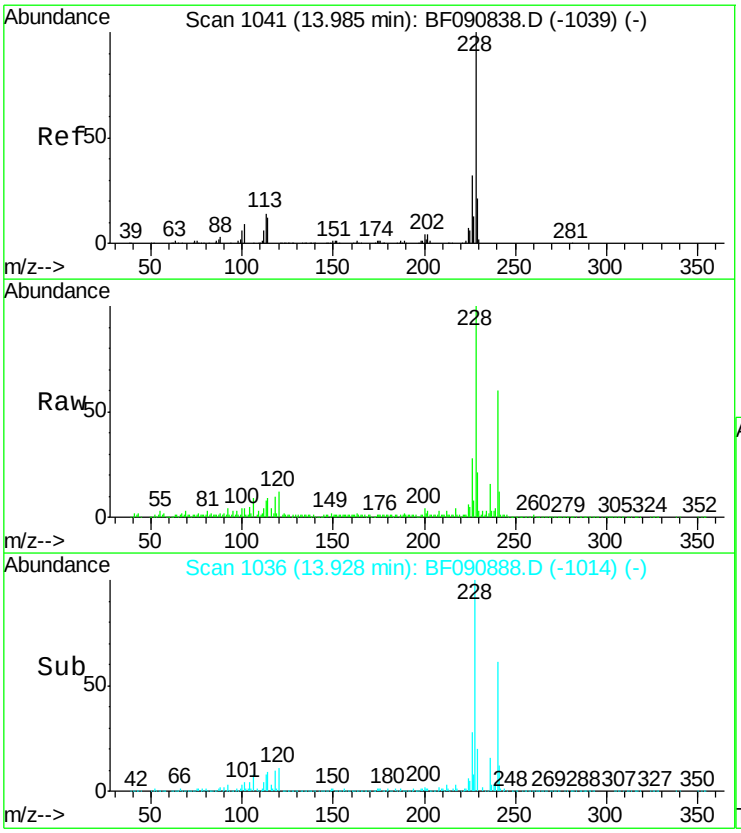
#80
Benzo(a)anthracene
Concen: 19.37 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:228 Resp: 354825

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	21.2	15.4	23.2

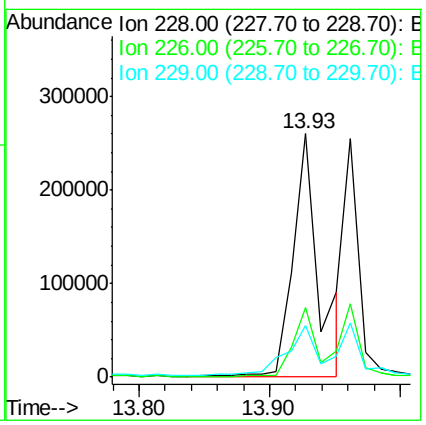


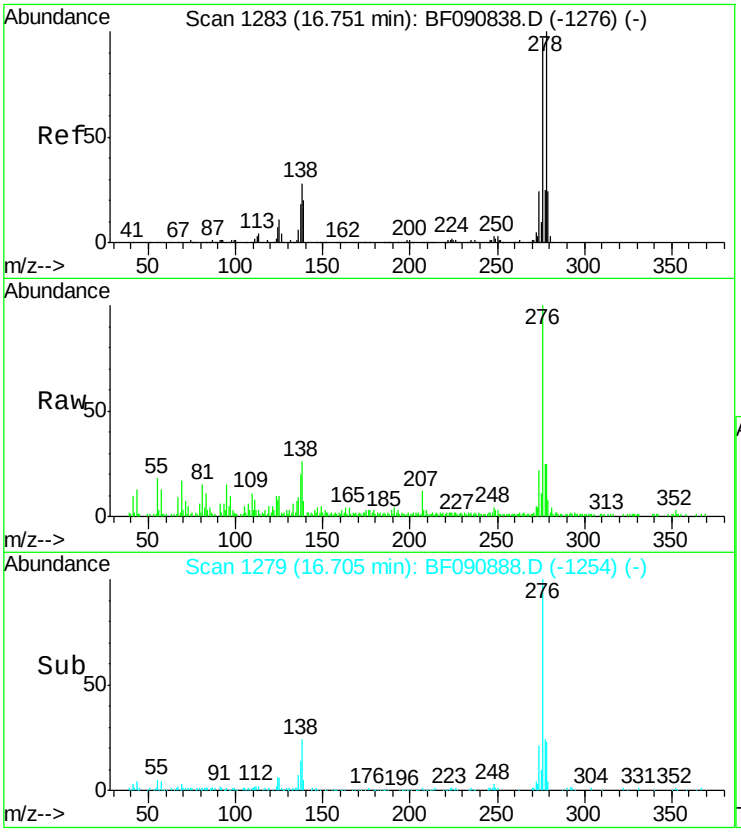


#82
Chrysene
Concen: 19.15 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:228 Resp: 354825

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.4
229	21.2	15.6	23.4



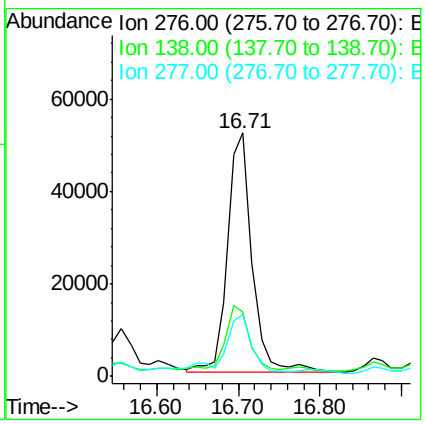


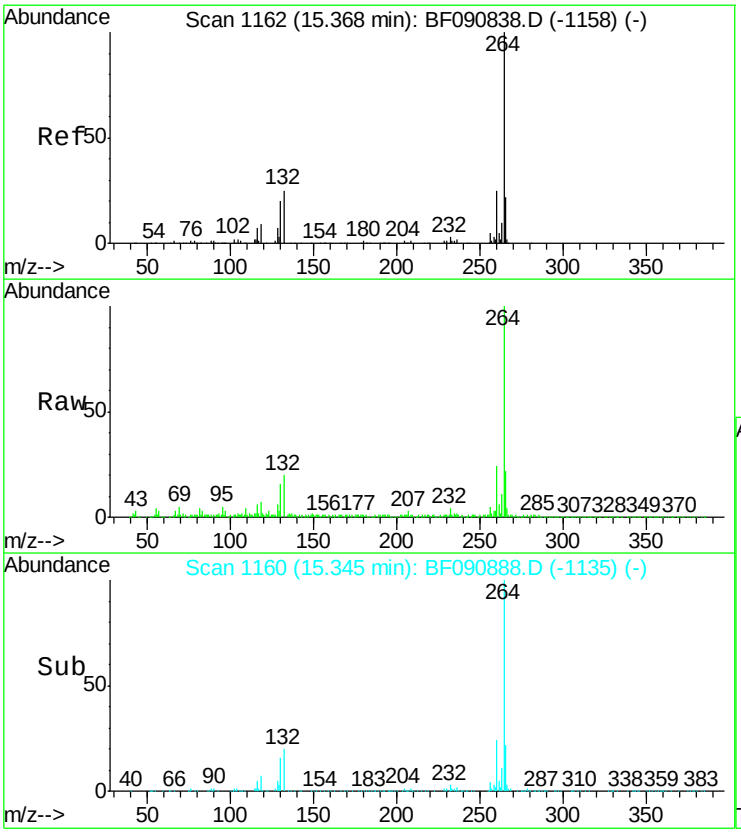
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.56 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:276 Resp: 107658

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.7	38.5
277	26.2	15.6	23.4#

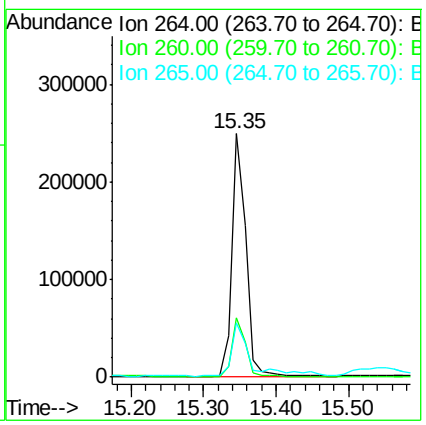


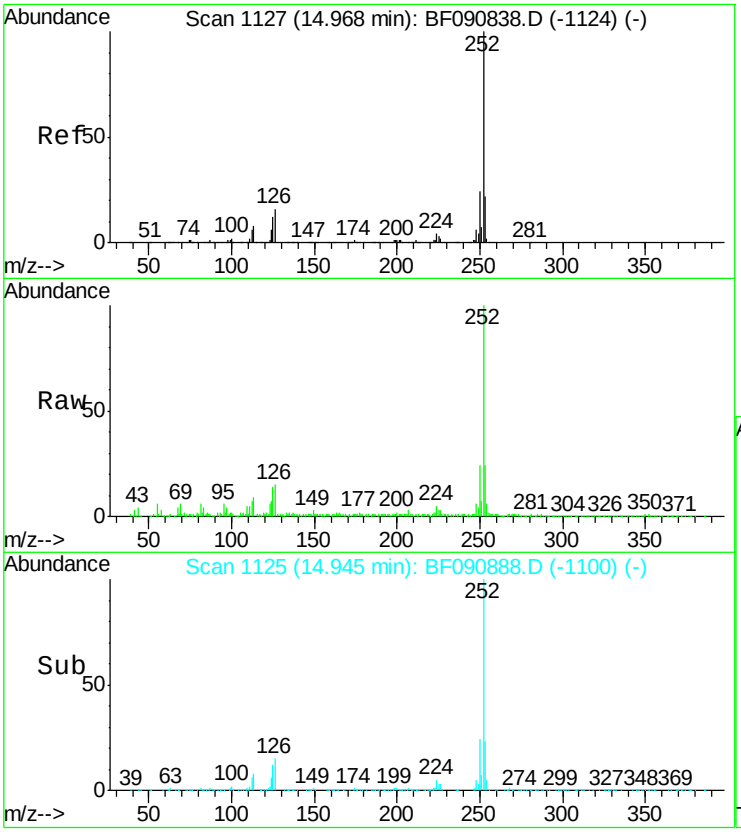


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:264 Resp: 332060

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.5	17.2	25.8



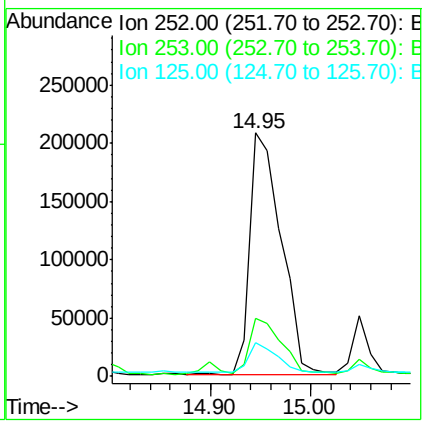


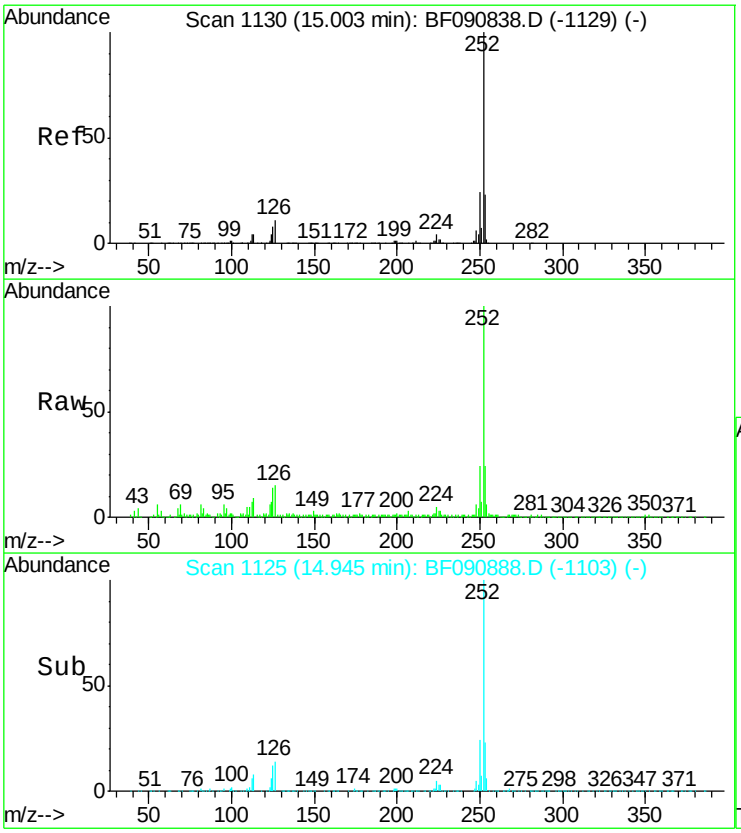
#87
Benzo(b)fluoranthene
Concen: 20.10 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:252 Resp: 448858

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.6	17.1	25.7#

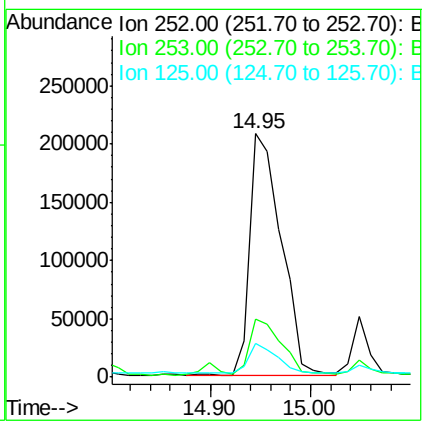


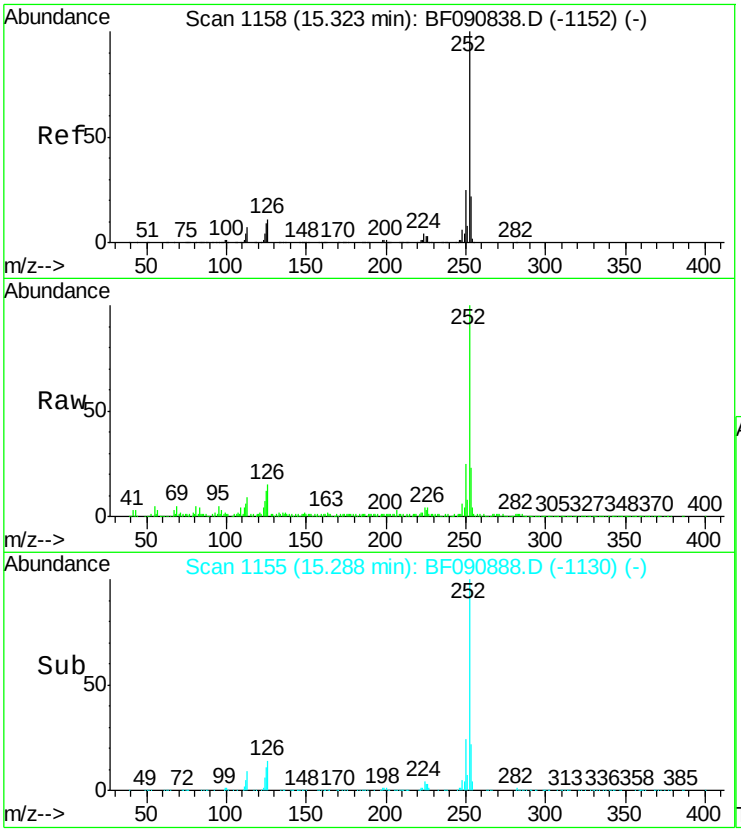


#88
Benzo(k)fluoranthene
Concen: 25.44 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.05 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:252 Resp: 448858

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	13.6	16.0	24.0#



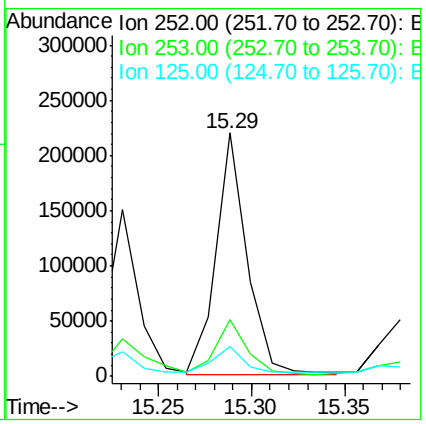


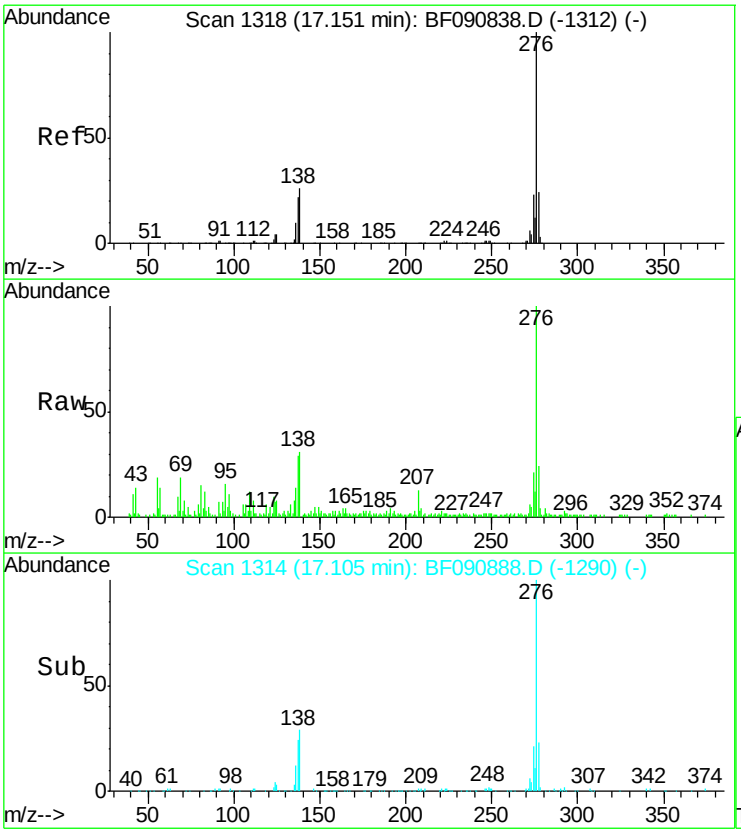
#89
Benzo(a)pyrene
Concen: 13.30 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

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

Tgt Ion:252 Resp: 255117

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.3	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 6.19 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF090888.D
Acq: 28 Oct 2016 1:08

Tgt Ion:276 Resp: 94619

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	30.8	34.6	51.8#