Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089249.D
Acq On : 23 Jul 2016 23:28
Operator : UM/SJ
Sample : H4129-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-0.2-2.0

Quant Time: Jul 25 01:12:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46765	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	206678	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	85939	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	130552	20.00	ng		-0.02
75) Chrysene-d12	13.70	240	91231	20.00	ng		-0.02
86) Perylene-d12	15.05	264	91313	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	330111	107.36	ng		-0.02
7) Phenol-d6	6.24	99	450086	113.51	ng		-0.03
23) Nitrobenzene-d5	7.15	82	283677	72.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.40	330	69640	90.00	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	494078	79.21	ng		-0.02
78) Terphenyl-d14	12.66	244	257023	61.11	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.12	77	694	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.15	70	37584	14.49	ng	#	78
31) Naphthalene	7.88	128	26116	2.34	ng		99
37) 2-Methylnaphthalene	8.58	142	23622	3.32	ng		100
49) Dimethylphthalate	9.35	163	156257	23.69	ng		100
55) 4-Nitrophenol	9.82	139	2790	2.61	ng	#	13
56) 2,4-Dinitrotoluene	9.61	165	11614	6.06	ng	#	10
66) 4-Bromophenyl-phenylether	10.40	248	5011	3.88	ng	#	1
70) Phenanthrene	11.11	178	24803	3.46	ng		99
71) Anthracene	11.11	178	24803	3.33	ng		99
74) Fluoranthene	12.29	202	24059	3.20	ng		97
77) Pyrene	12.51	202	23440	3.11	ng		98
80) Benzo(a)anthracene	13.69	228	13692	2.36	ng	#	87
82) Chrysene	13.69	228	13692	2.47	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.26	276	9254	2.30	ng	#	84
87) Benzo(b)fluoranthene	14.70	252	20756	3.14	ng	#	92
88) Benzo(k)fluoranthene	14.70	252	20756	4.39	ng	#	85
89) Benzo(a)pyrene	14.99	252	11233	2.19	ng	#	89
91) Benzo(g,h,i)perylene	16.63	276	9472	2.32	ng	#	88

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

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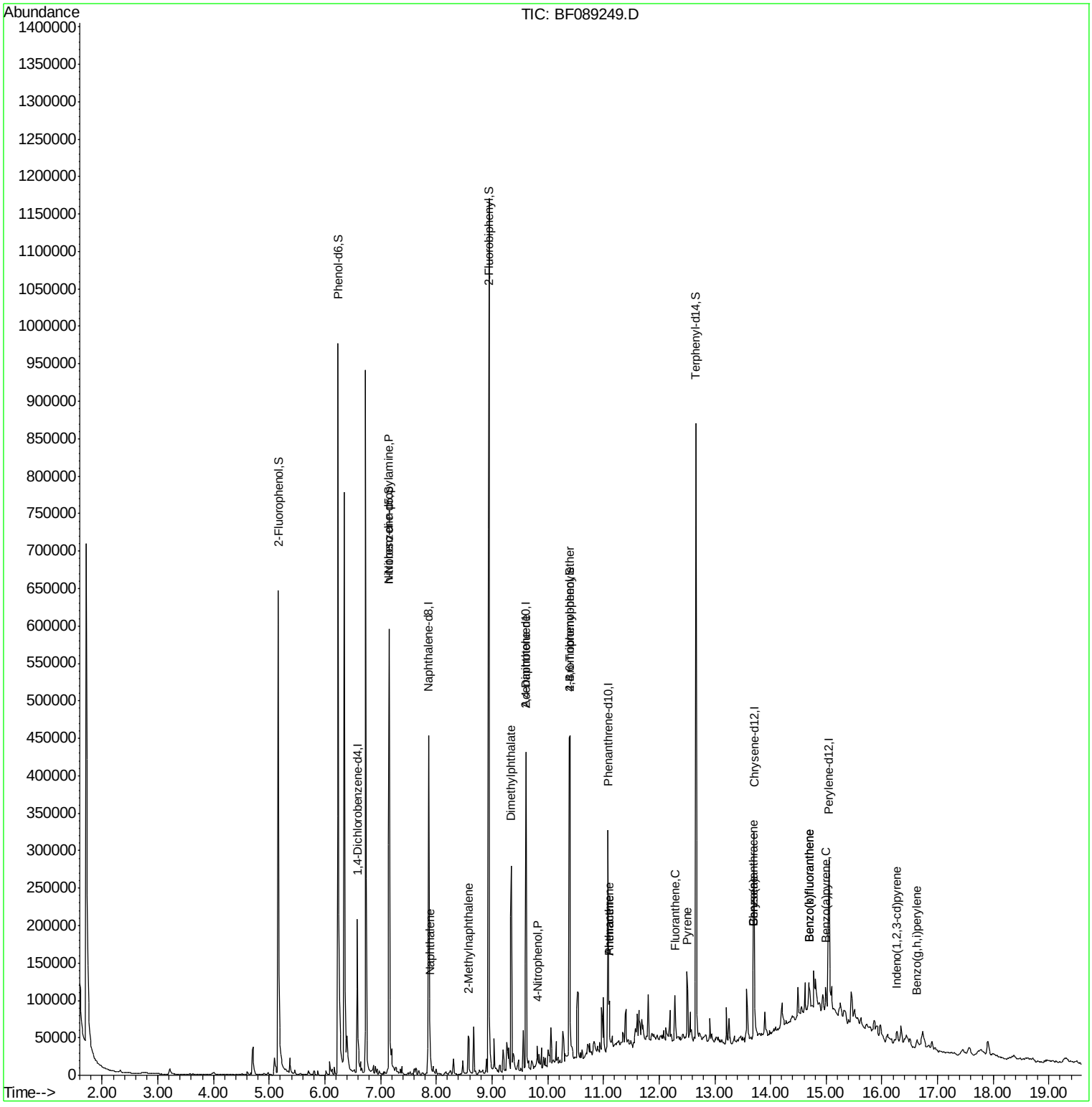
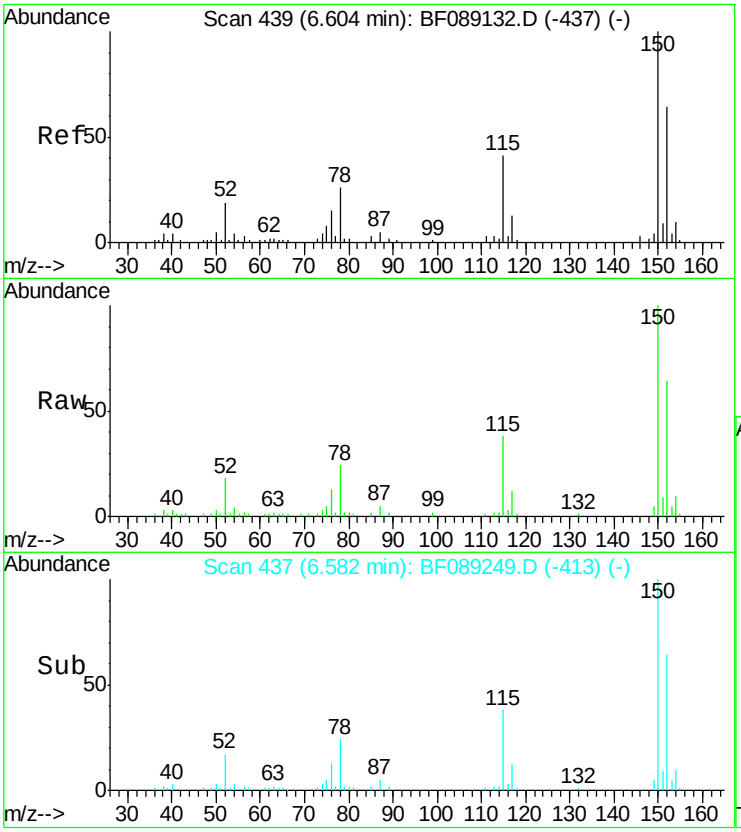


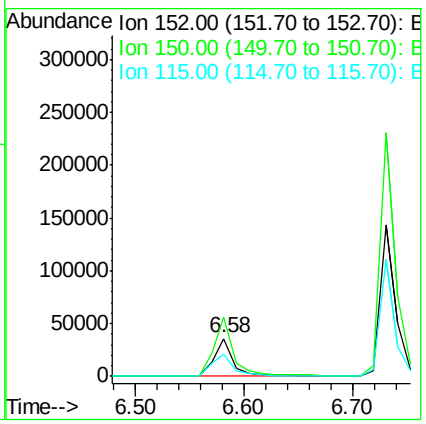


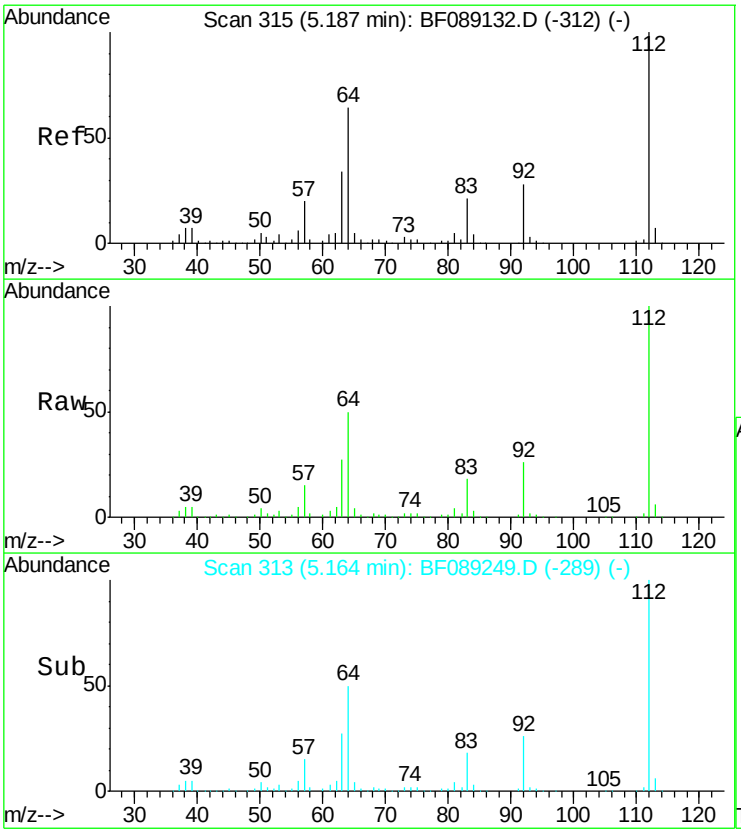
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:152 Resp: 46765

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.1	187.7
115	59.6	51.1	76.7

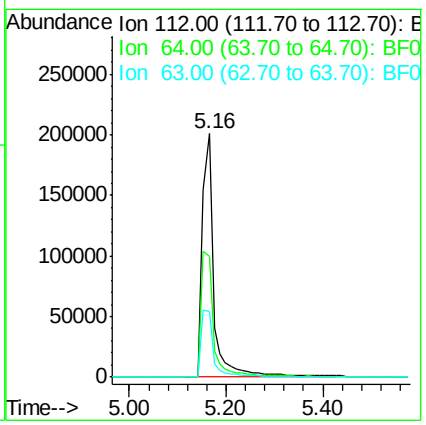


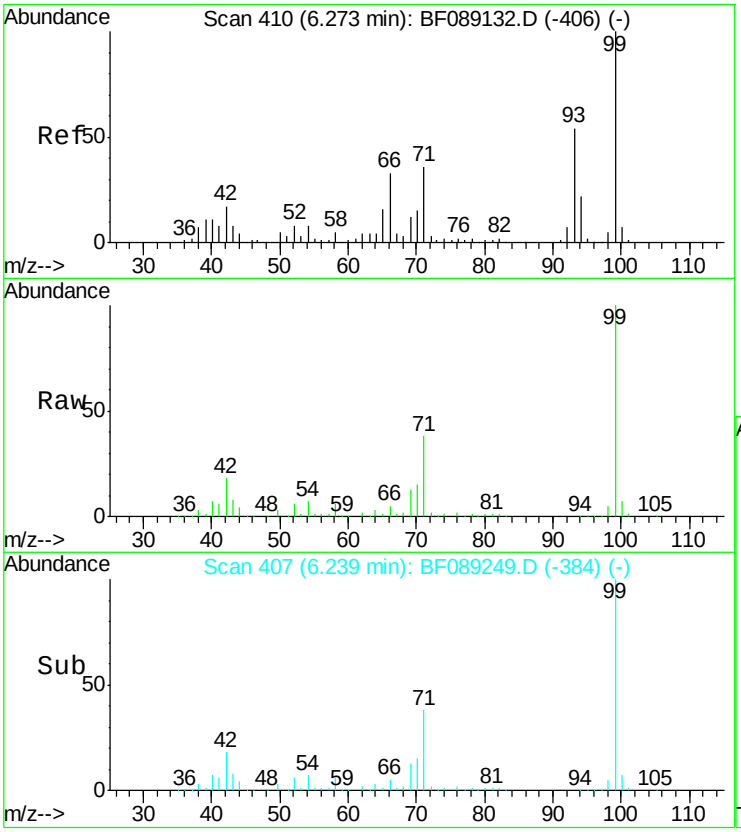


#5
2-Fluorophenol
Concen: 107.36 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:112 Resp: 330111

Ion	Ratio	Lower	Upper
112	100		
64	49.7	51.0	76.4#
63	26.8	27.3	40.9#



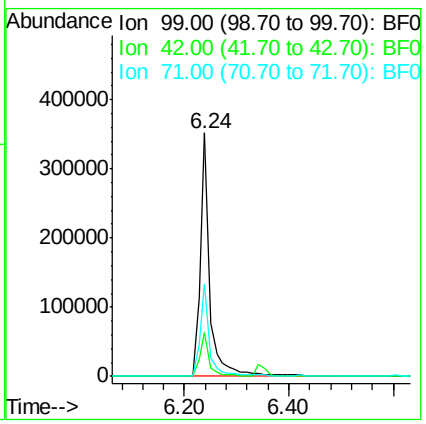


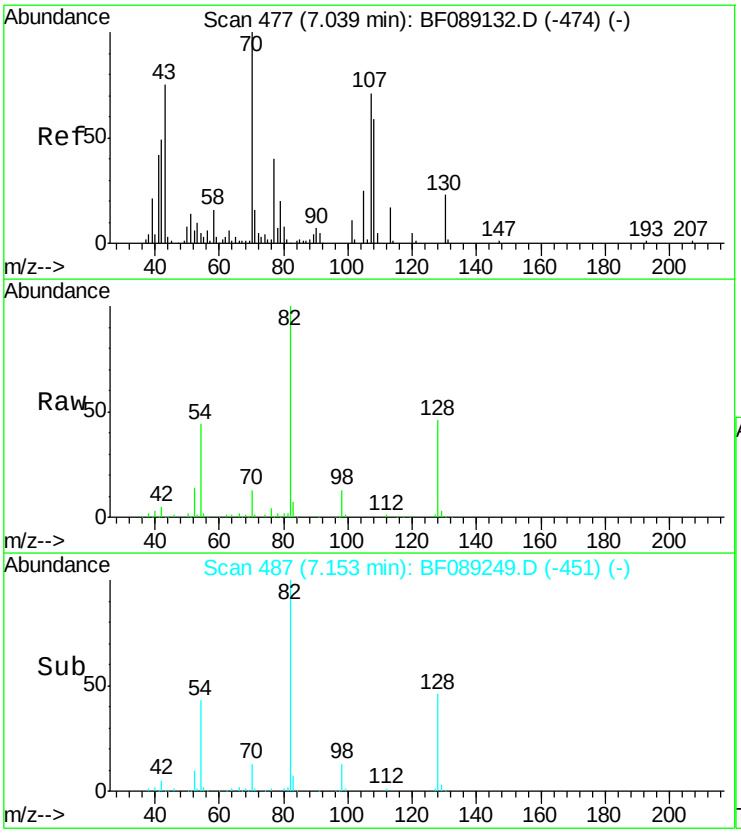
#7
Phenol-d6
Concen: 113.51 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion: 99 Resp: 450086

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	37.8	28.9	43.3

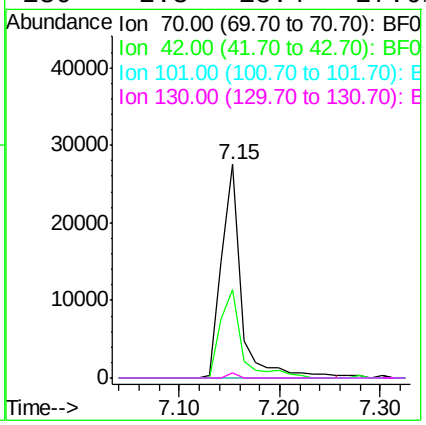


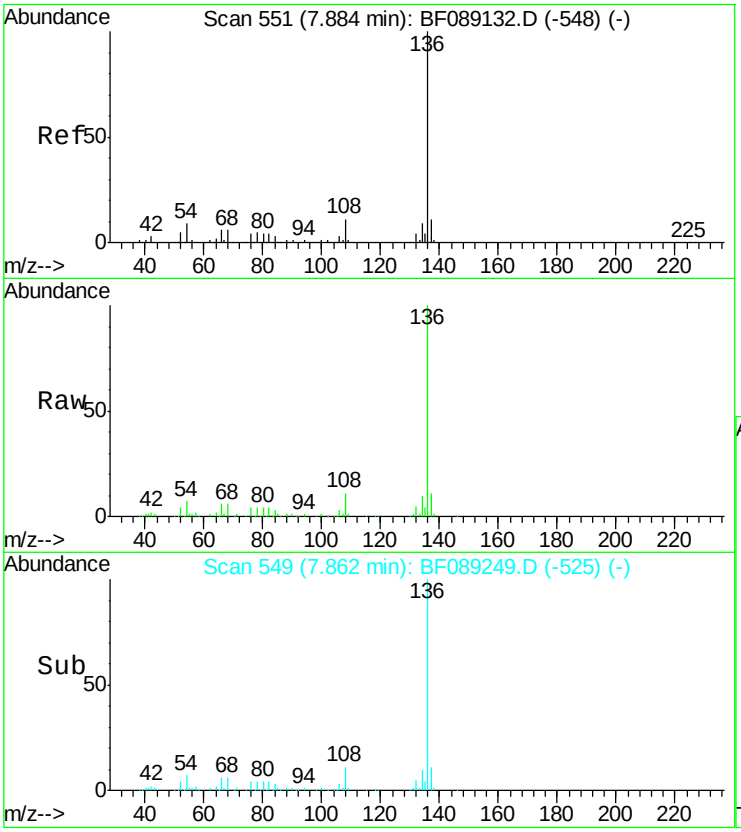


#19
n-Nitroso-di-n-propylamine
Concen: 14.49 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion: 70 Resp: 37584

Ion	Ratio	Lower	Upper
70	100		
42	41.1	39.2	58.8
101	0.0	8.5	12.7#
130	2.3	18.4	27.6#



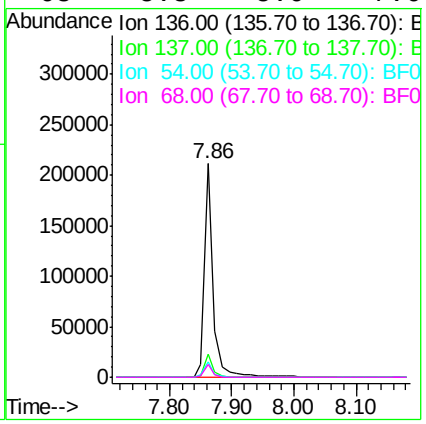


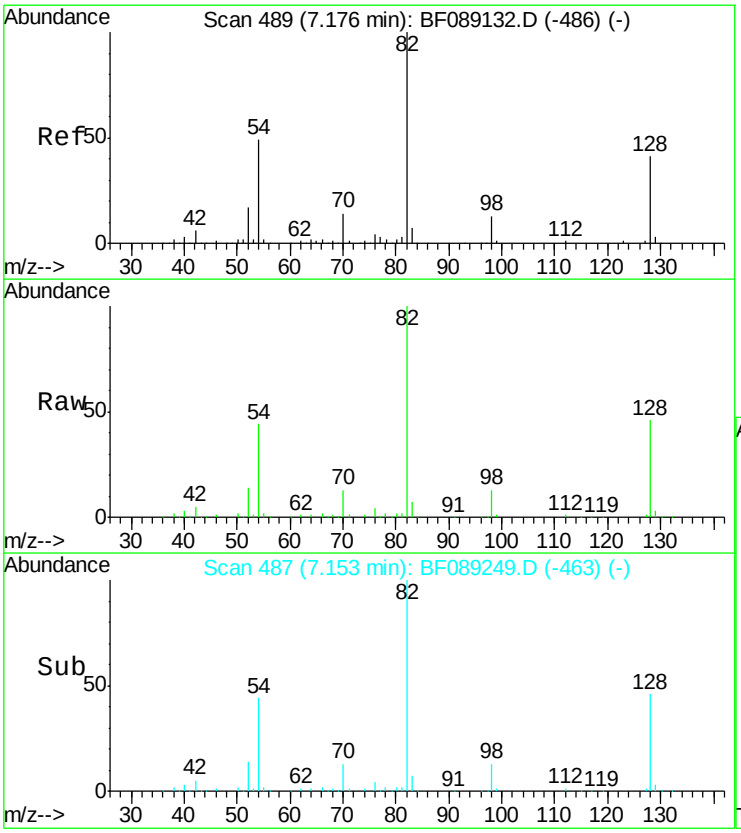
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:136 Resp: 206678

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	7.0	10.4
68	5.8	5.0	7.6

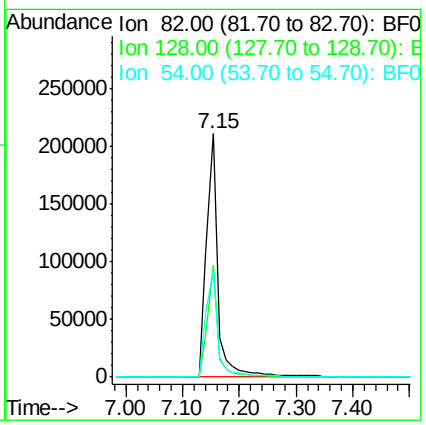


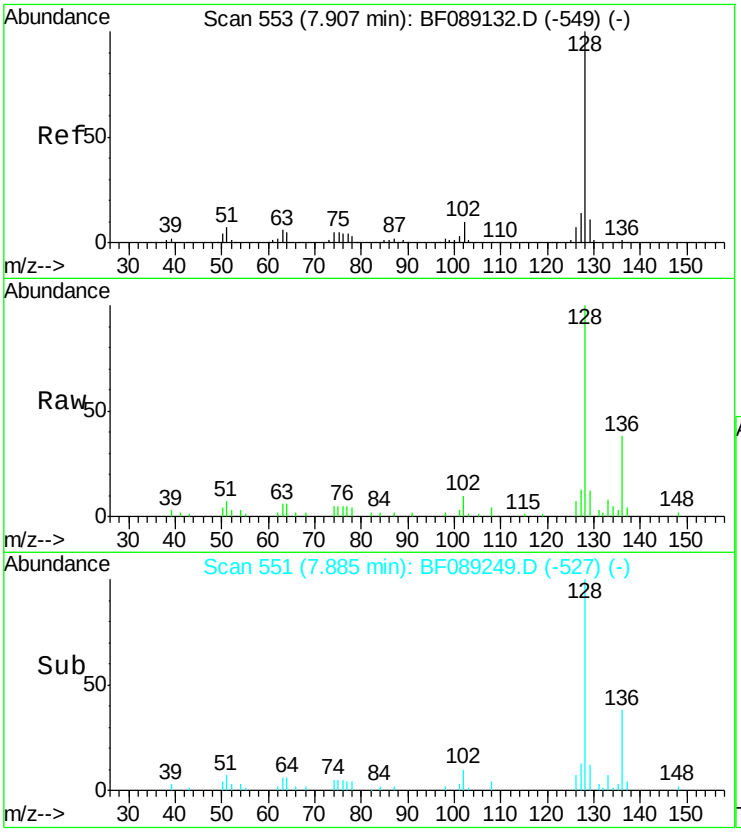


#23
Nitrobenzene-d5
Concen: 72.93 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion: 82 Resp: 283677

Ion	Ratio	Lower	Upper
82	100		
128	46.1	33.0	49.6
54	43.8	39.0	58.4



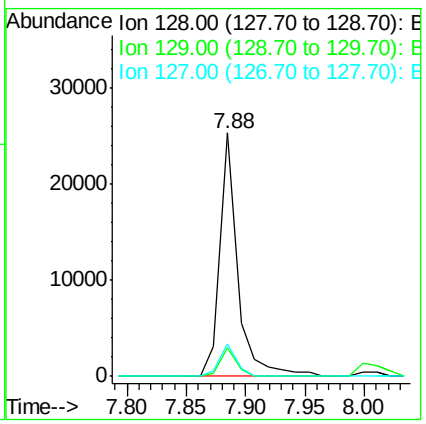


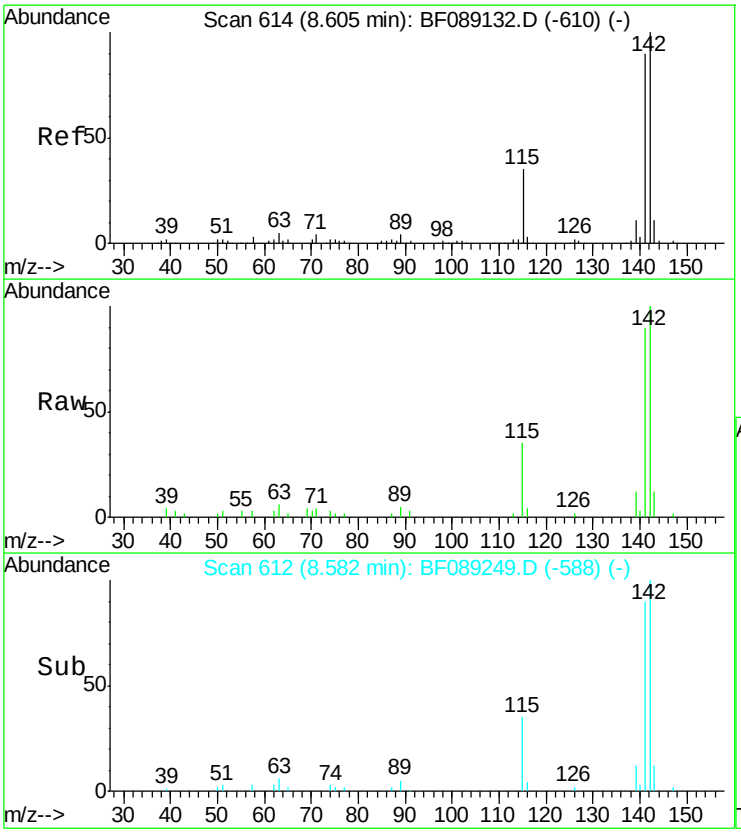
#31
Naphthalene
Concen: 2.34 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:128 Resp: 26116

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.3	10.8	16.2

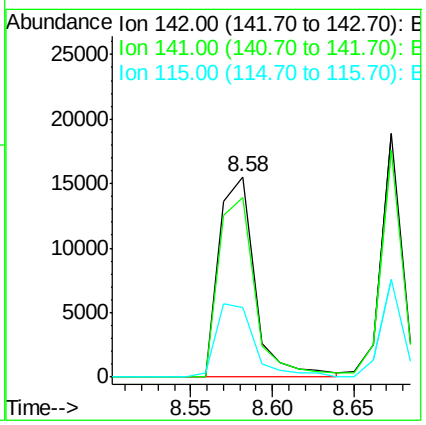


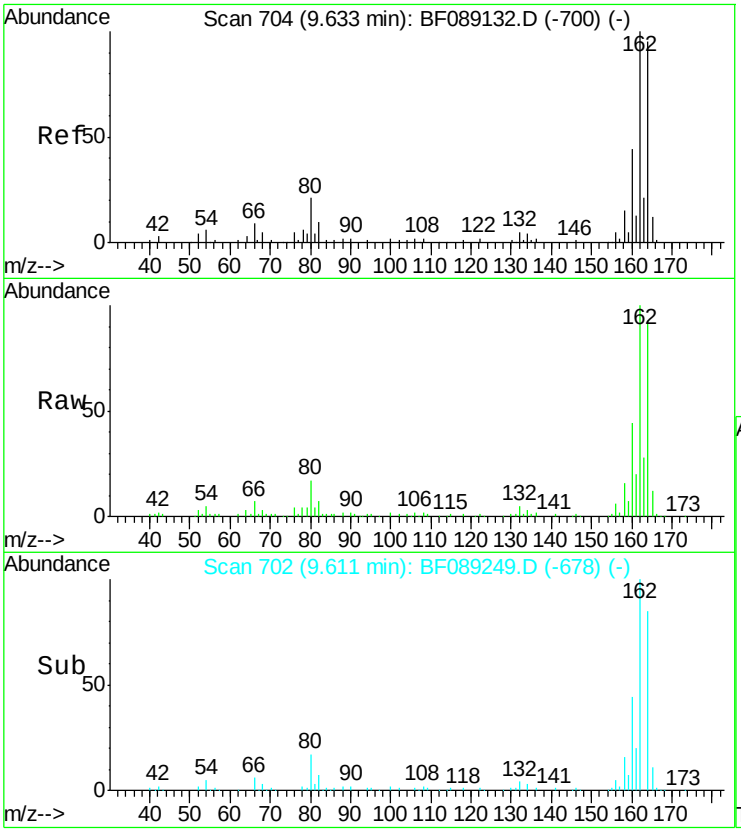


#37
2-Methylnaphthalene
Concen: 3.32 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:142 Resp: 23622

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	34.5	27.6	41.4



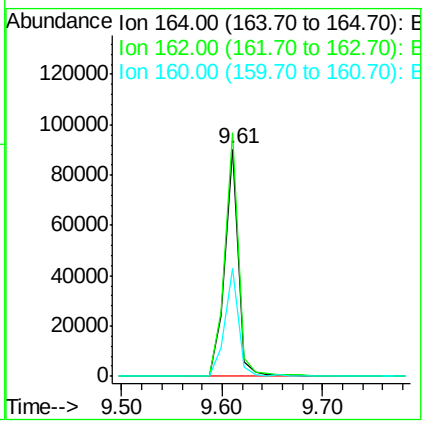


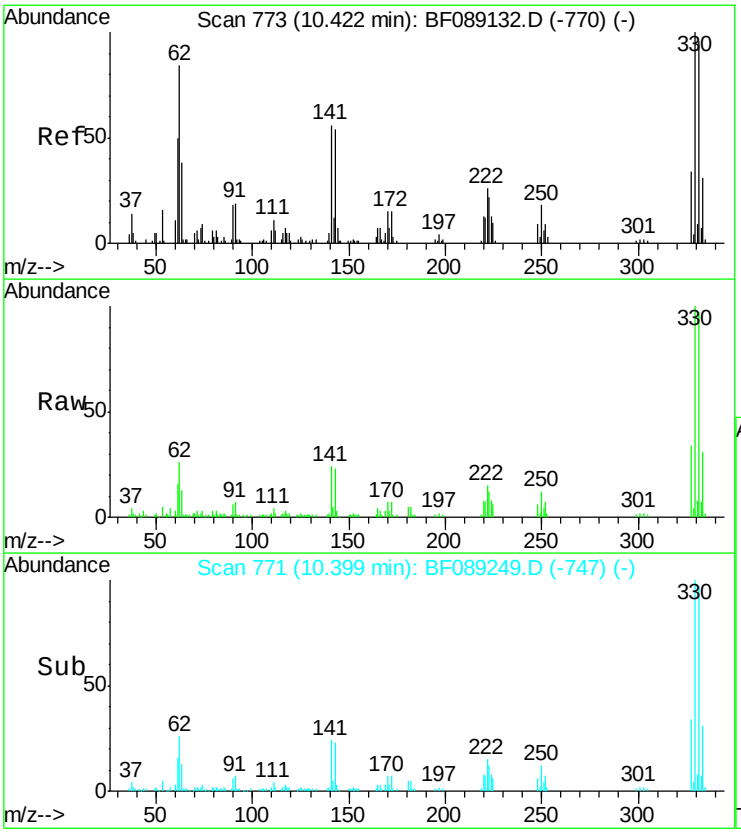
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:164 Resp: 85939

Ion	Ratio	Lower	Upper
164	100		
162	107.0	84.1	126.1
160	47.4	37.1	55.7

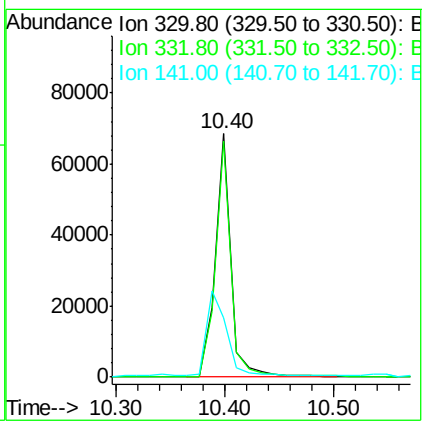


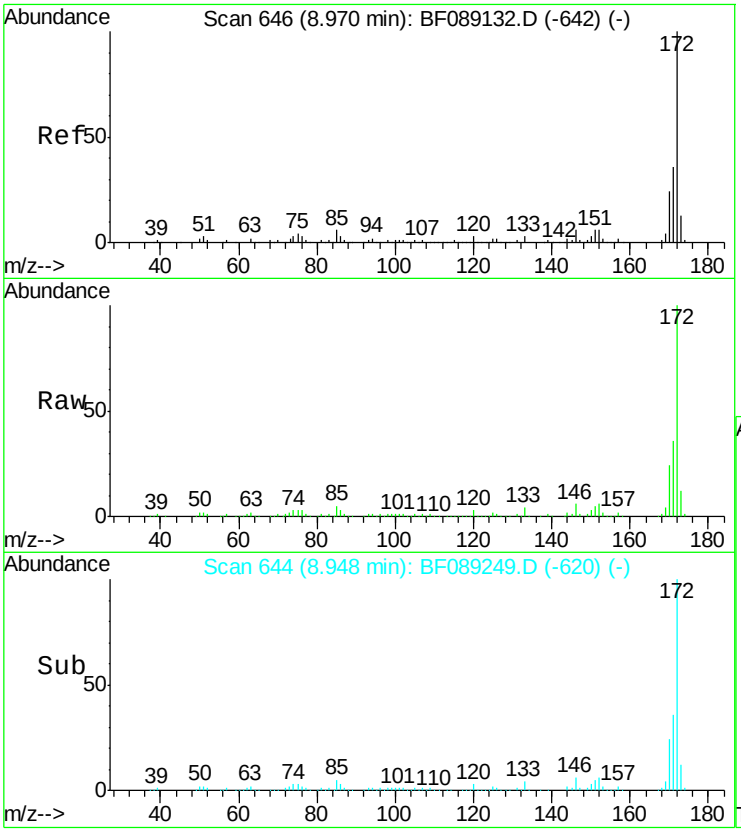


#41
2,4,6-Tribromophenol
Concen: 90.00 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:330 Resp: 69640

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	51.3	42.2	63.2



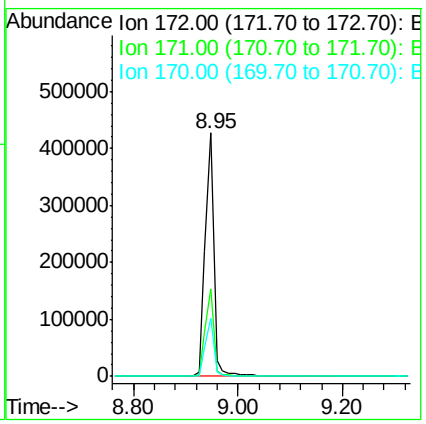


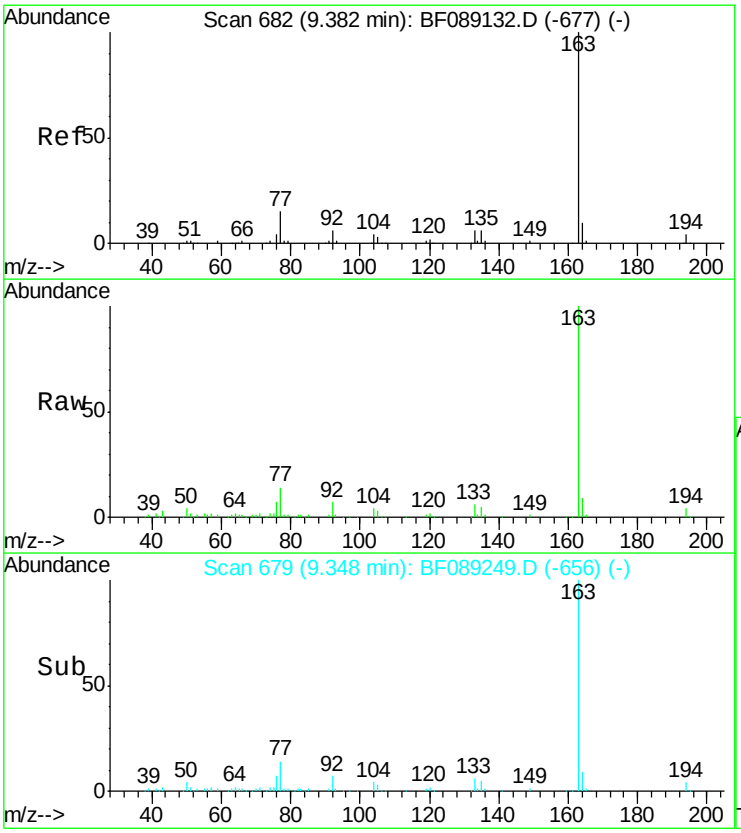
#44
2-Fluorobiphenyl
Concen: 79.21 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:172 Resp: 494078

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.8	19.1	28.7

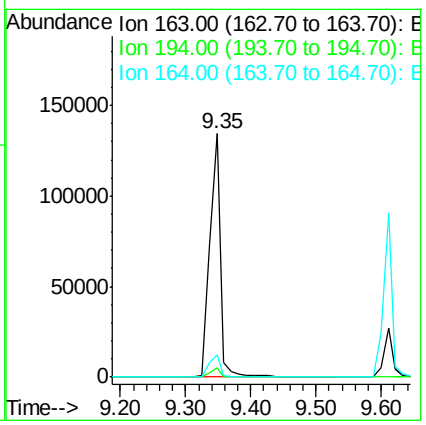


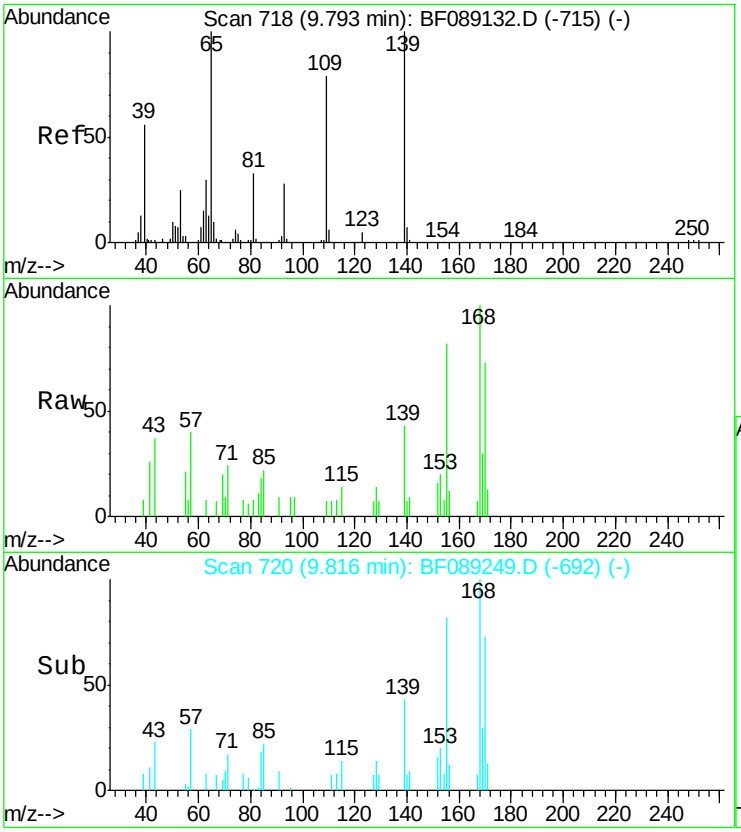


#49
Dimethylphthalate
Concen: 23.69 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:163 Resp: 156257

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.4	7.6	11.4



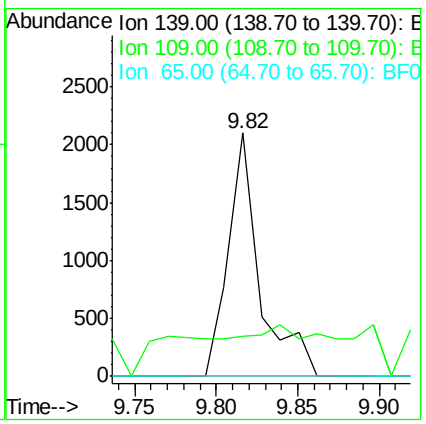


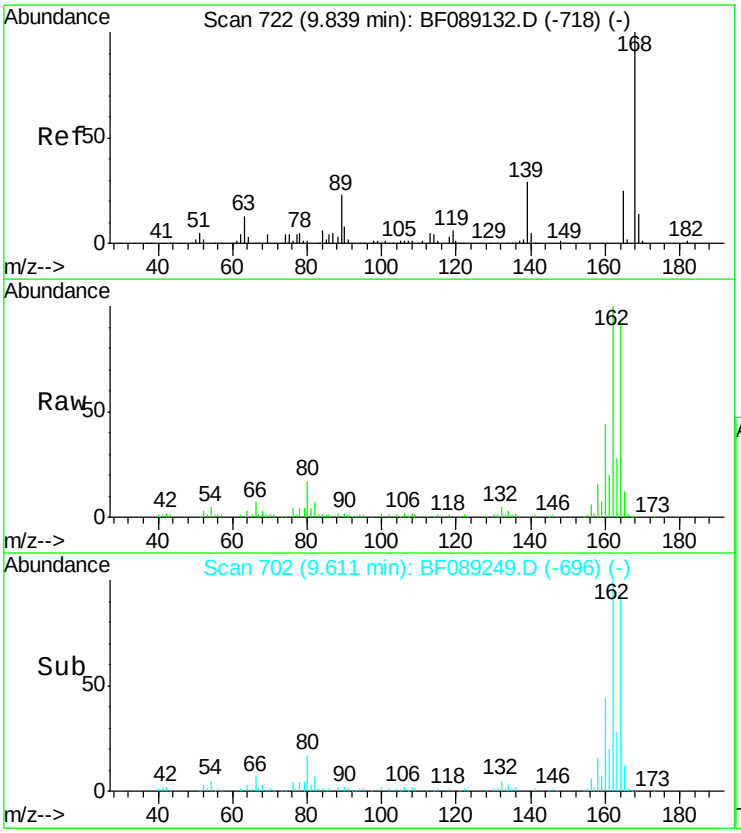
#55
4-Nitrophenol
Concen: 2.61 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:139 Resp: 2790

Ion	Ratio	Lower	Upper
139	100		
109	16.5	58.7	98.7#
65	0.0	80.2	120.2#

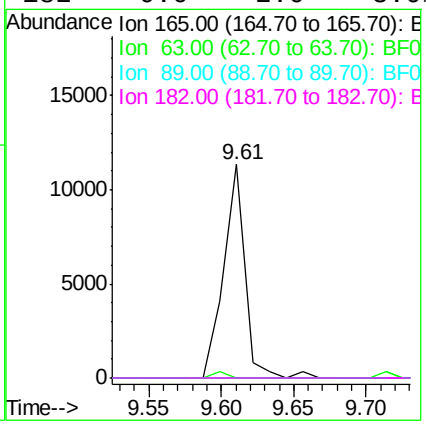


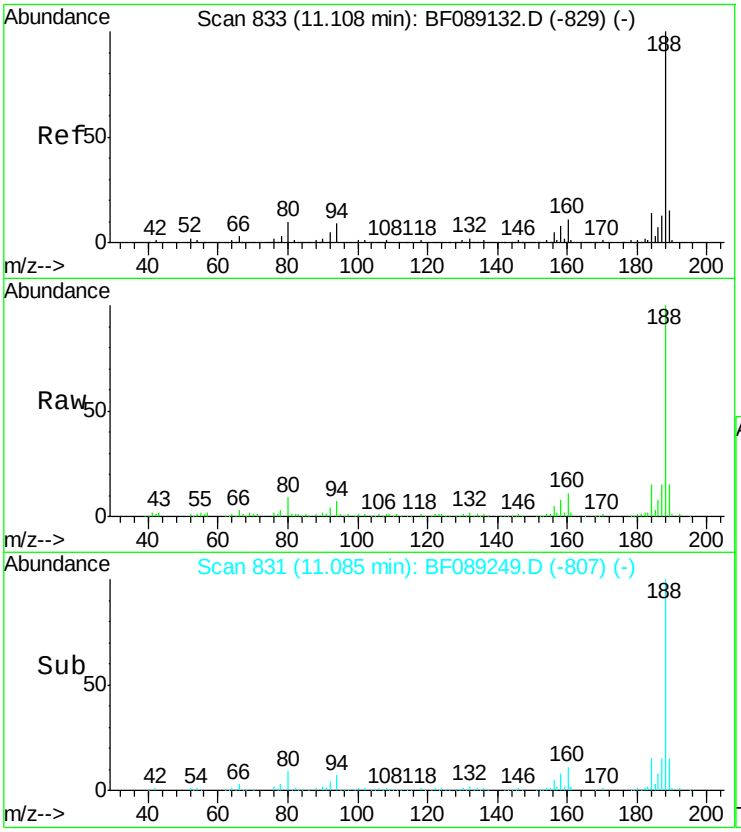


#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:165 Resp: 11614

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#



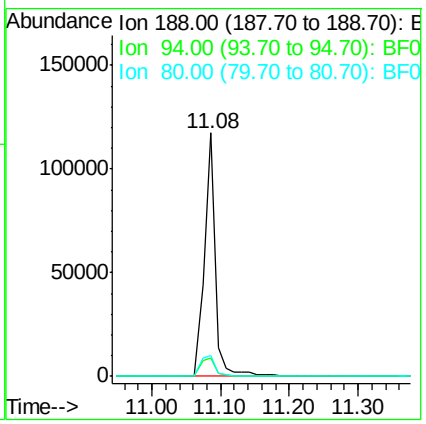


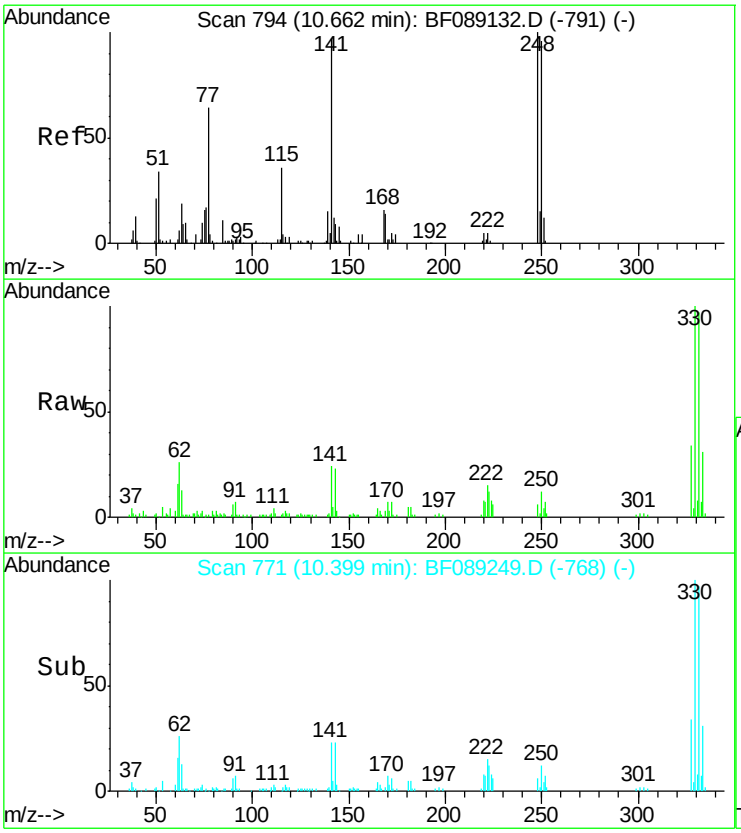
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:188 Resp: 130552

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.4
80	8.5	7.7	11.5

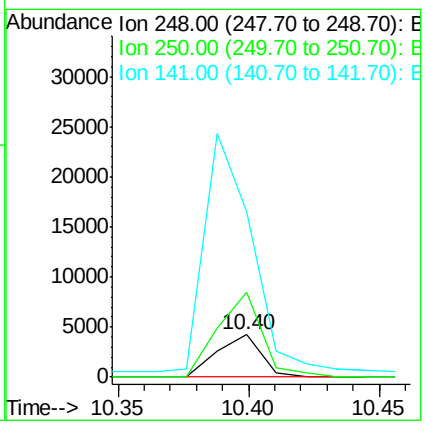


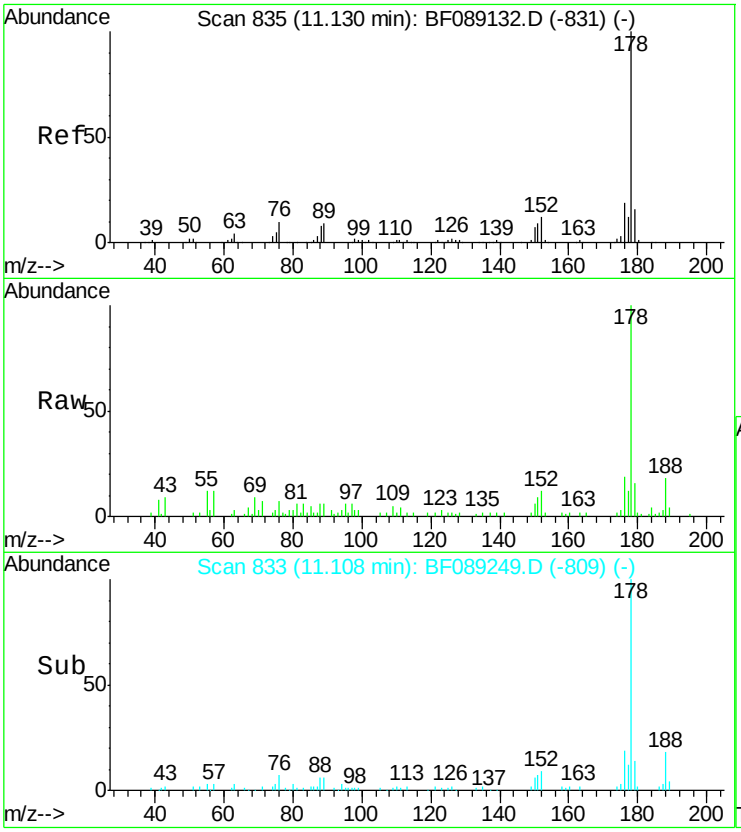


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:248 Resp: 5011

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.9	115.3#
141	394.1	77.4	116.2#



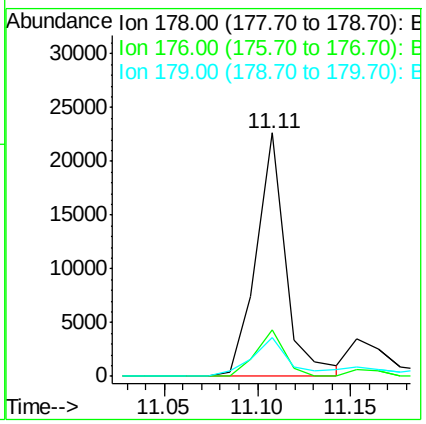


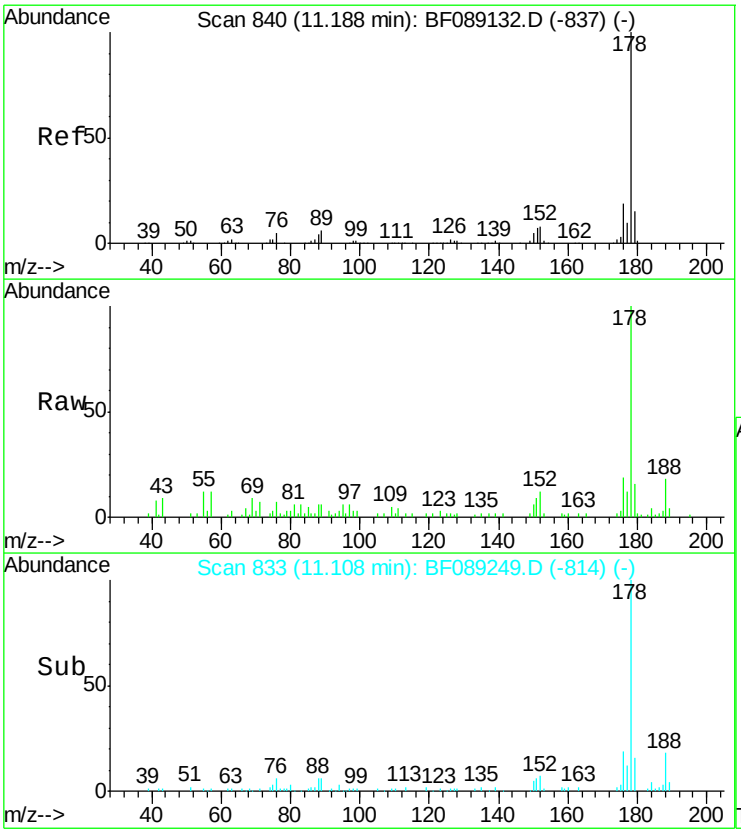
#70
Phenanthrene
Concen: 3.46 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:178 Resp: 24803

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.9	12.4	18.6

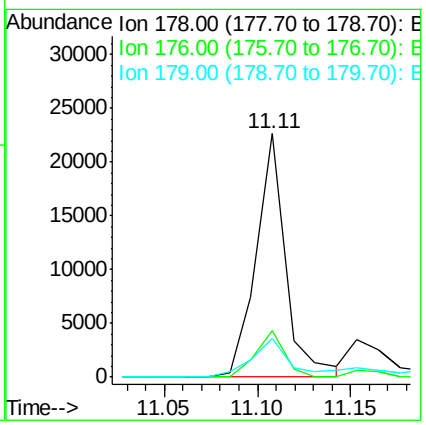


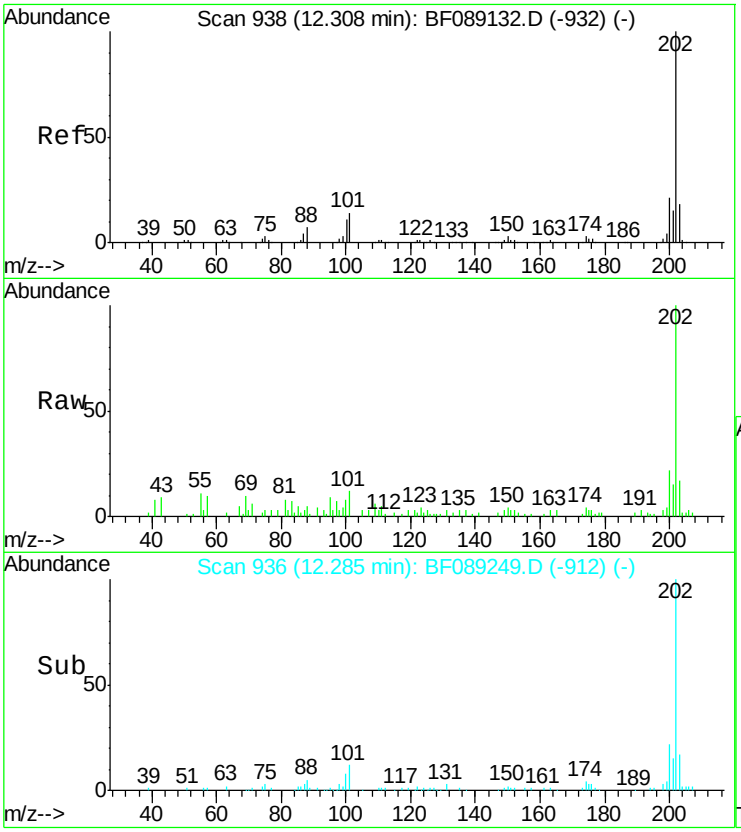


#71
Anthracene
Concen: 3.33 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.08 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:178 Resp: 24803

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.9	12.0	18.0



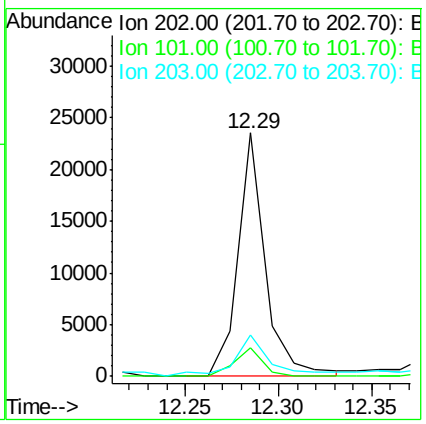


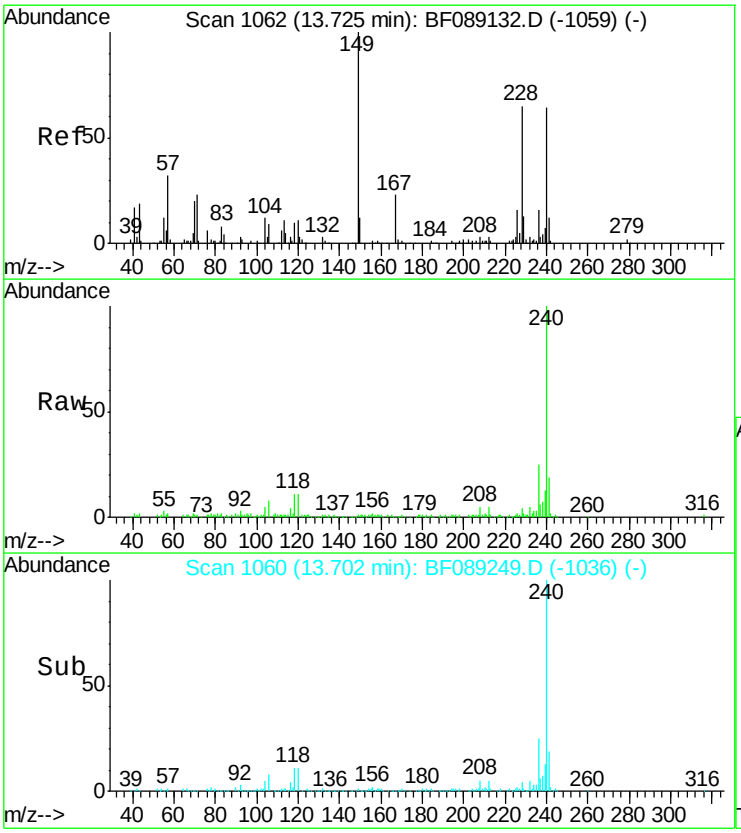
#74
Fluoranthene
Concen: 3.20 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:202 Resp: 24059

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.0
203	17.2	0.0	37.8

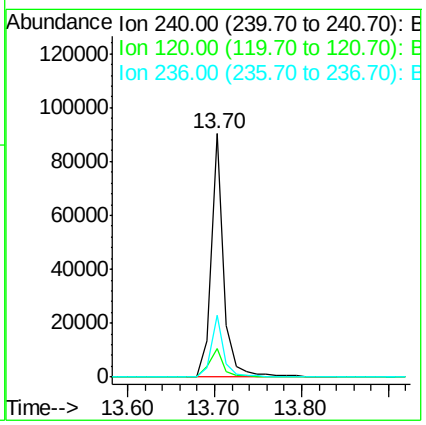


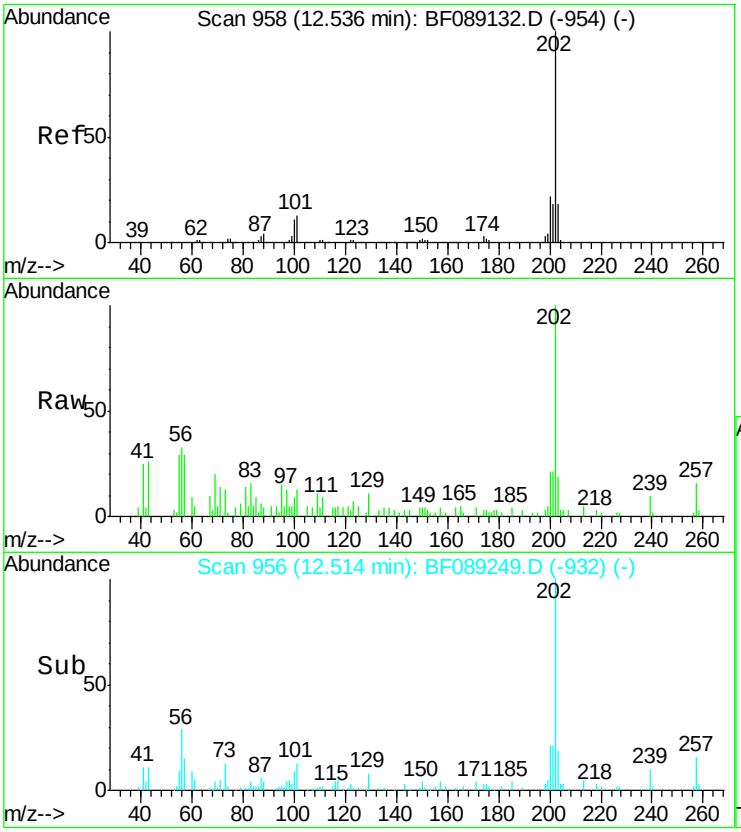


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:240 Resp: 91231

Ion	Ratio	Lower	Upper
240	100		
120	11.5	13.6	20.4#
236	25.4	20.5	30.7



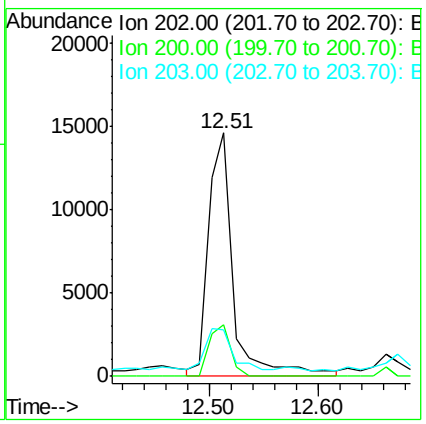


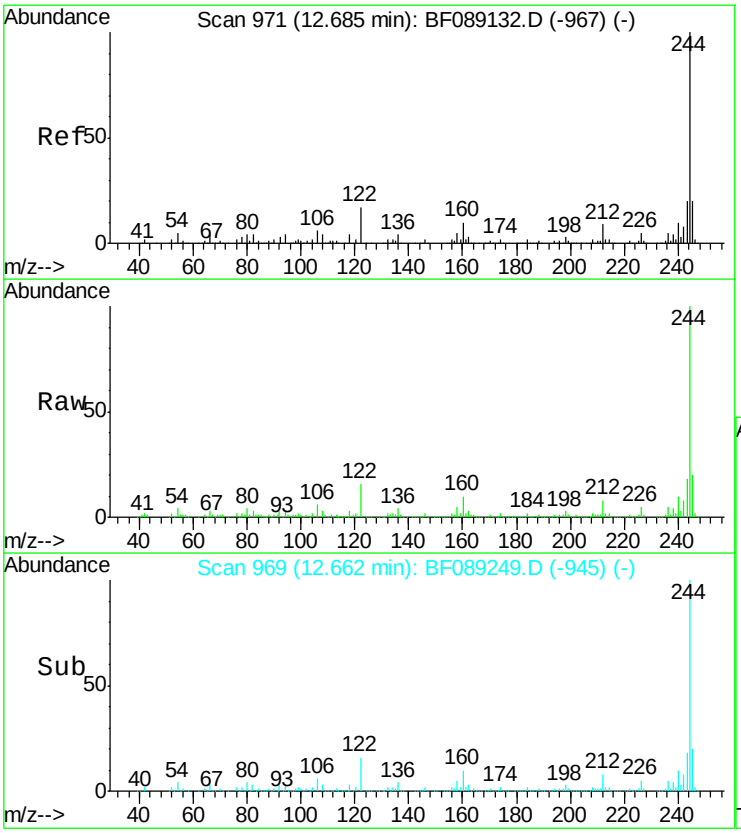
#77
Pyrene
Concen: 3.11 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:202 Resp: 23440

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	19.1	14.2	21.2

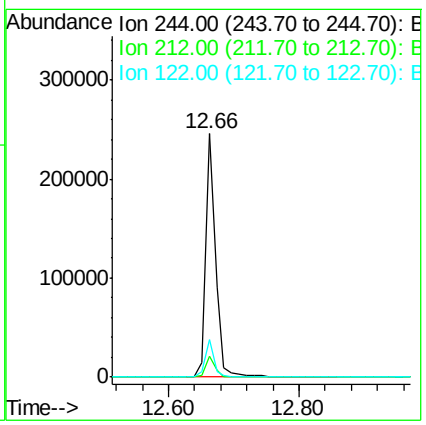


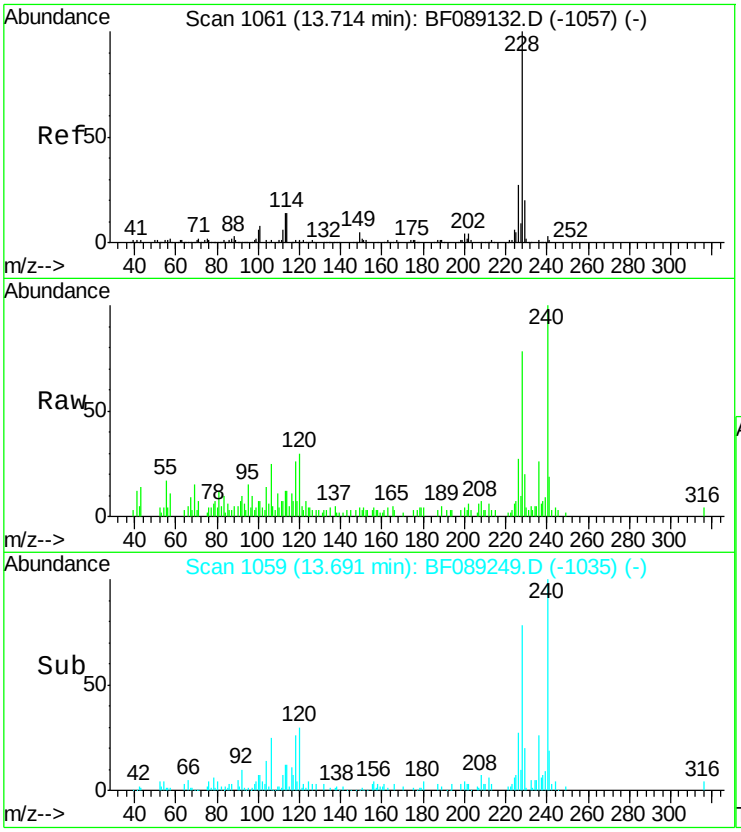


#78
Terphenyl-d14
Concen: 61.11 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:244 Resp: 257023

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.4
122	15.7	13.8	20.8



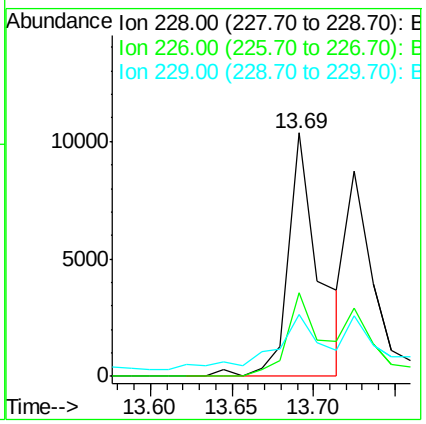


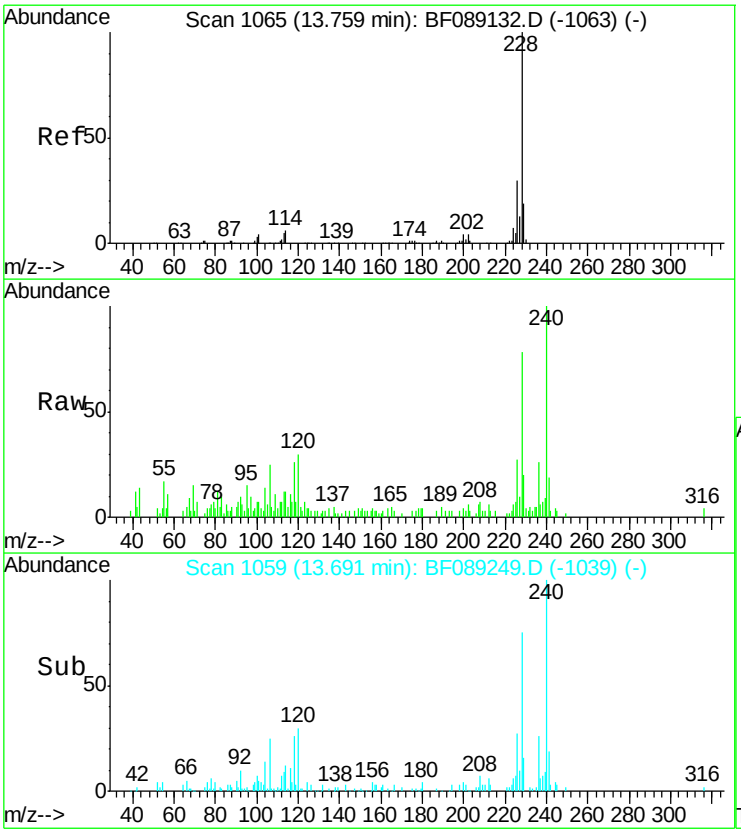
#80
Benzo(a)anthracene
Concen: 2.36 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:228 Resp: 13692

Ion	Ratio	Lower	Upper
228	100		
226	34.5	21.8	32.8#
229	25.2	15.8	23.8#

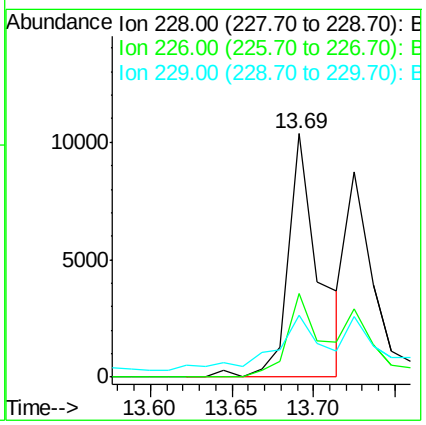


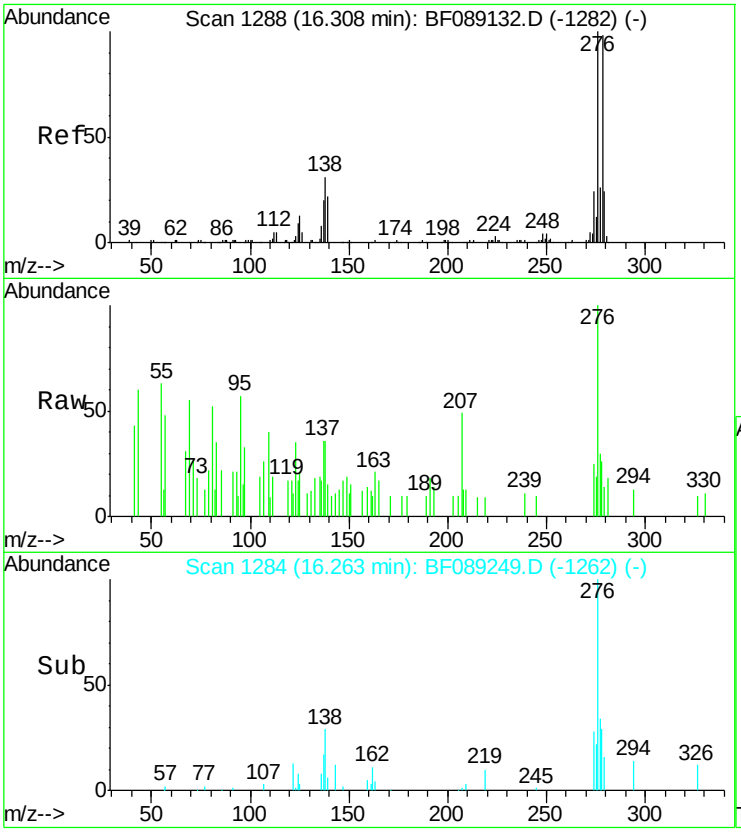


#82
Chrysene
Concen: 2.47 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.07 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:228 Resp: 13692

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.8	35.8
229	25.2	15.4	23.0#



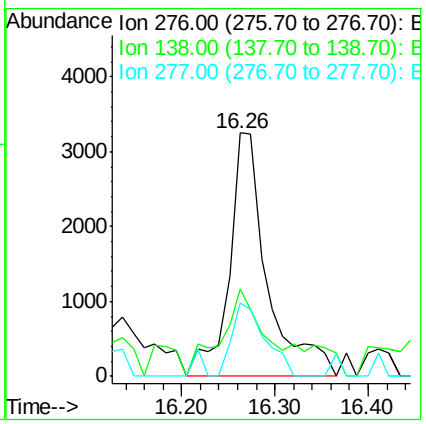


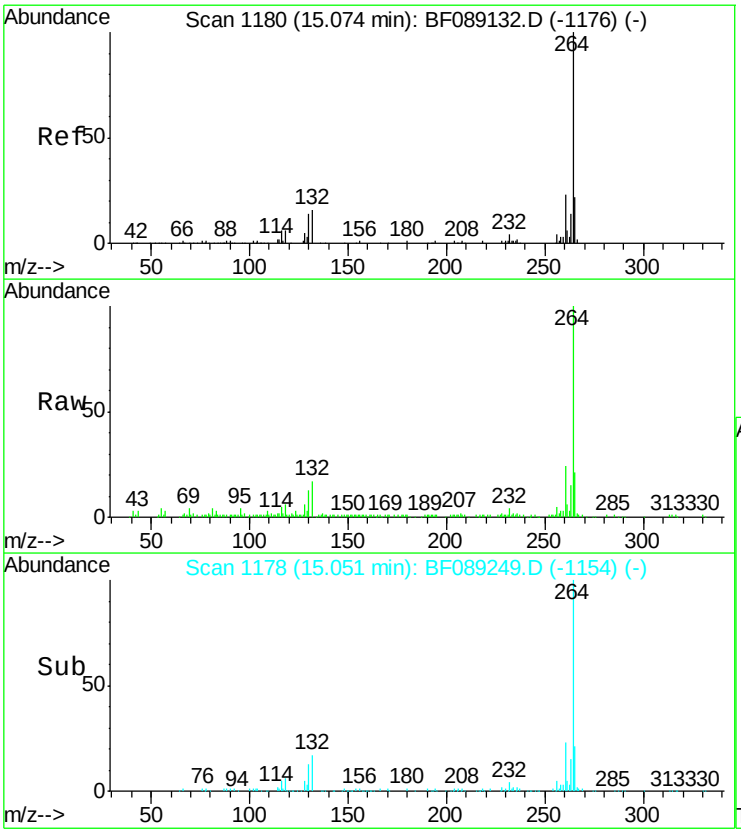
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.05 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:276 Resp: 9254

Ion	Ratio	Lower	Upper
276	100		
138	45.2	23.7	35.5#
277	26.4	20.6	31.0

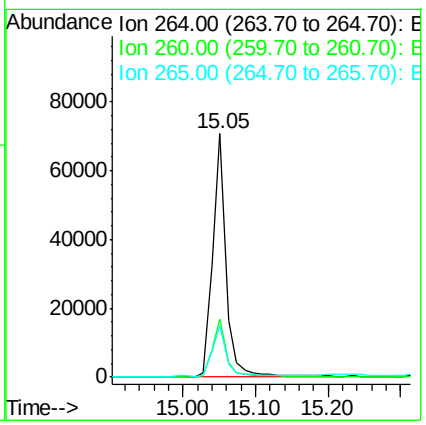


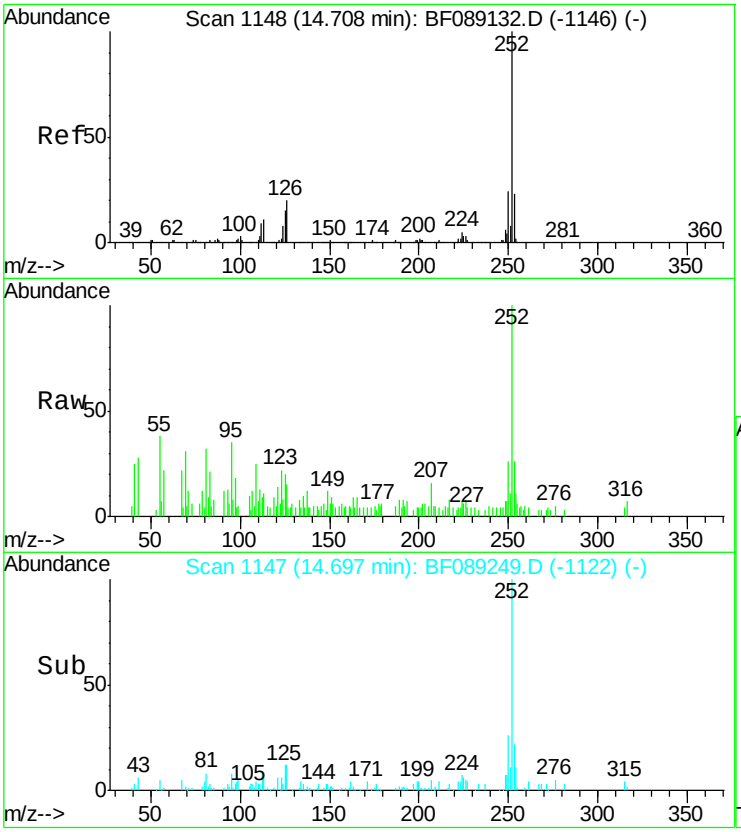


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:264 Resp: 91313

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.4	17.3	25.9



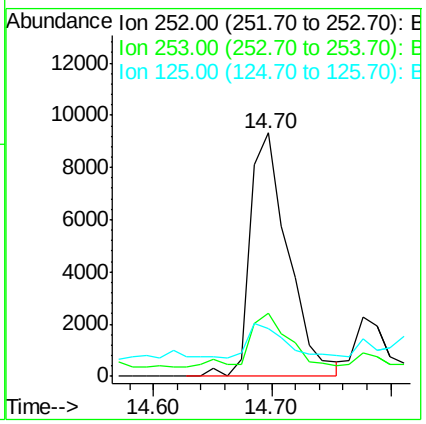


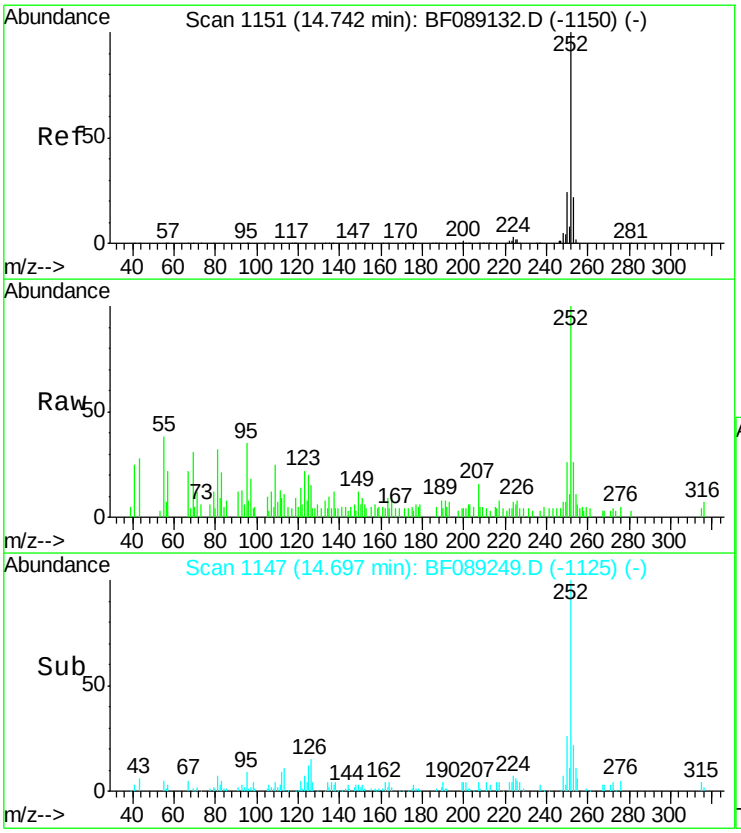
#87
Benzo(b)fluoranthene
Concen: 3.14 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:252 Resp: 20756

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	19.5	11.9	17.9#

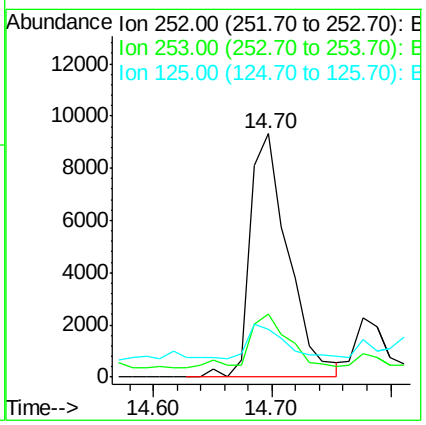


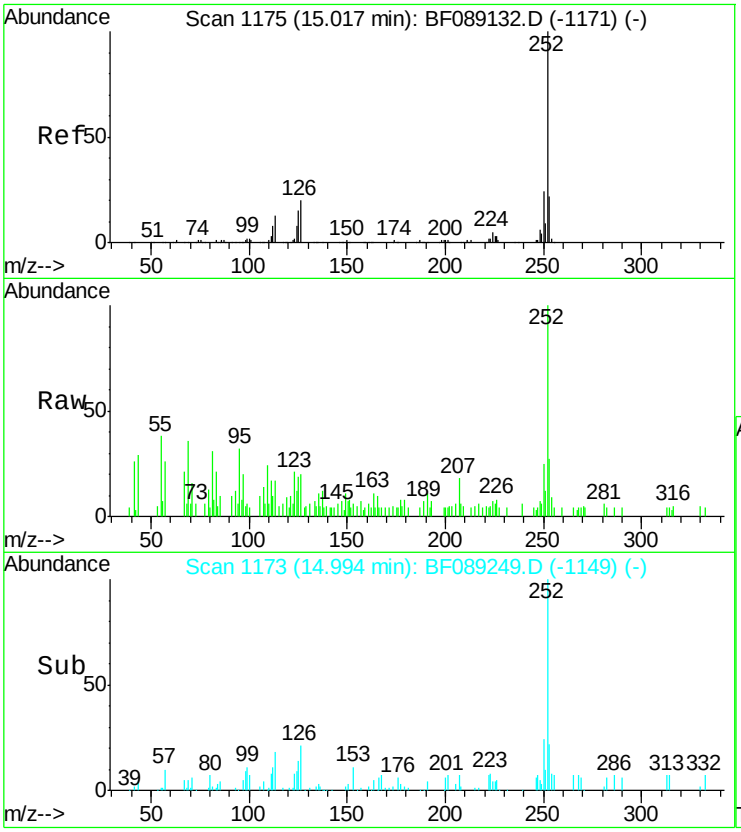


#88
Benzo(k)fluoranthene
Concen: 4.39 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:252 Resp: 20756

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.3	25.9
125	19.5	6.3	9.5#



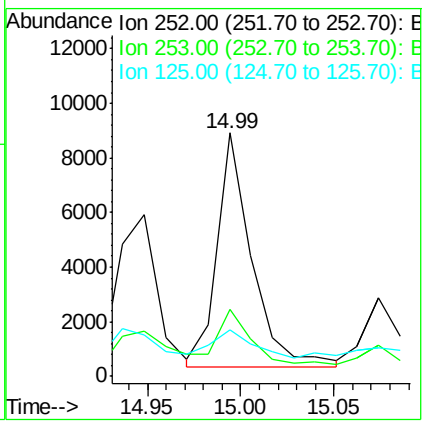


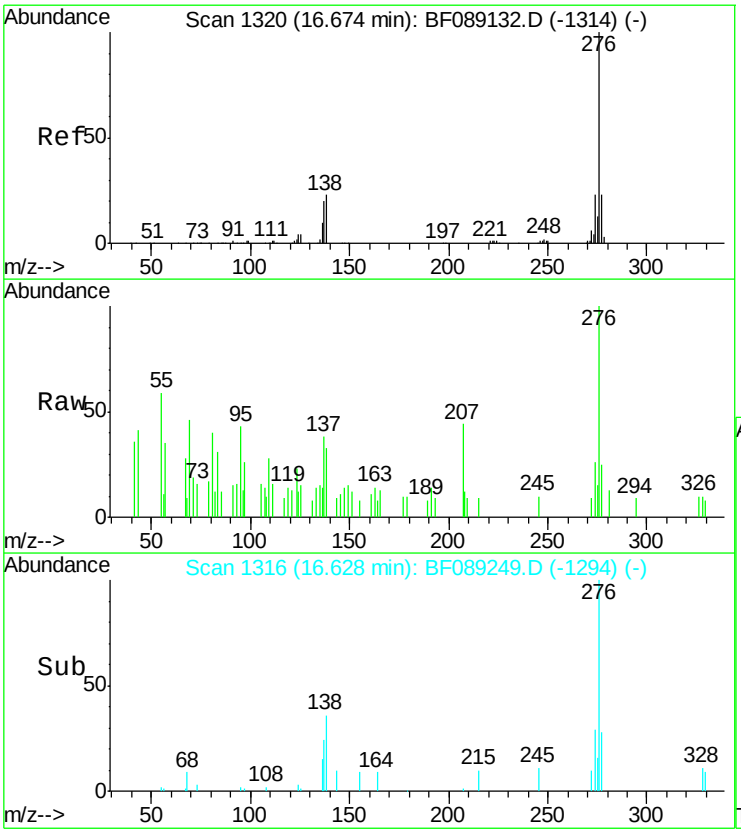
#89
Benzo(a)pyrene
Concen: 2.19 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Instrument :
BNA_F
ClientSampleId :
KSB-14-0.2-2.0

Tgt Ion:252 Resp: 11233

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.0#
125	19.2	12.4	18.6#





#91
Benzo(g,h,i)perylene
Concen: 2.32 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.05 min
Lab File: BF089249.D
Acq: 23 Jul 2016 23:28

Tgt Ion:276 Resp: 9472

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.5	27.7
138	32.5	18.5	27.7#