Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090964.D
Acq On : 1 Nov 2016 21:22
Operator : UM/SJ
Sample : H5463-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(0-2)

Quant Time: Nov 01 23:56:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176163	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	761565	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	407907	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	586752	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	372560	20.00	ng		-0.01
86) Perylene-d12	15.29	264	319653	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1198418	118.94	ng		0.00
7) Phenol-d6	6.38	99	1653160	121.62	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1023552	87.98	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	338036	80.64	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1630262	70.18	ng		-0.01
78) Terphenyl-d14	12.84	244	1128559	76.32	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.40	94	73590	4.91	ng	#	69
15) Benzyl Alcohol	6.89	79	17966	2.01	ng	#	30
19) n-Nitroso-di-n-propylamine	7.30	70	140538	17.88	ng	#	55
25) Isophorone	7.30	82	918761	38.92	ng	#	59
31) Naphthalene	8.04	128	81163	2.28	ng		99
49) Dimethylphthalate	9.49	163	321838	11.81	ng	#	97
56) 2,4-Dinitrotoluene	9.78	165	55511	7.42	ng	#	33
66) 4-Bromophenyl-phenylether	10.57	248	22058	3.43	ng	#	1
70) Phenanthrene	11.28	178	243320	8.14	ng		96
74) Fluoranthene	12.47	202	348095	10.64	ng		95
77) Pyrene	12.69	202	289578	12.28	ng		97
80) Benzo(a)anthracene	13.88	228	164973	8.34	ng	#	90
82) Chrysene	13.88	228	164973	8.25	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.61	276	57777	3.26	ng	#	89
87) Benzo(b)fluoranthene	14.90	252	185475	8.63	ng	#	94
88) Benzo(k)fluoranthene	14.90	252	185475	10.92	ng		94
89) Benzo(a)pyrene	15.17	252	62684	3.39	ng		98
91) Benzo(g,h,i)perylene	17.01	276	50387	3.42	ng	#	83

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

Quantitation Report (Not Reviewed)

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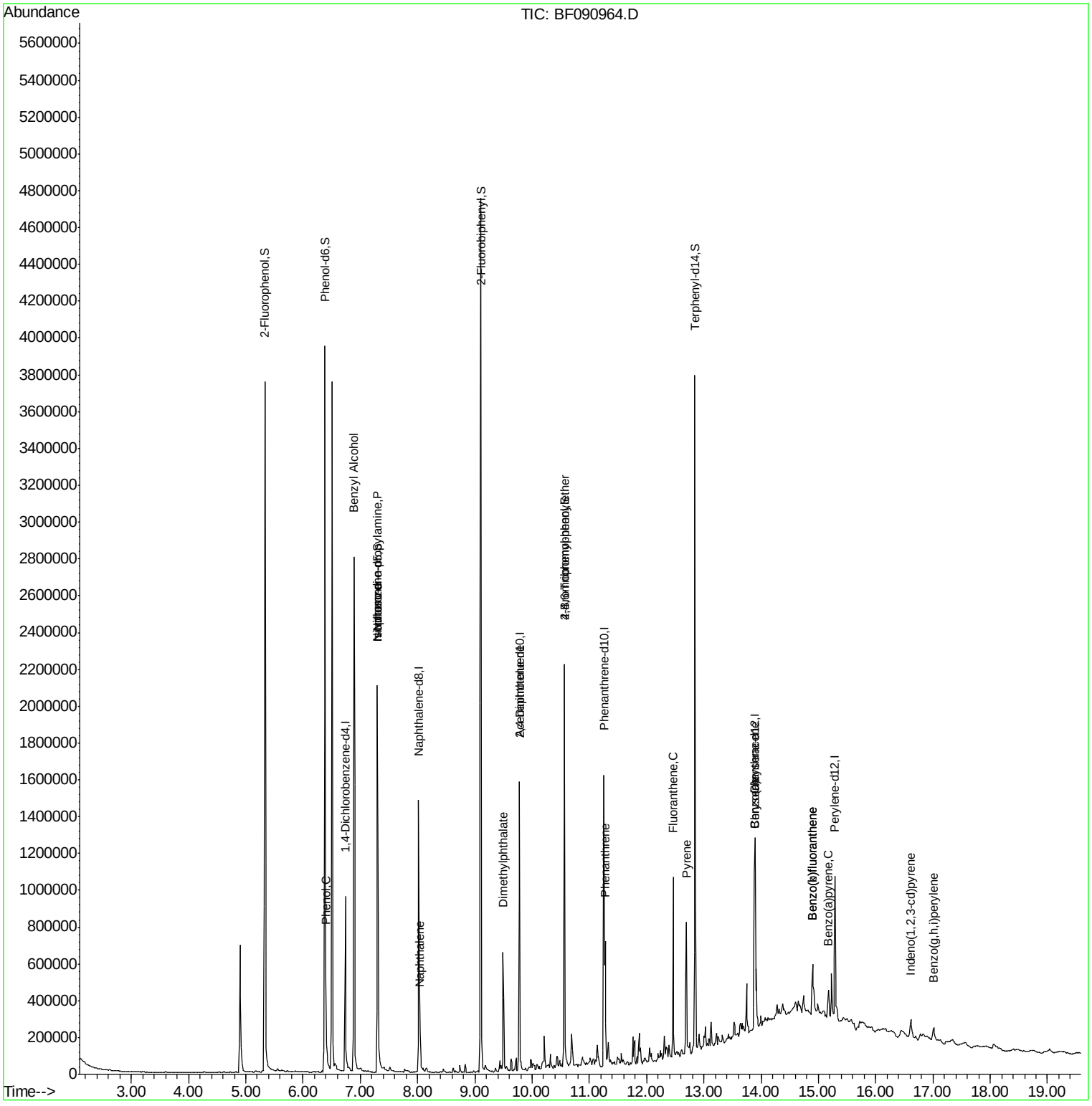
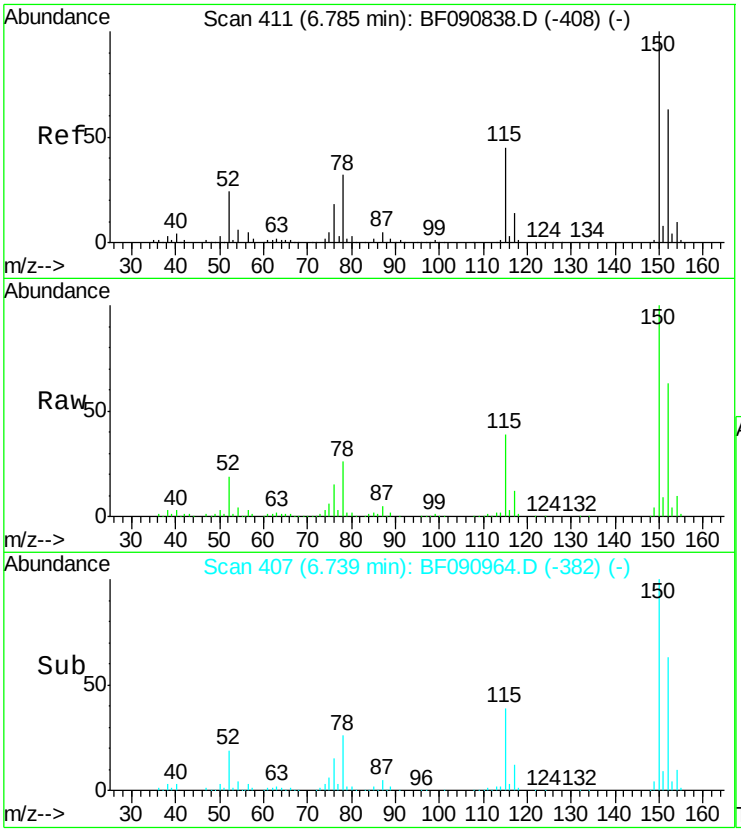


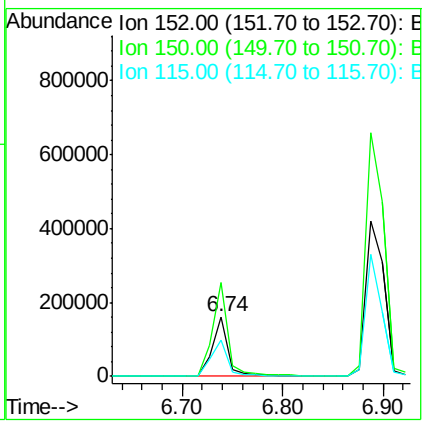


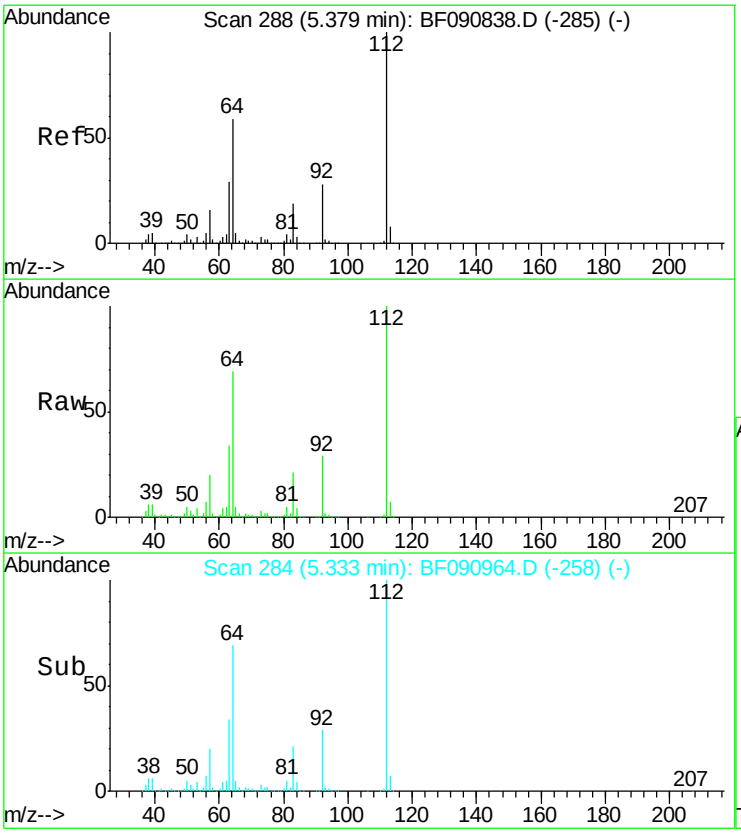
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:152 Resp: 176163

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	60.7	39.0	58.4#

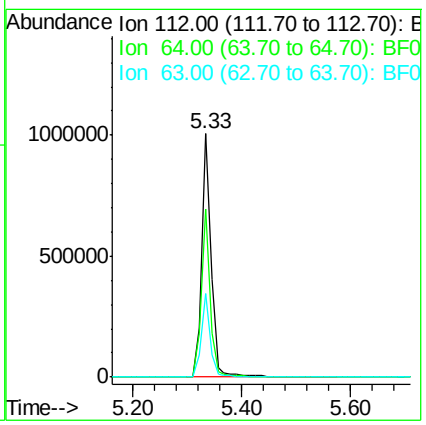


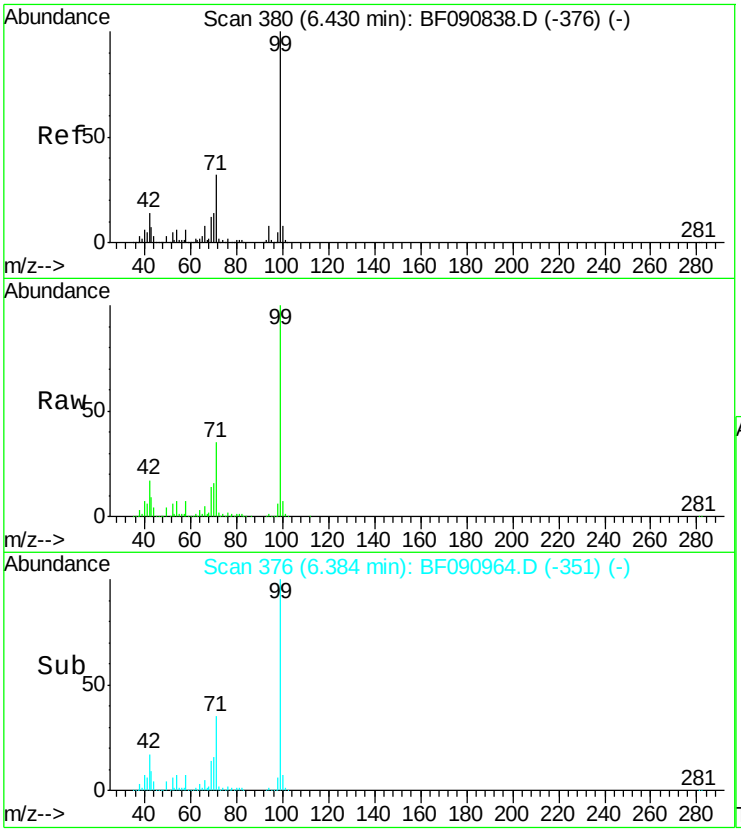


#5
2-Fluorophenol
Concen: 118.94 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:112 Resp: 1198418

Ion	Ratio	Lower	Upper
112	100		
64	69.2	39.7	59.5#
63	34.3	17.4	26.0#



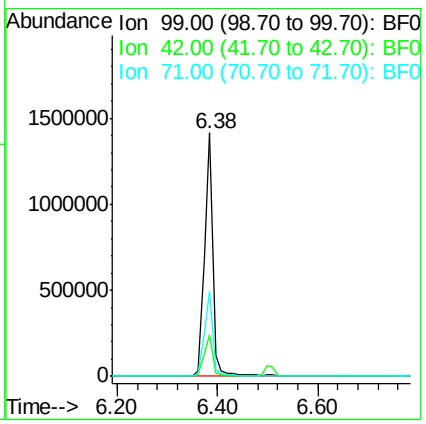


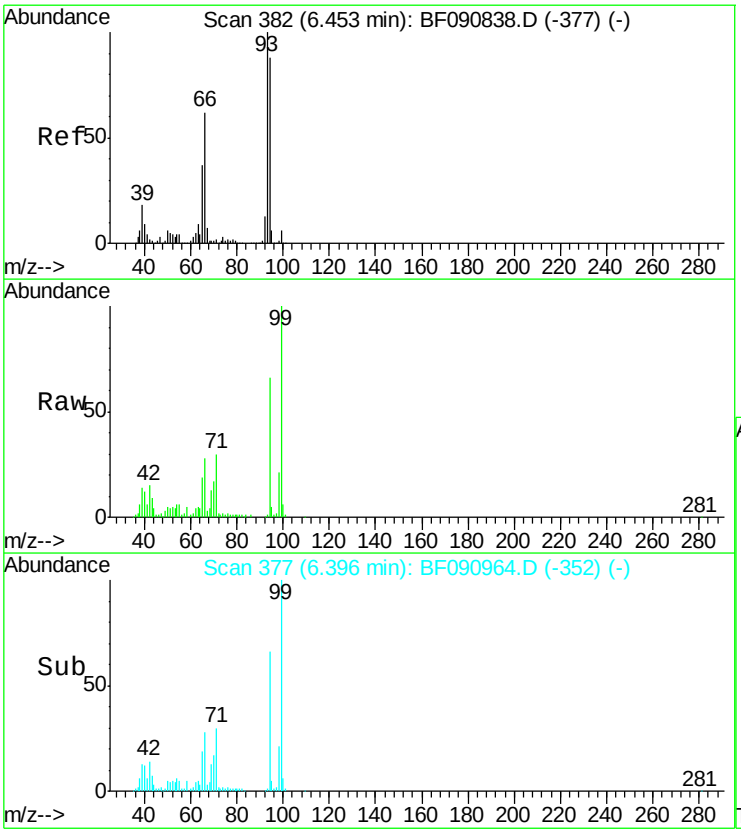
#7
Phenol-d6
Concen: 121.62 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 99 Resp: 1653160

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.7	20.5
71	35.1	14.2	21.2#

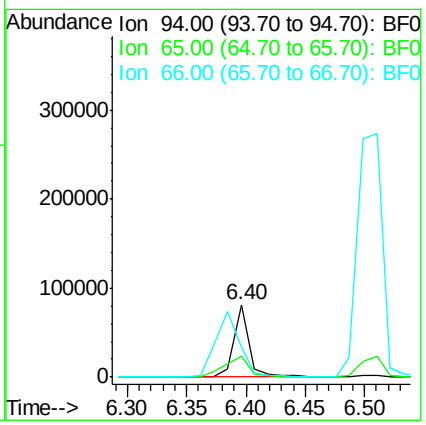


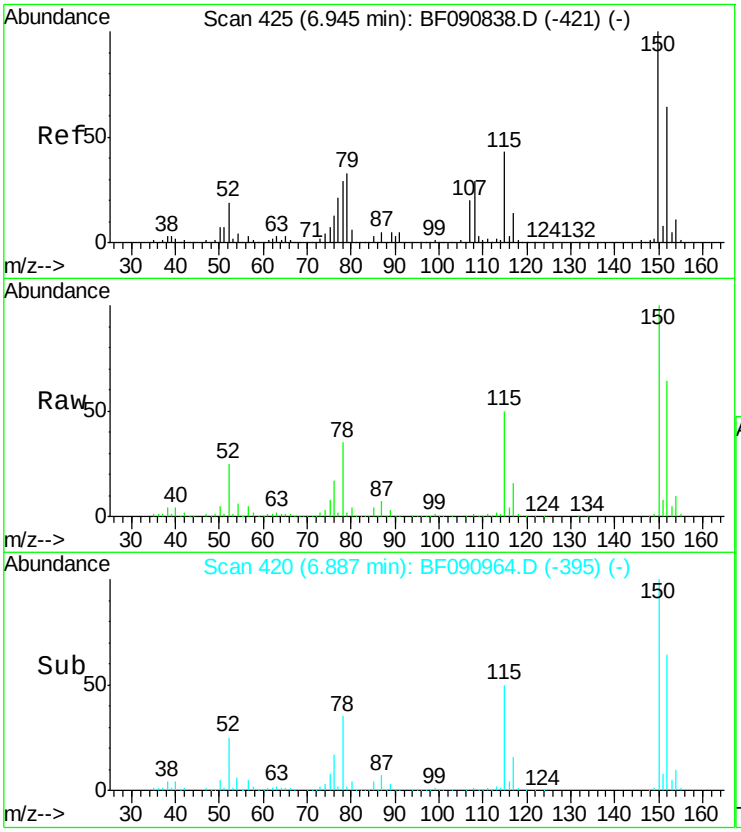


#10
Phenol
Concen: 4.91 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion: 94 Resp: 73590

Ion	Ratio	Lower	Upper
94	100		
65	28.6	0.7	40.7
66	41.9	0.8	40.8#



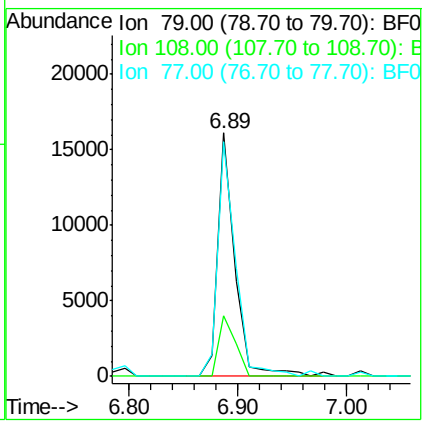


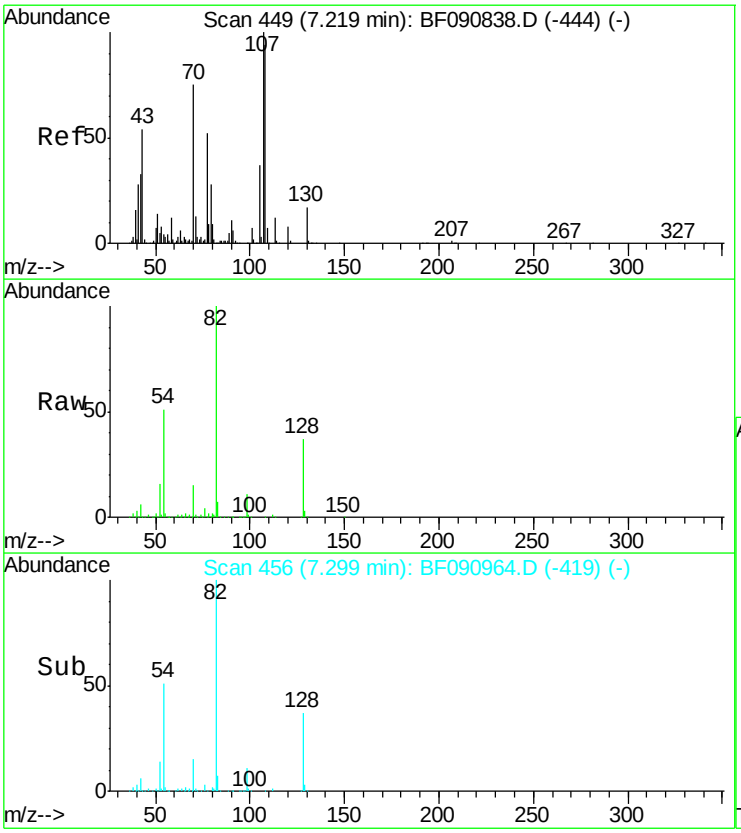
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 79 Resp: 17966

Ion	Ratio	Lower	Upper
79	100		
108	25.0	88.6	132.8#
77	96.5	47.0	70.4#

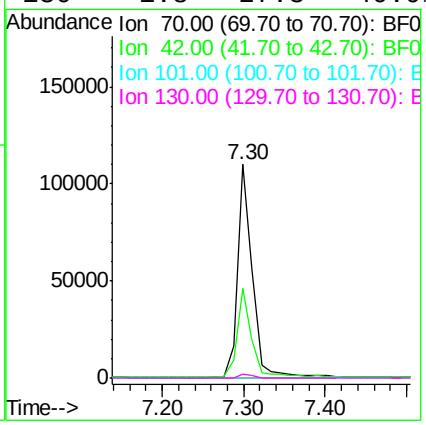


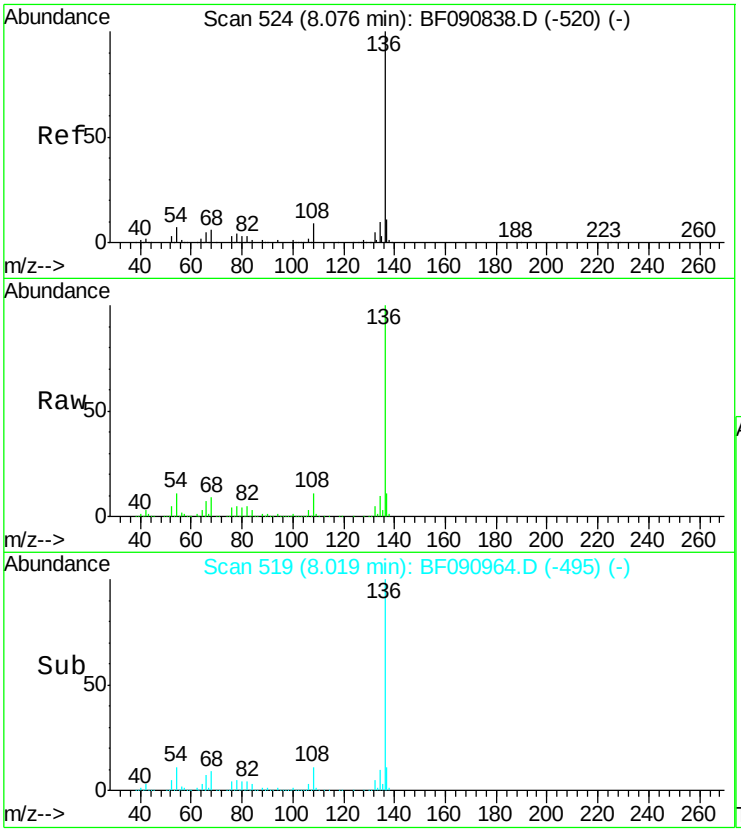


#19
n-Nitroso-di-n-propylamine
Concen: 17.88 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion: 70 Resp: 140538

Ion	Ratio	Lower	Upper
70	100		
42	42.0	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#



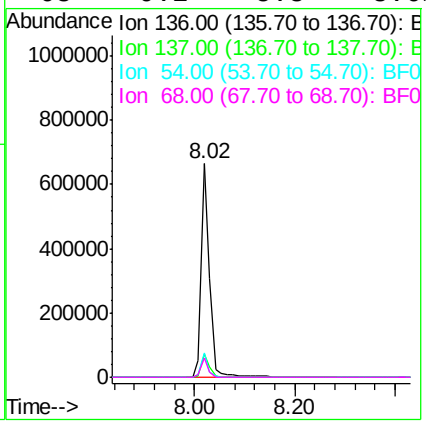


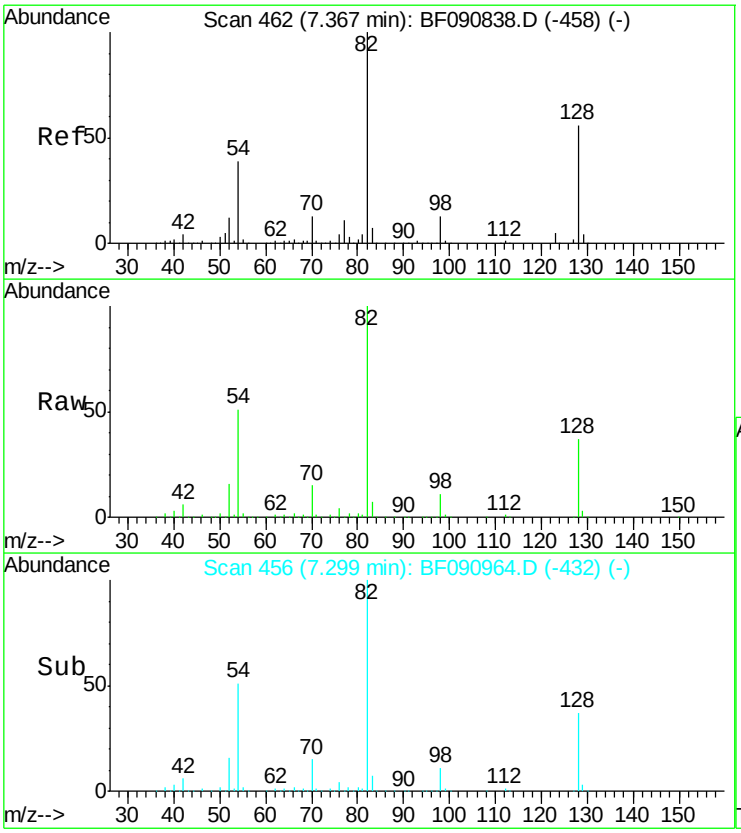
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:136 Resp: 761565

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.3	8.2	12.2
68	9.2	5.8	8.6#

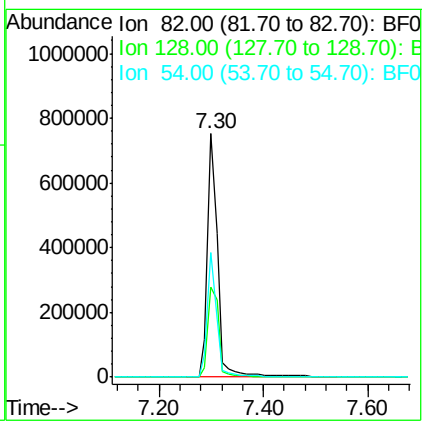


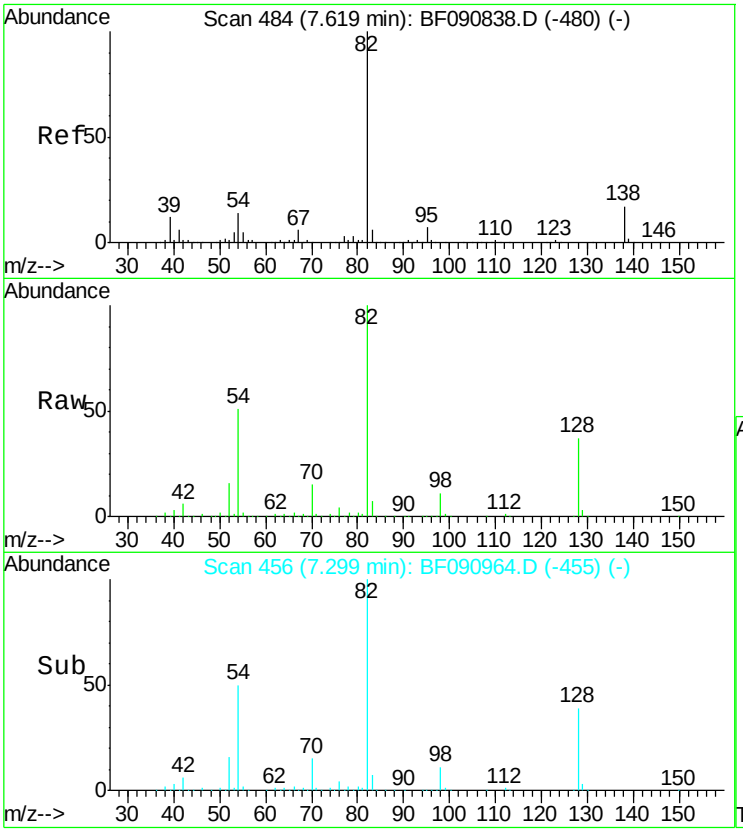


#23
Nitrobenzene-d5
Concen: 87.98 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion: 82 Resp: 1023552

Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	51.4	47.5	71.3



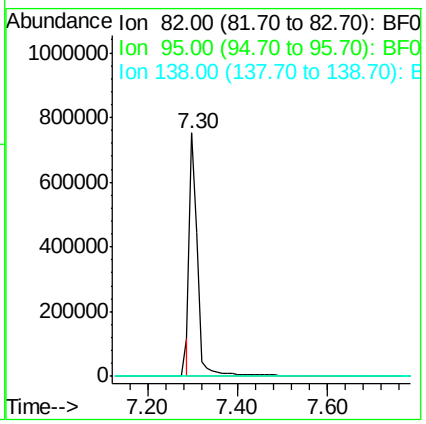


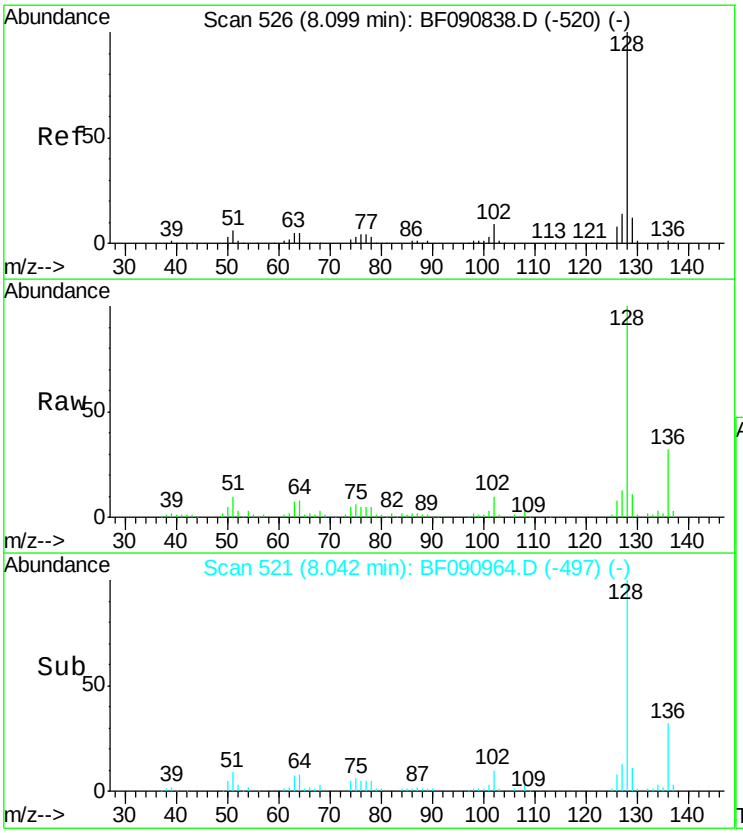
#25
Isophorone
Concen: 38.92 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.29 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion: 82 Resp: 918761

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

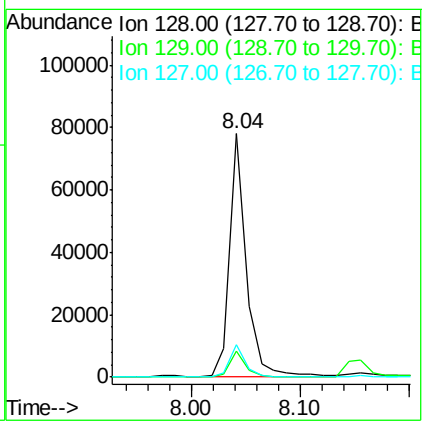


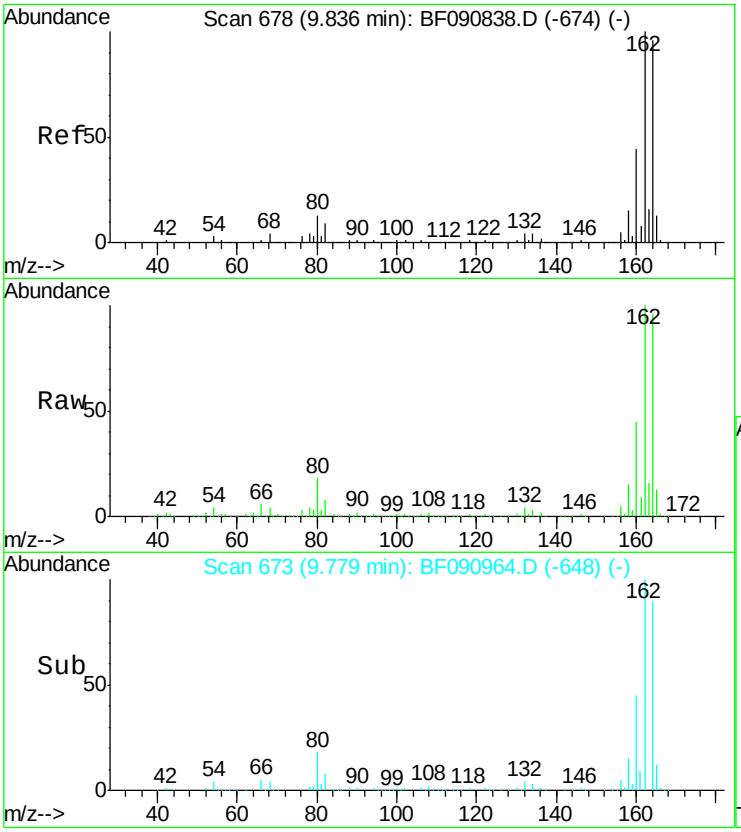


#31
Naphthalene
Concen: 2.28 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:128 Resp: 81163

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.1	9.9	14.9



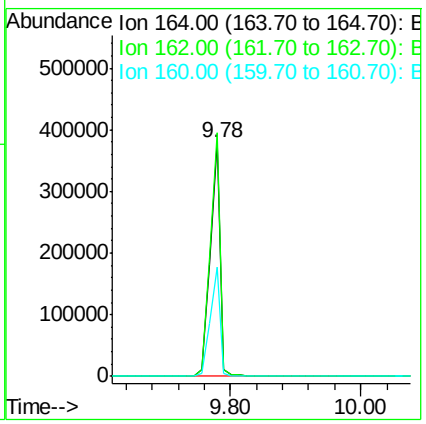


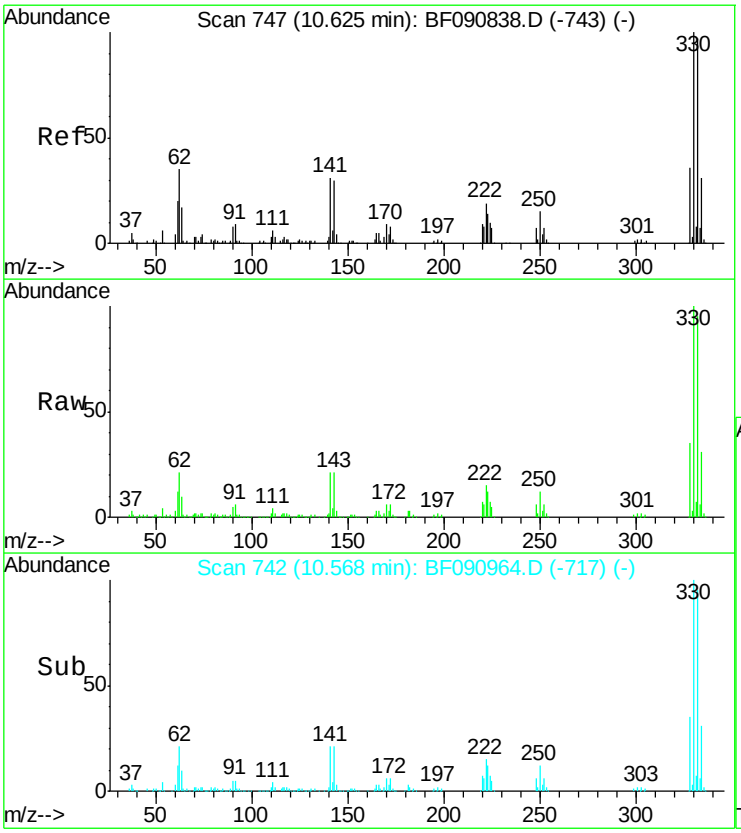
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:164 Resp: 407907

Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	46.8	31.5	47.3

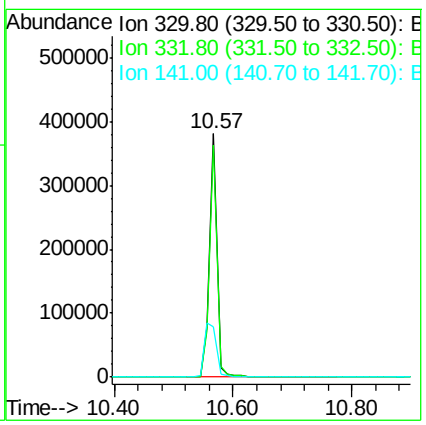


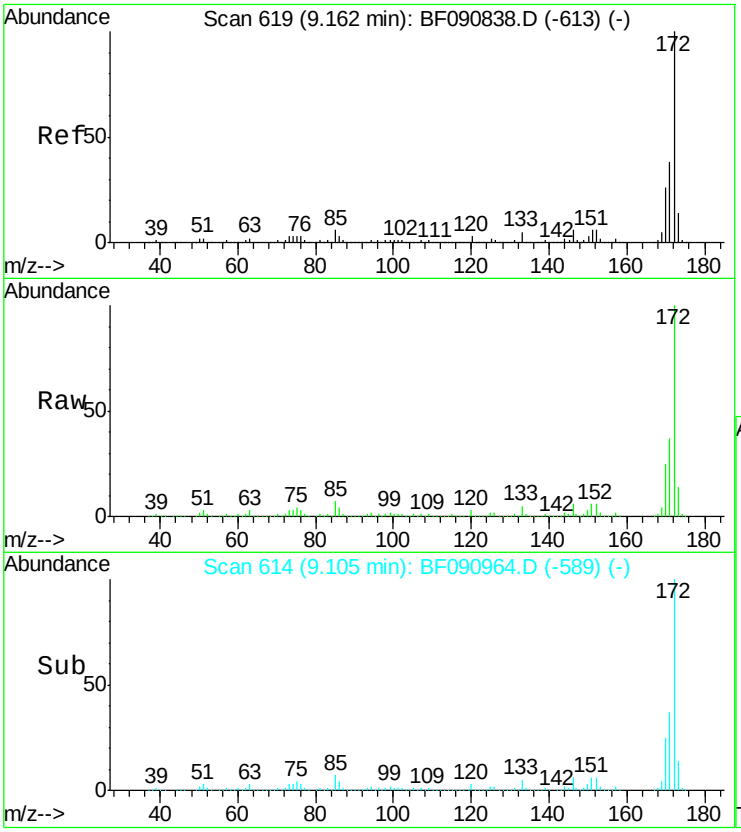


#41
2,4,6-Tribromophenol
Concen: 80.64 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:330 Resp: 338036

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	35.4	29.7	44.5



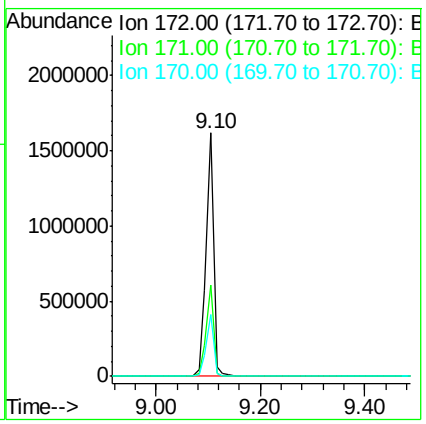


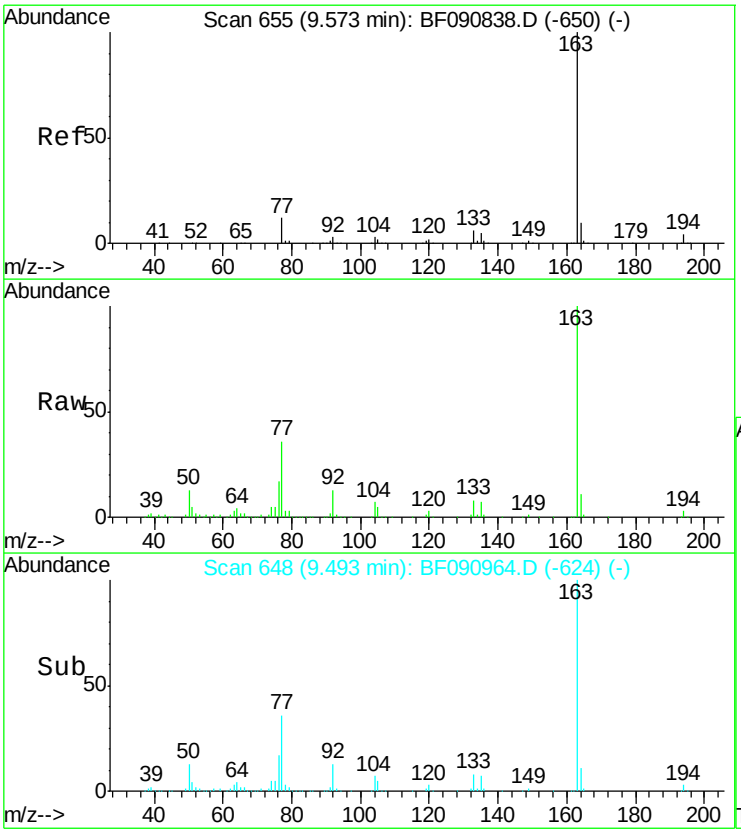
#44
2-Fluorobiphenyl
Concen: 70.18 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:172 Resp: 1630262

Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.3	17.4	26.2

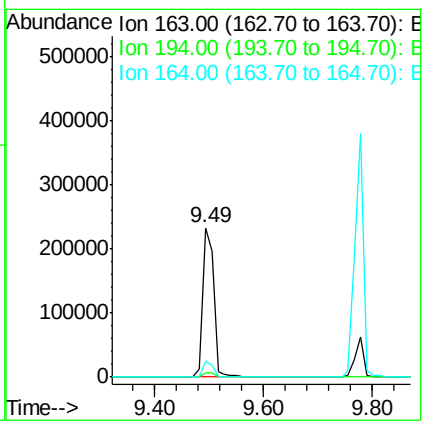


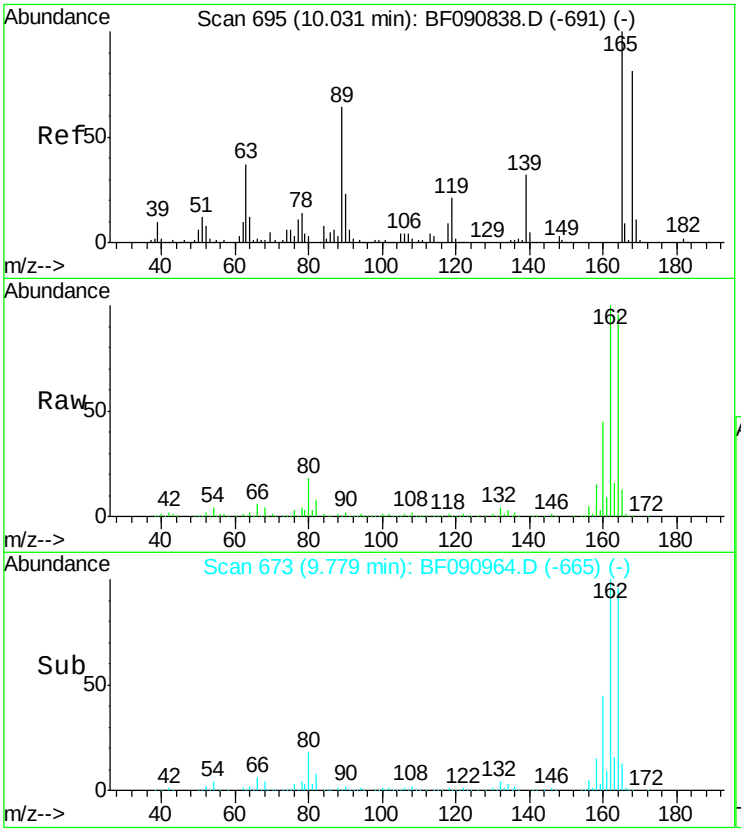


#49
Dimethylphthalate
Concen: 11.81 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:163 Resp: 321838

Ion	Ratio	Lower	Upper
163	100		
194	2.6	4.4	6.6#
164	10.6	8.3	12.5



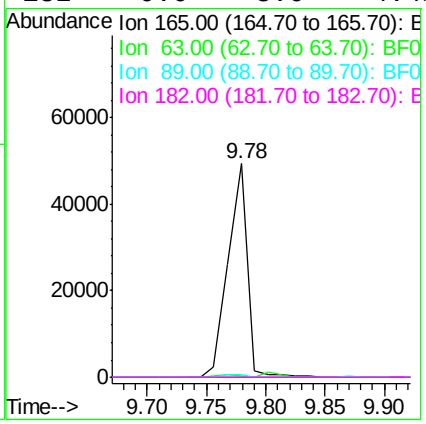


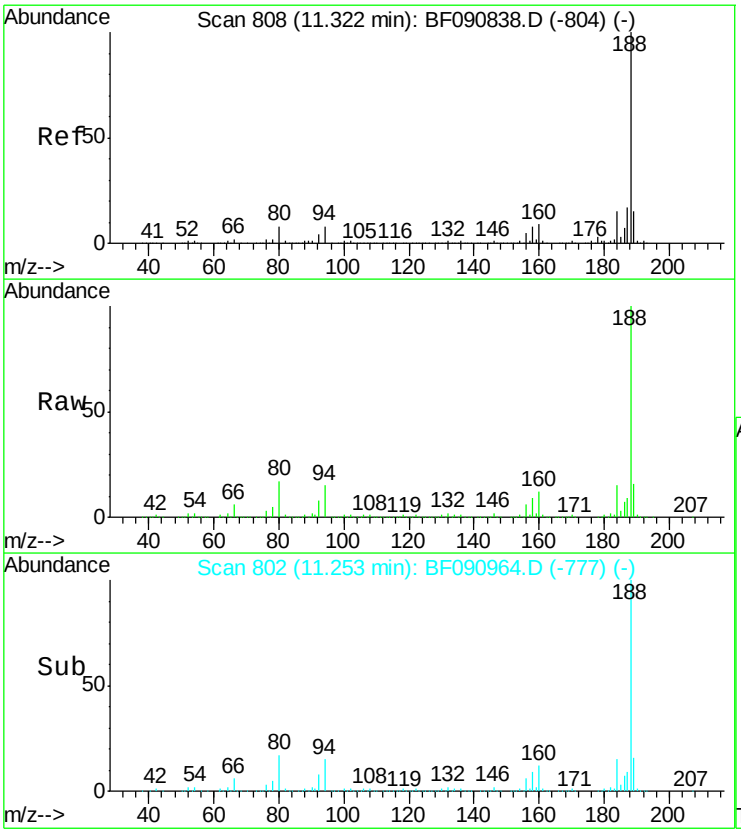
#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:165 Resp: 55511

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

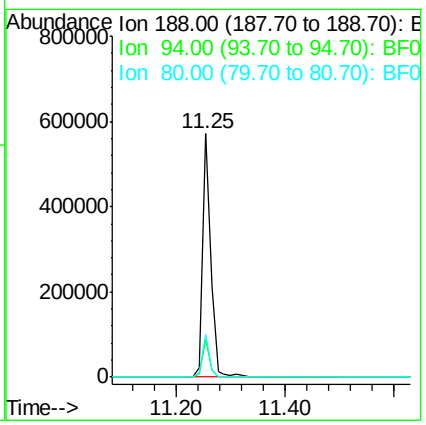


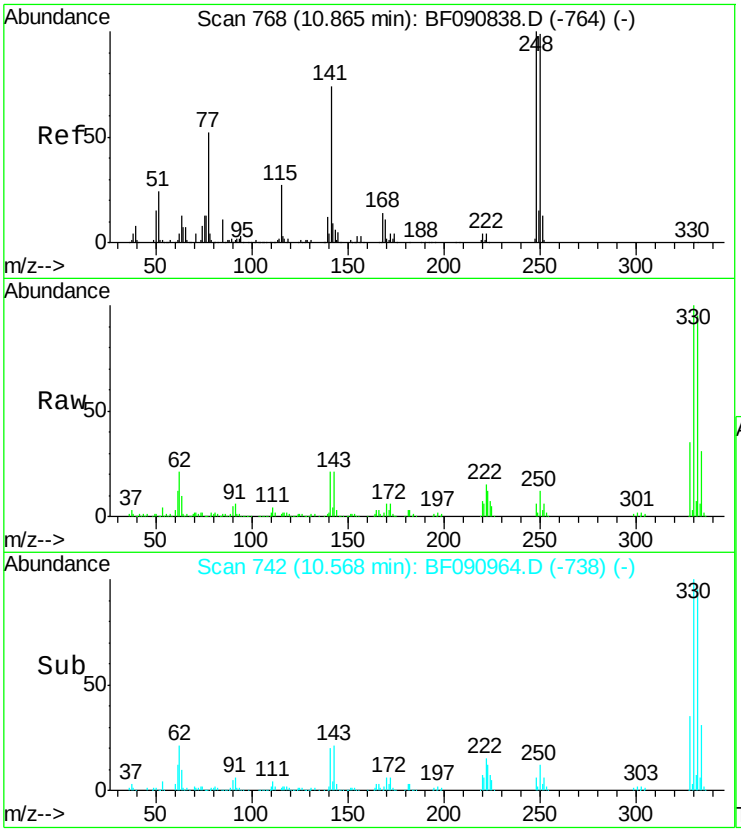


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:188 Resp: 586752

Ion	Ratio	Lower	Upper
188	100		
94	15.3	11.1	16.7
80	17.5	11.0	16.4#



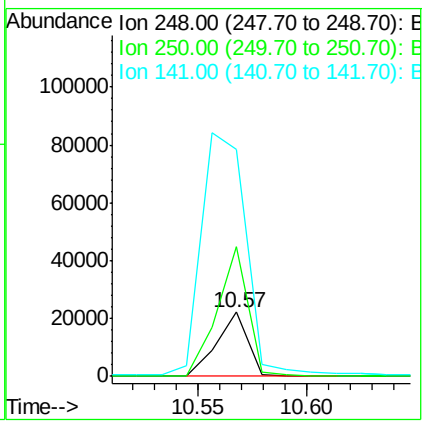


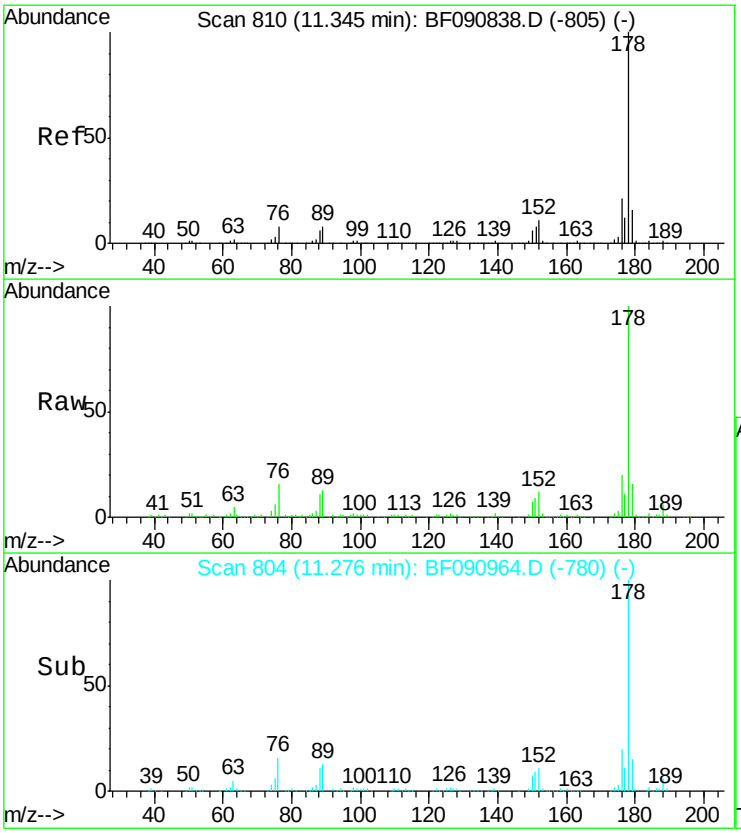
#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:248 Resp: 22058

Ion	Ratio	Lower	Upper
248	100		
250	201.5	78.5	117.7#
141	353.2	59.0	88.6#

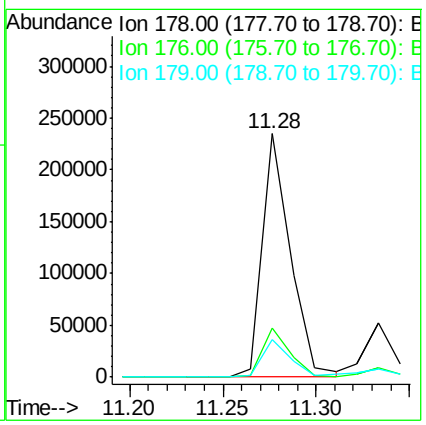


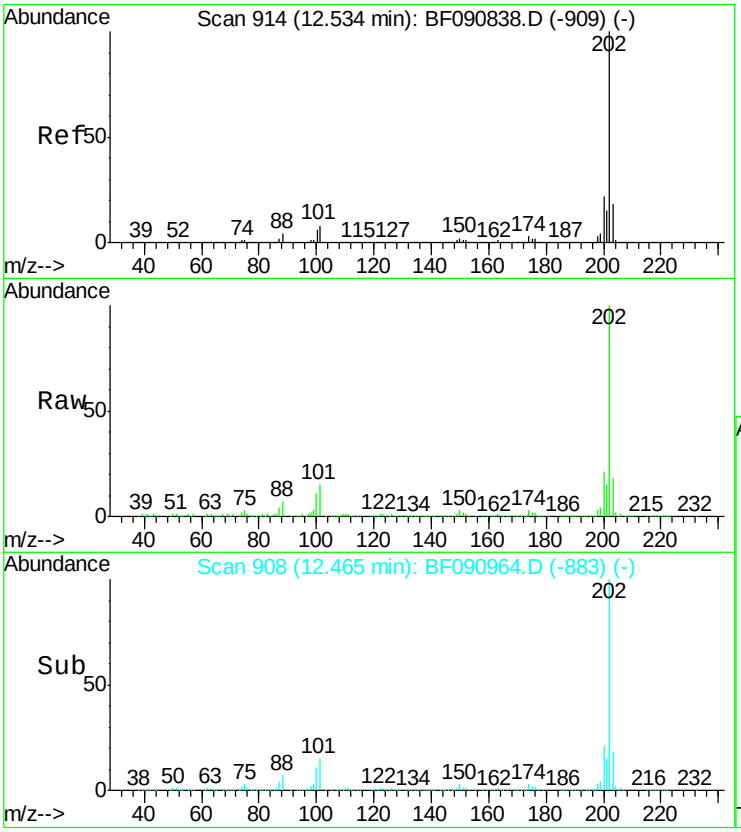


#70
Phenanthrene
Concen: 8.14 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:178 Resp: 243320

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.5	12.2	18.2



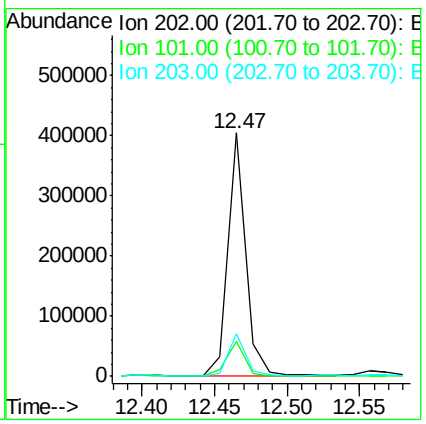


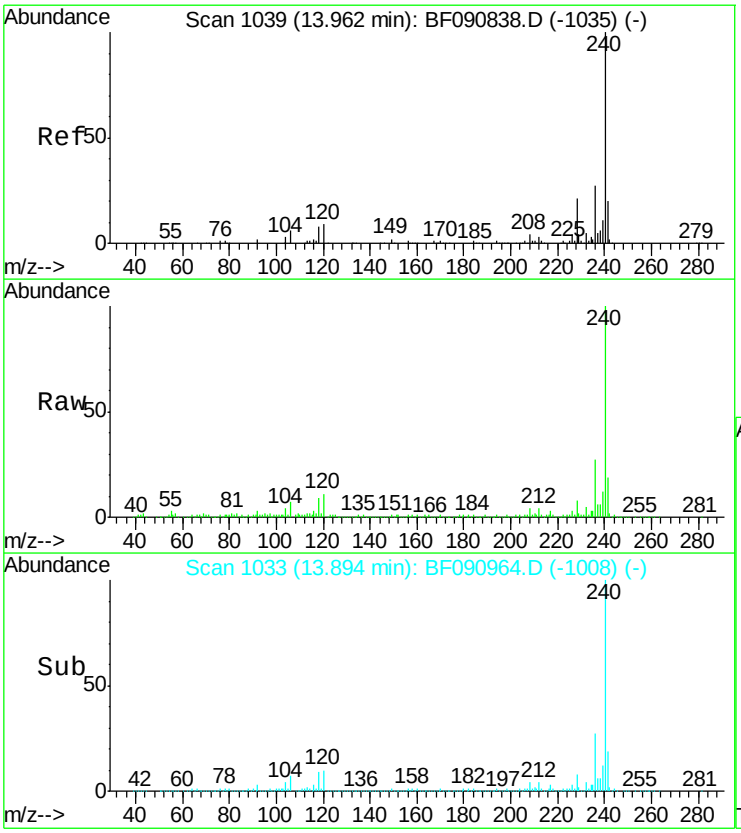
#74
Fluoranthene
Concen: 10.64 ng
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:202 Resp: 348095

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	38.3
203	17.8	0.0	37.3

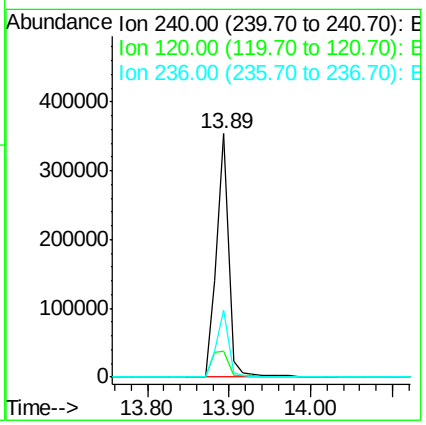


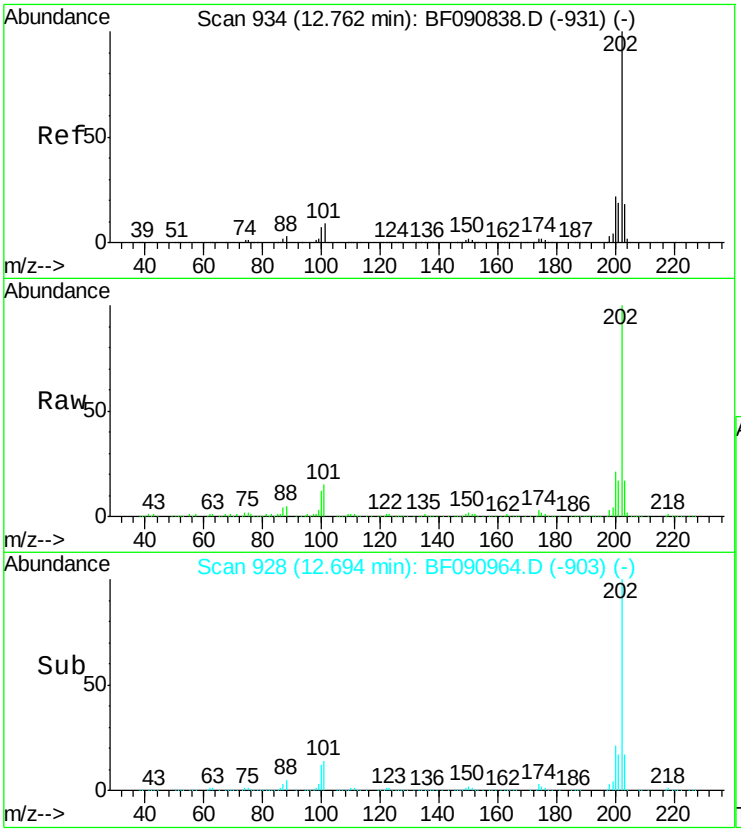


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:240 Resp: 372560

Ion	Ratio	Lower	Upper
240	100		
120	10.7	16.2	24.2#
236	27.4	18.4	27.6



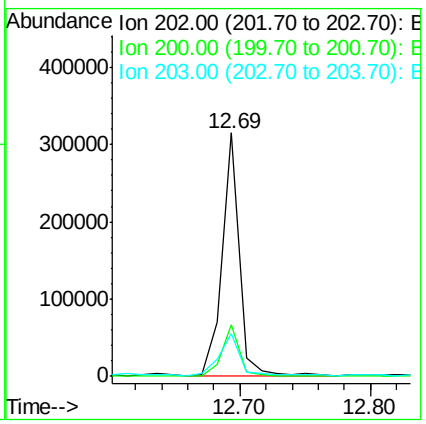


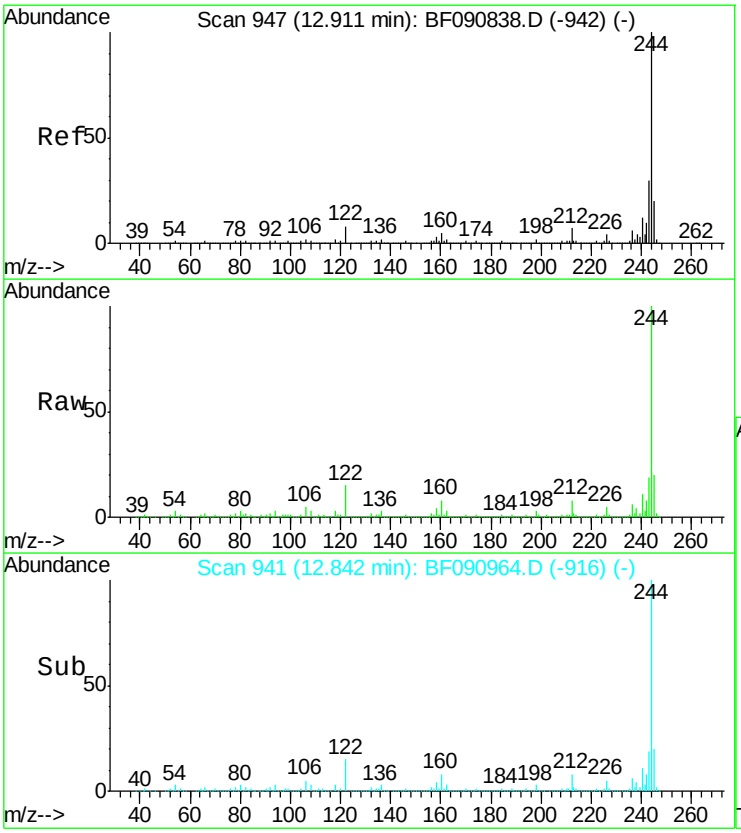
#77
Pyrene
Concen: 12.28 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:202 Resp: 289578

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.0	22.4
203	17.4	14.1	21.1

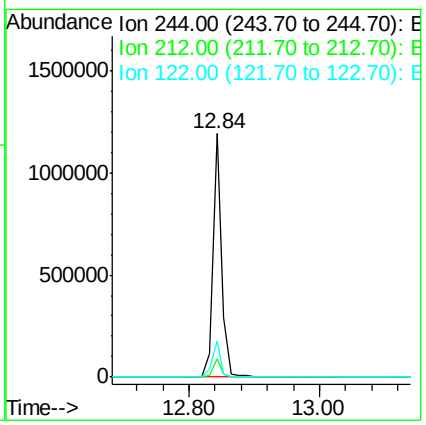


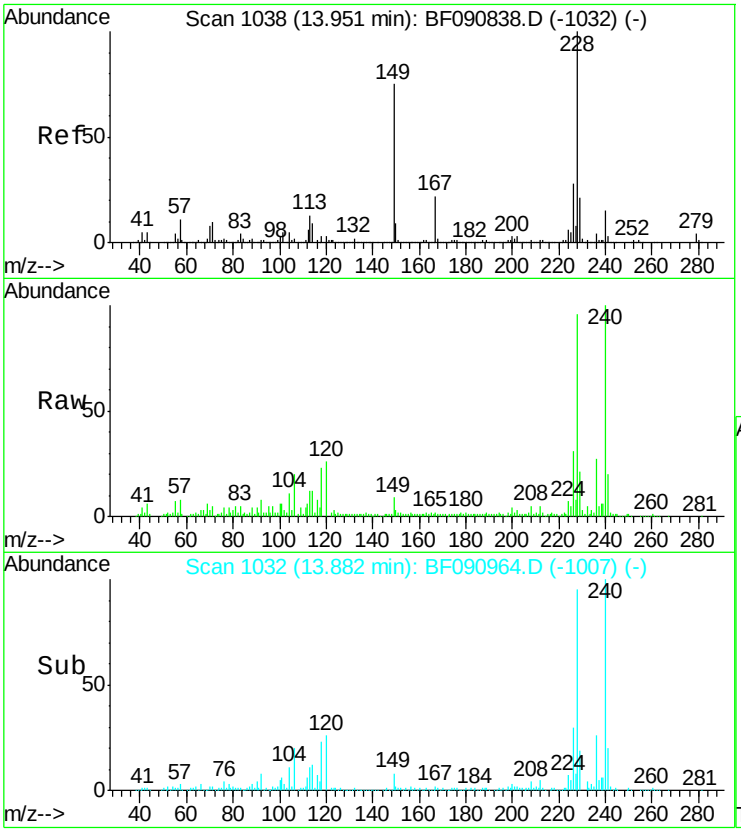


#78
Terphenyl-d14
Concen: 76.32 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:244 Resp: 1128559

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	14.9	17.4	26.2#



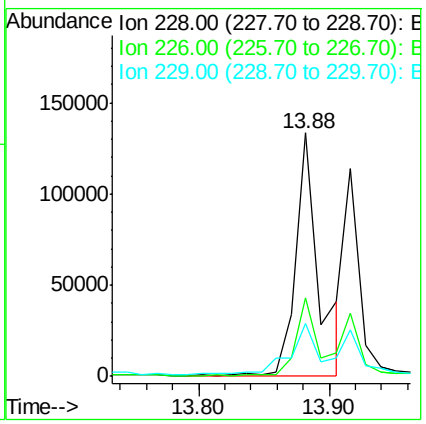


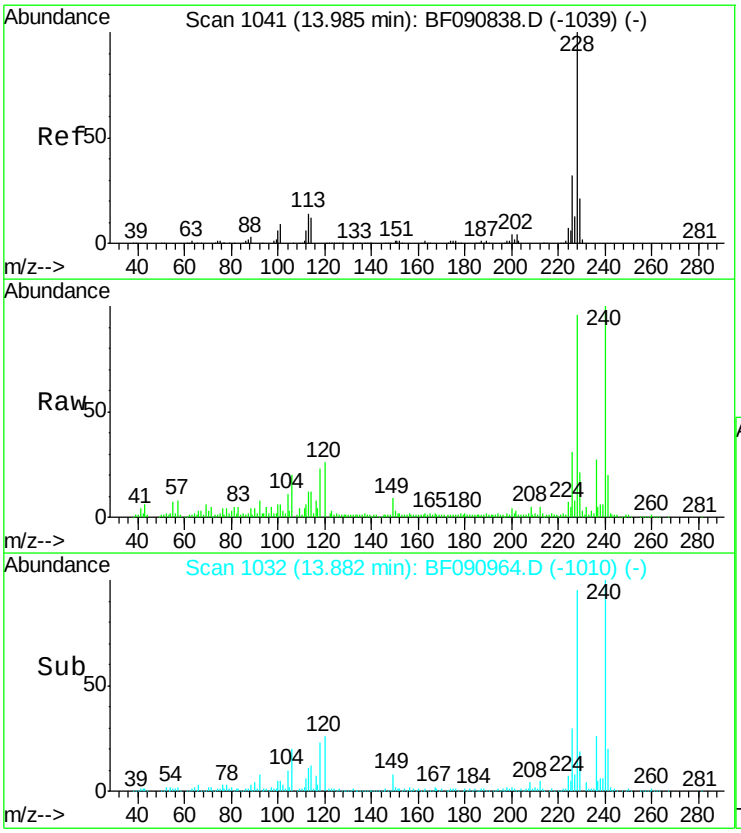
#80
Benzo(a)anthracene
Concen: 8.34 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:228 Resp: 164973

Ion	Ratio	Lower	Upper
228	100		
226	32.4	20.0	30.0#
229	21.6	15.4	23.2

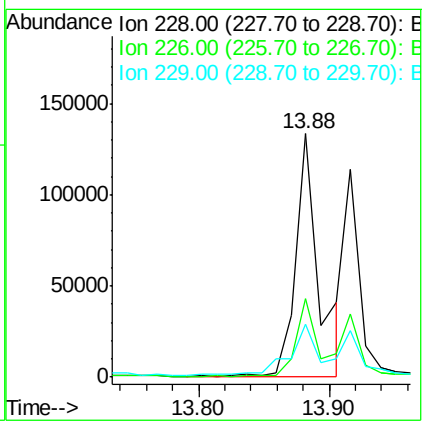


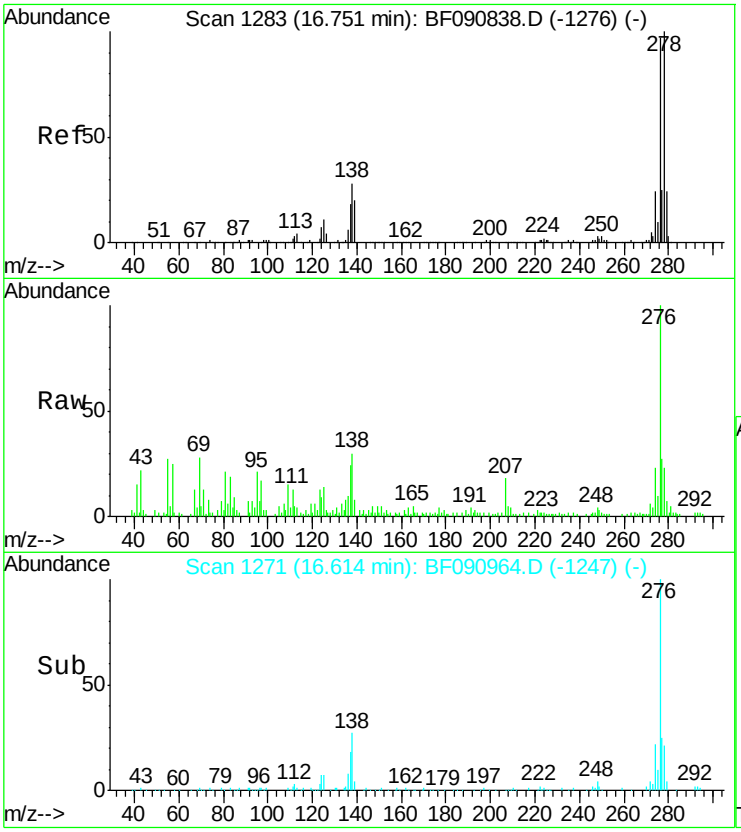


#82
Chrysene
Concen: 8.25 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:228 Resp: 164973

Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.0	31.4#
229	21.6	15.6	23.4



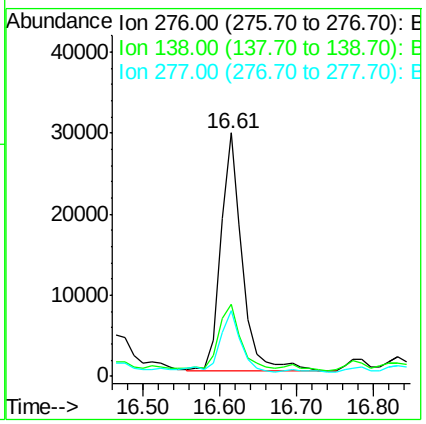


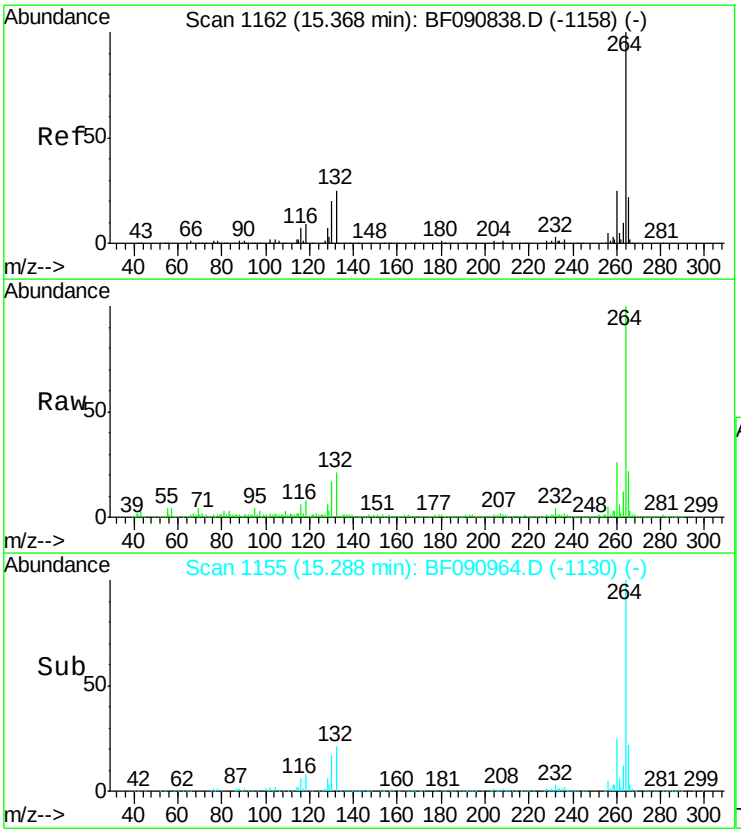
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.26 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:276 Resp: 57777

Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.7	38.5
277	24.8	15.6	23.4#

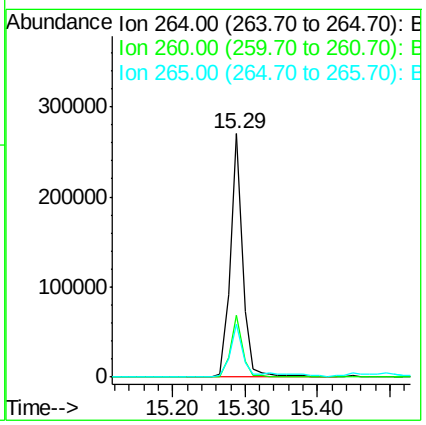


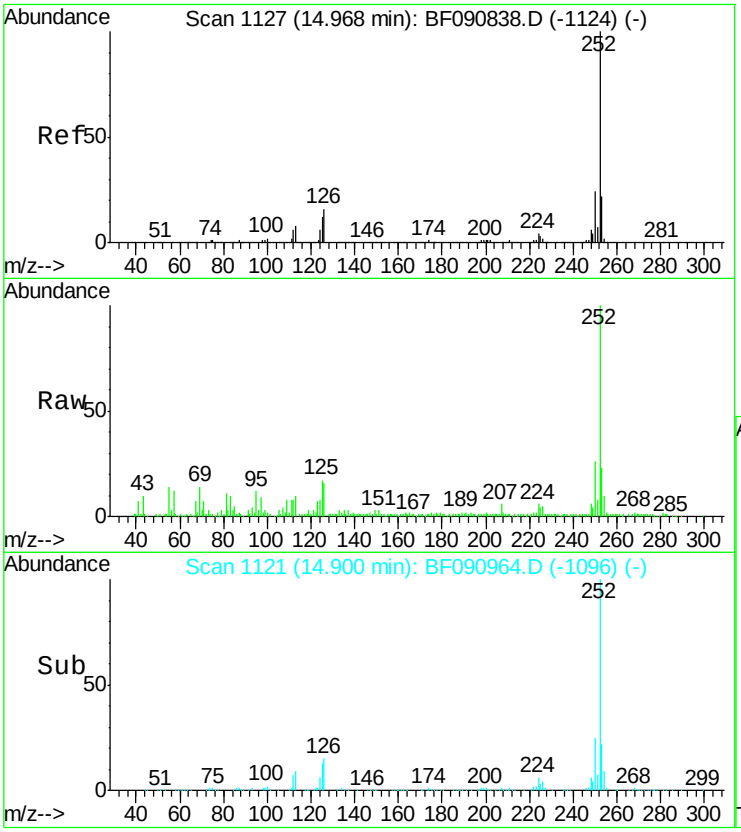


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:264 Resp: 319653

Ion	Ratio	Lower	Upper
264	100		
260	25.6	16.7	25.1#
265	21.7	17.2	25.8



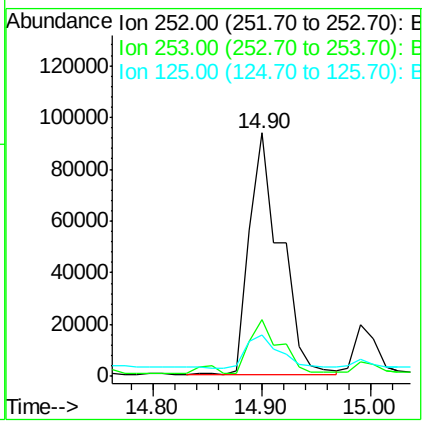


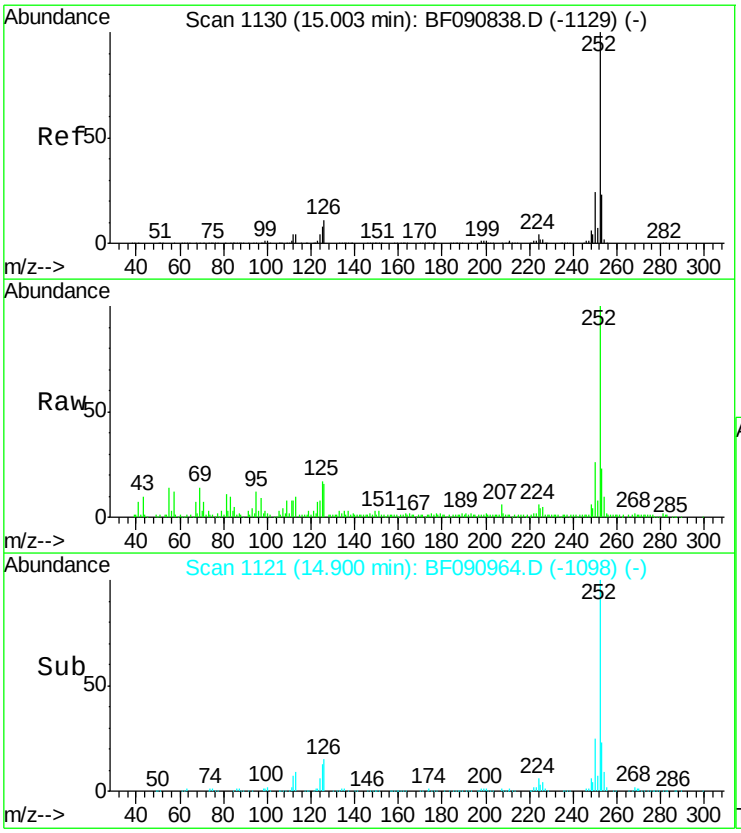
#87
Benzo(b)fluoranthene
Concen: 8.63 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:252 Resp: 185475

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	17.0	17.1	25.7#

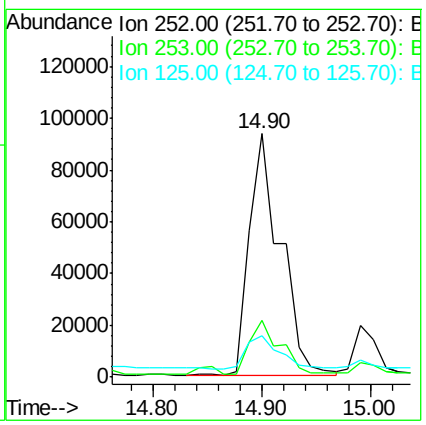


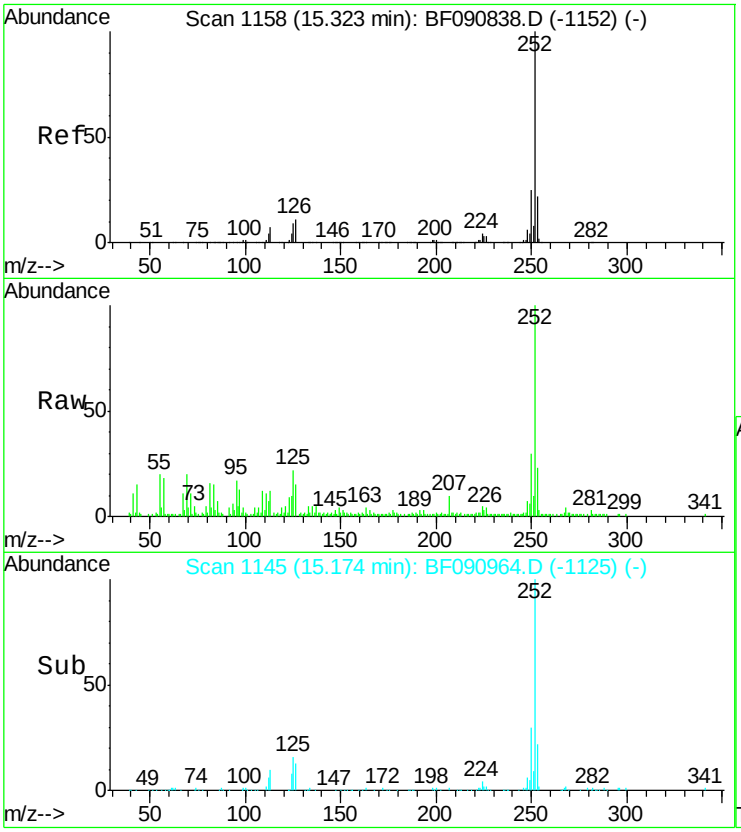


#88
Benzo(k)fluoranthene
Concen: 10.92 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:252 Resp: 185475

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	17.0	16.0	24.0



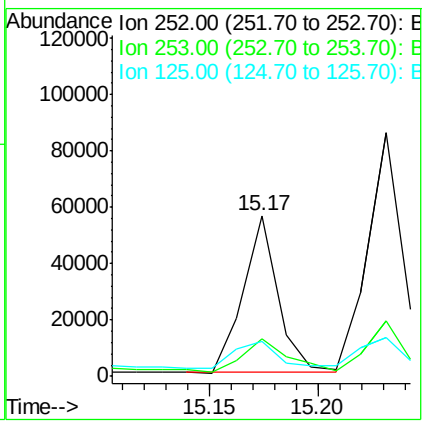


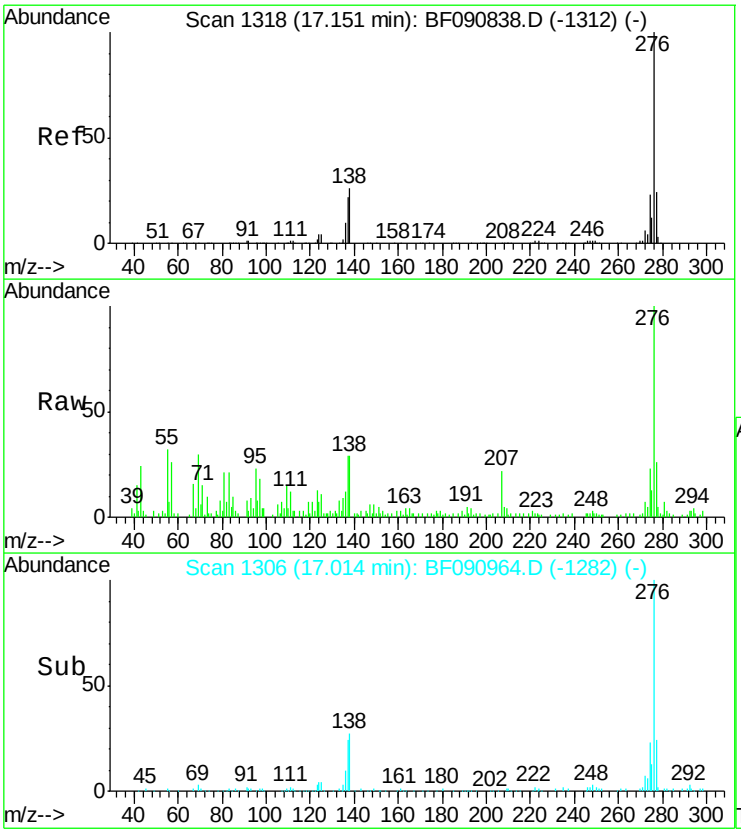
#89
Benzo(a)pyrene
Concen: 3.39 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:252 Resp: 62684

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	22.0	18.0	27.0





#91
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF090964.D
Acq: 1 Nov 2016 21:22

Tgt Ion:276 Resp: 50387

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.8	26.6
138	29.4	34.6	51.8#