Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089277.D
Acq On : 25 Jul 2016 14:12
Operator : UM/SJ
Sample : H4129-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 25 17:17:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	63044	20.00	ng		-0.01
21) Naphthalene-d8	7.85	136	237074	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	100586	20.00	ng		-0.01
63) Phenanthrene-d10	11.06	188	169618	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	118301	20.00	ng		-0.01
86) Perylene-d12	15.03	264	95697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	357282	86.19	ng		0.00
7) Phenol-d6	6.23	99	511397	95.67	ng		0.00
23) Nitrobenzene-d5	7.13	82	292668	65.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	70928	78.32	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	485375	66.49	ng		-0.01
78) Terphenyl-d14	12.65	244	322274	59.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.08	77	979	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.13	70	39496	11.30	ng	#	82
31) Naphthalene	7.87	128	27546	2.15	ng		98
37) 2-Methylnaphthalene	8.56	142	29141	3.57	ng		97
49) Dimethylphthalate	9.32	163	182782	23.68	ng		99
56) 2,4-Dinitrotoluene	9.59	165	13792	6.14	ng	#	12
66) 4-Bromophenyl-phenylether	10.38	248	5595	3.33	ng	#	1
70) Phenanthrene	11.08	178	27887	3.00	ng		99
71) Anthracene	11.08	178	27887	2.88	ng		97
74) Fluoranthene	12.26	202	29257	2.99	ng		98
77) Pyrene	12.49	202	25980	2.66	ng		97
80) Benzo(a)anthracene	13.67	228	16251	2.16	ng	#	82
82) Chrysene	13.67	228	16251	2.26	ng	#	85
87) Benzo(b)fluoranthene	14.67	252	19451	2.81	ng	#	88
88) Benzo(k)fluoranthene	14.67	252	19626	3.96	ng	#	81

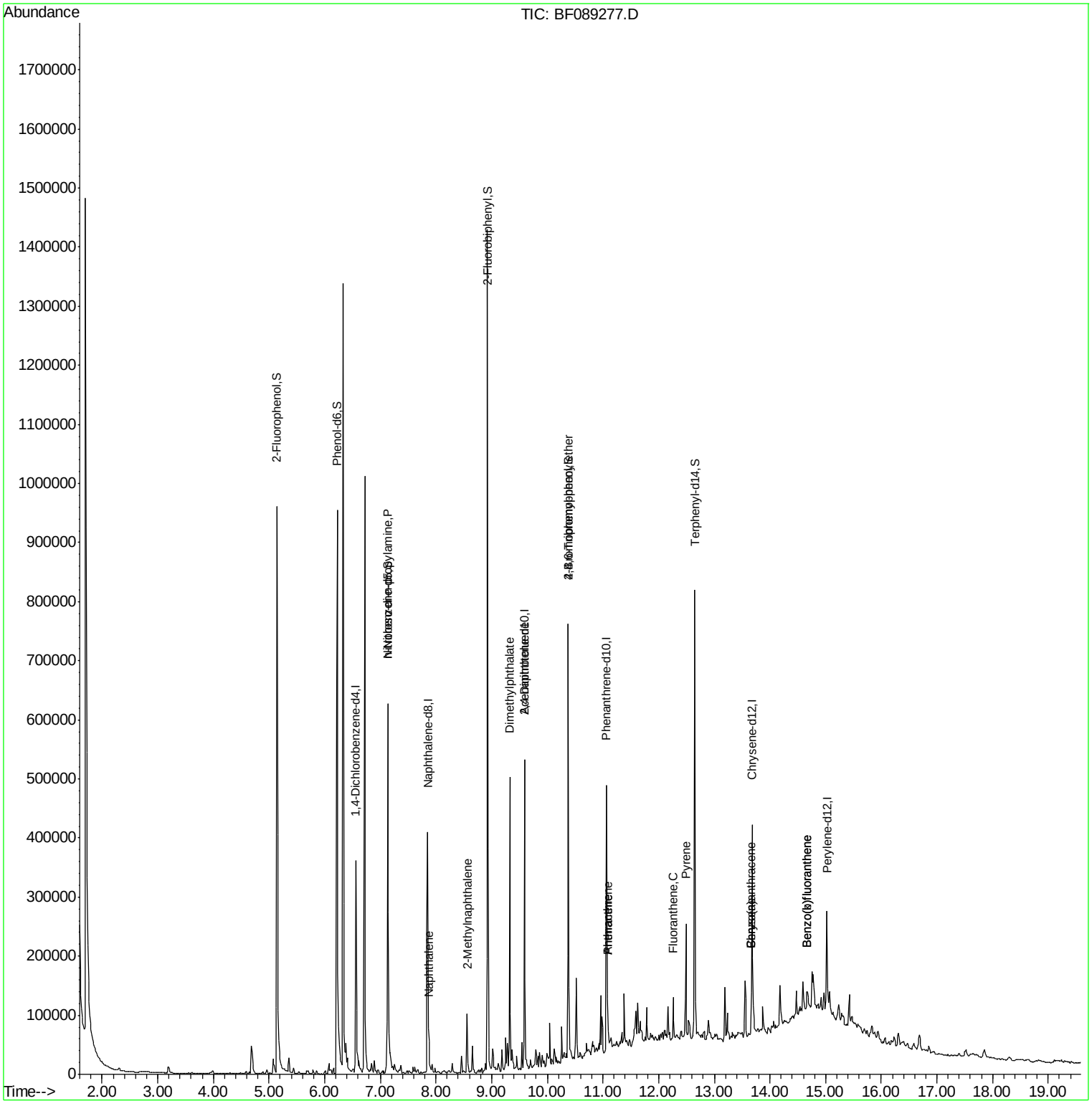
(#) = qualifier out of range (m) = manual integration (+) = signals summed

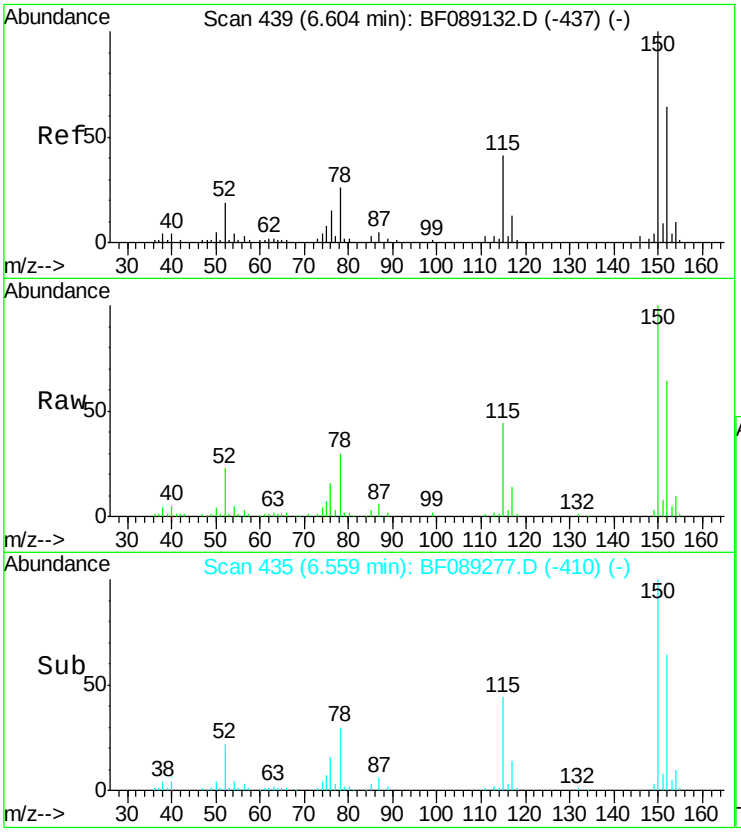
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
Data File : BF089277.D
Acq On : 25 Jul 2016 14:12
Operator : UM/SJ
Sample : H4129-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 25 17:17:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration



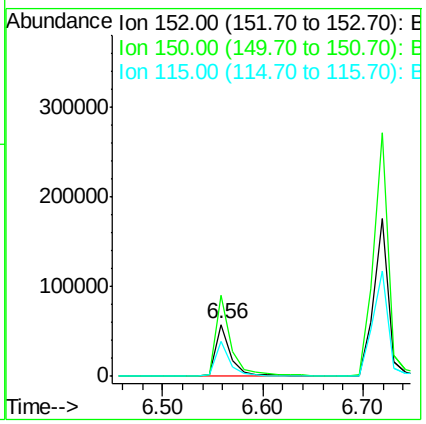


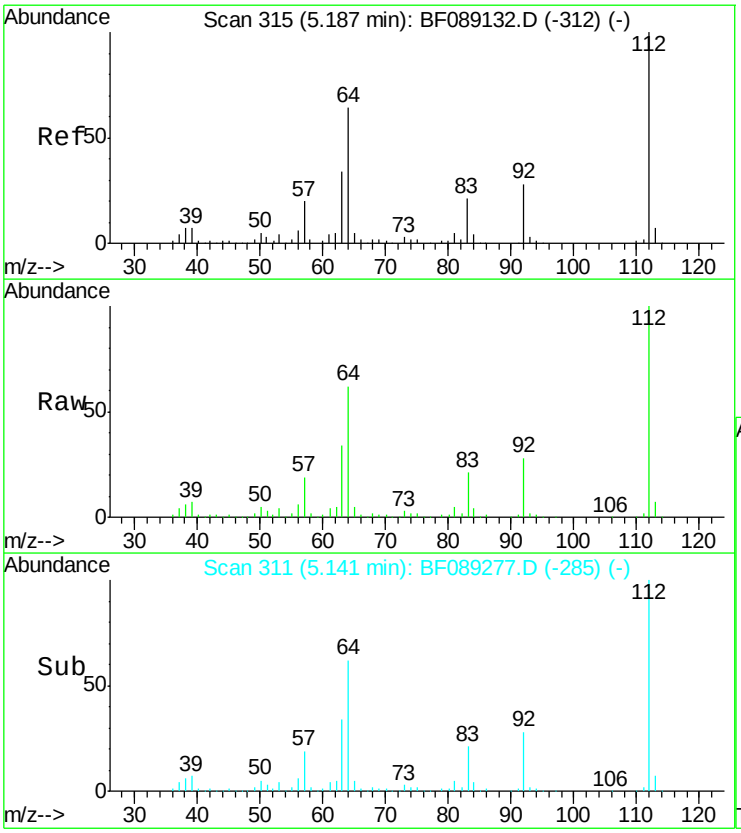
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:152 Resp: 63044

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.1	187.7
115	68.4	51.1	76.7

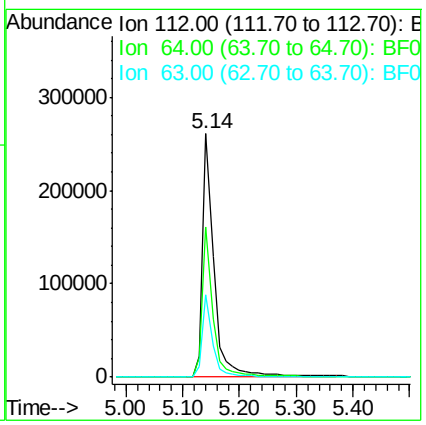


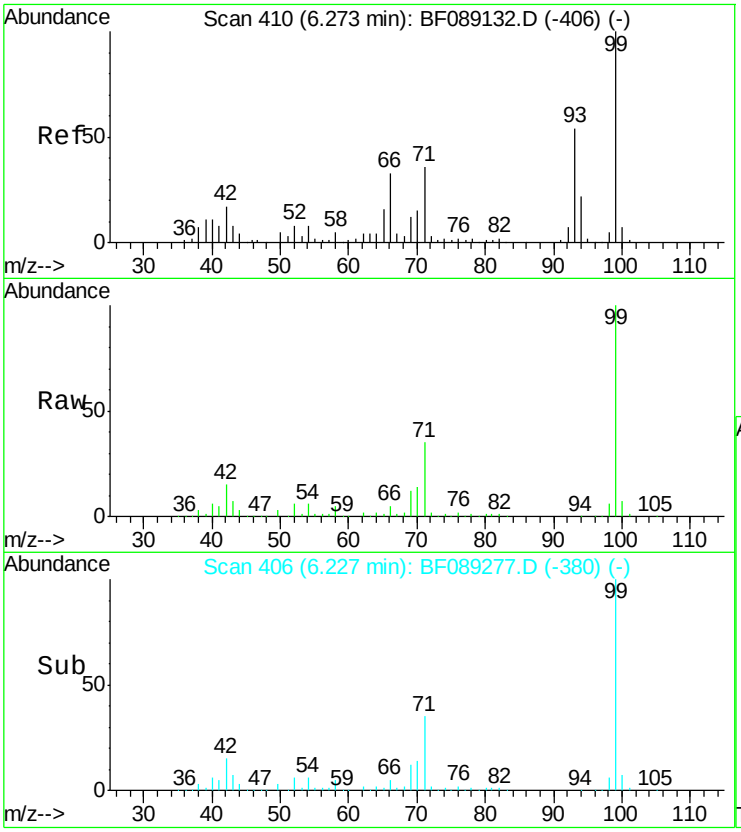


#5
2-Fluorophenol
Concen: 86.19 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:112 Resp: 357282

Ion	Ratio	Lower	Upper
112	100		
64	61.9	51.0	76.4
63	33.8	27.3	40.9



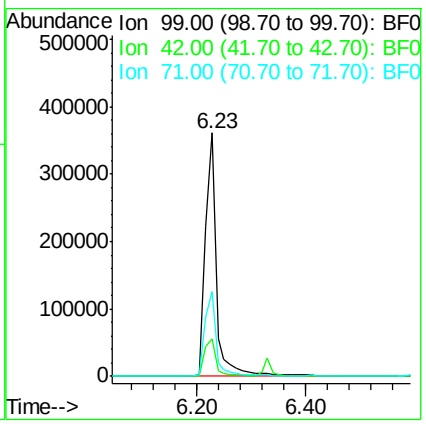


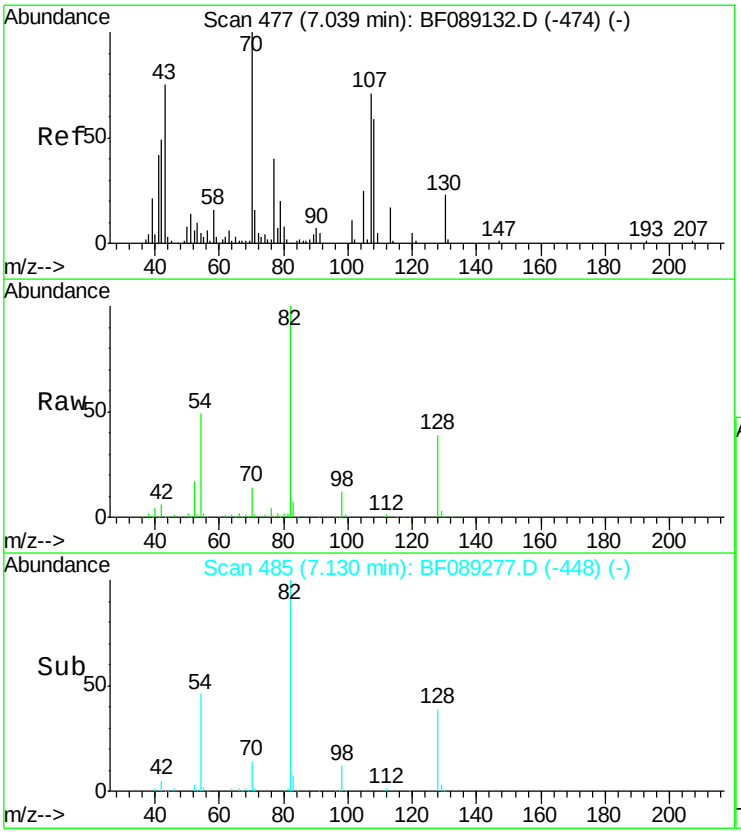
#7
Phenol-d6
Concen: 95.67 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion: 99 Resp: 511397

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	34.7	28.9	43.3

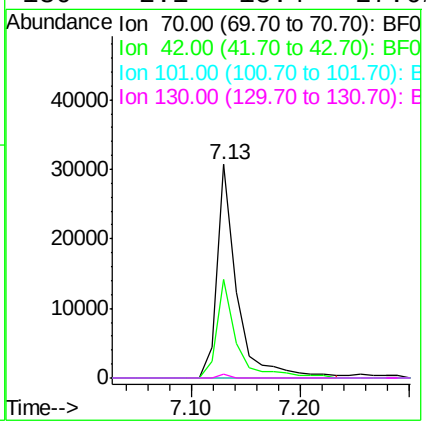


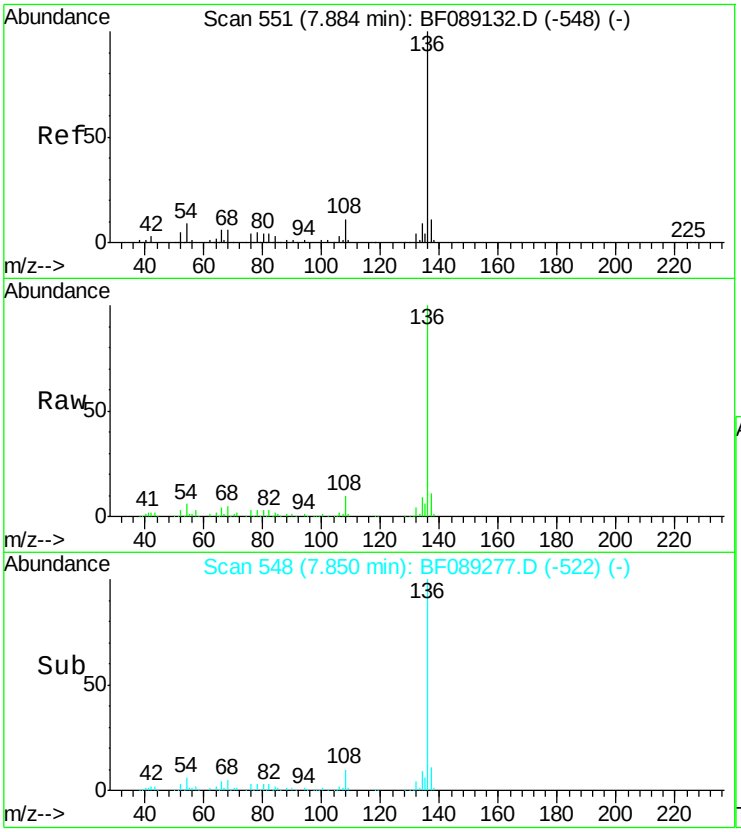


#19
n-Nitroso-di-n-propylamine
Concen: 11.30 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.13 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion: 70 Resp: 39496

Ion	Ratio	Lower	Upper
70	100		
42	46.0	39.2	58.8
101	0.0	8.5	12.7#
130	2.1	18.4	27.6#



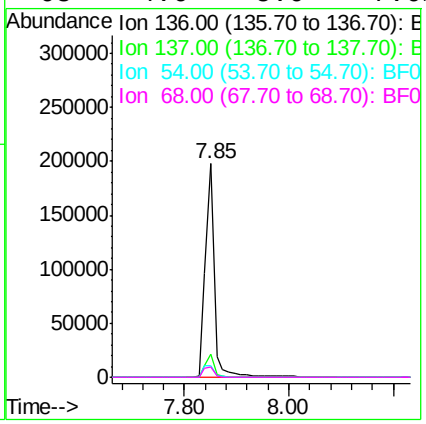


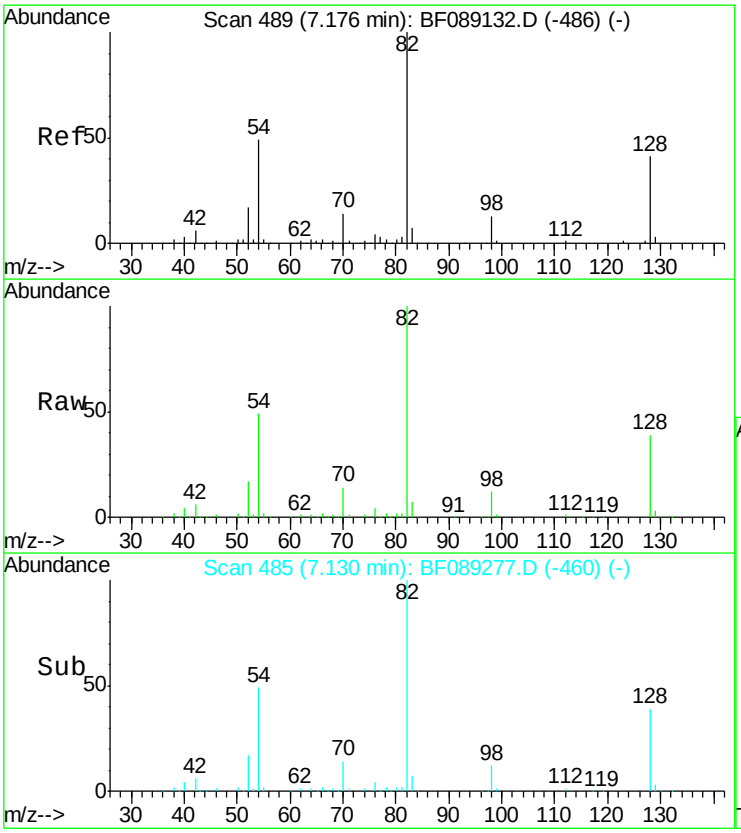
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:136 Resp: 237074

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	5.6	7.0	10.4#
68	4.6	5.0	7.6#

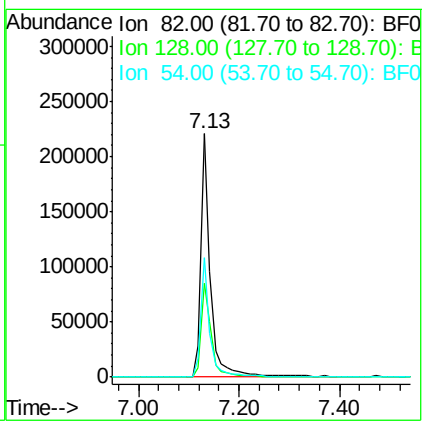


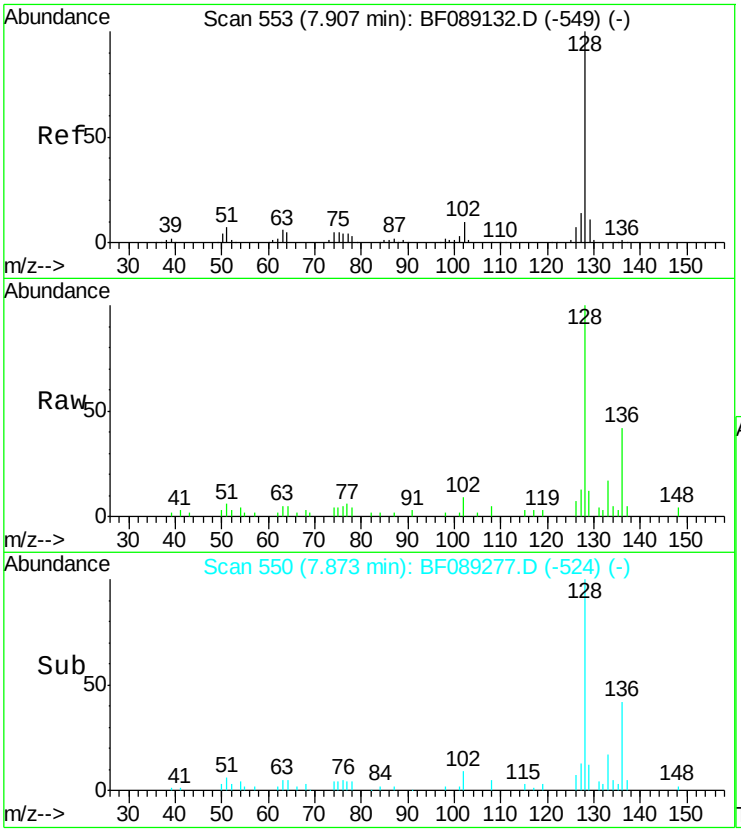


#23
Nitrobenzene-d5
Concen: 65.59 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion: 82 Resp: 292668

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.6
54	49.1	39.0	58.4



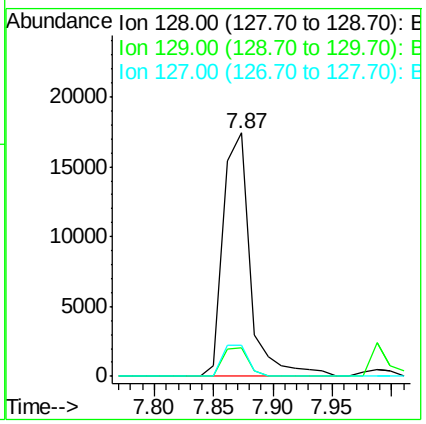


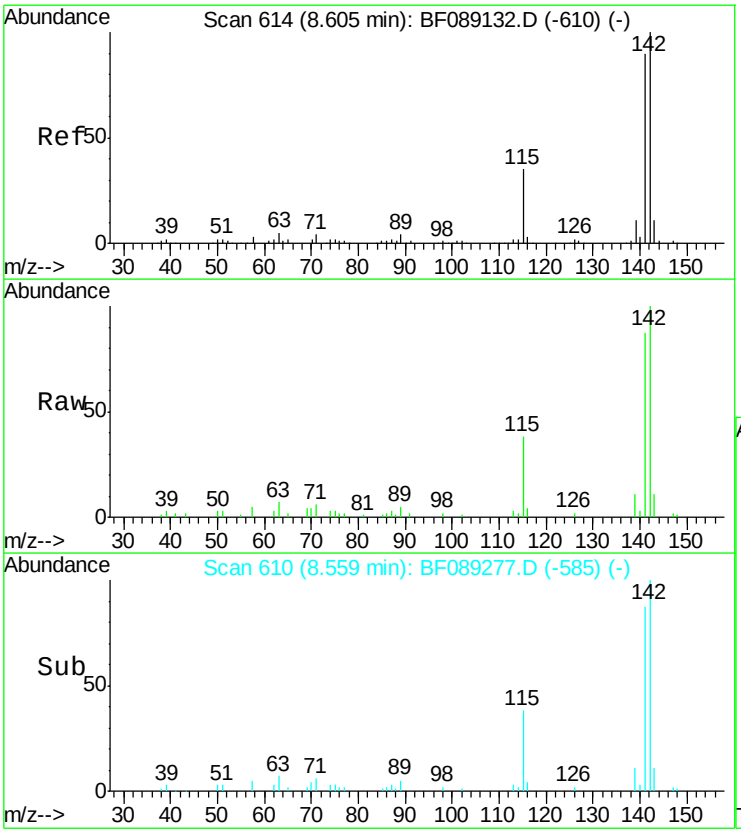
#31
Naphthalene
Concen: 2.15 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:128 Resp: 27546

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	12.8	10.8	16.2

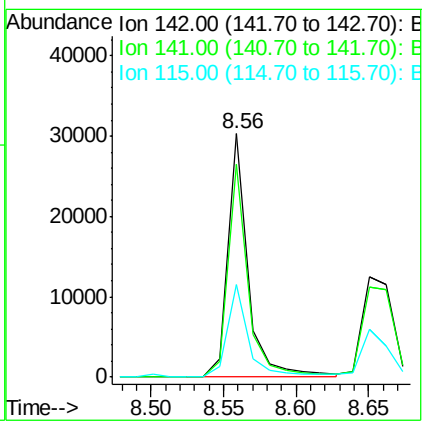


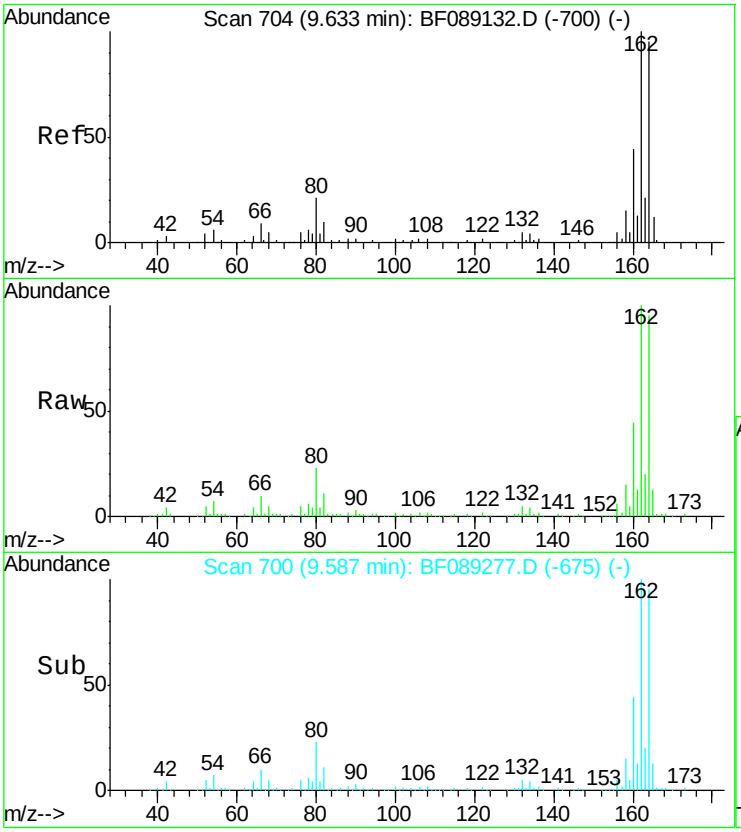


#37
2-Methylnaphthalene
Concen: 3.57 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:142 Resp: 29141

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4
115	37.8	27.6	41.4



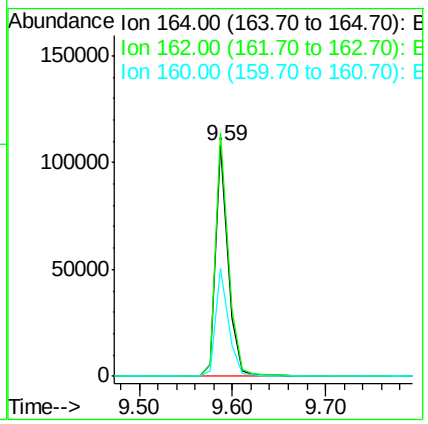


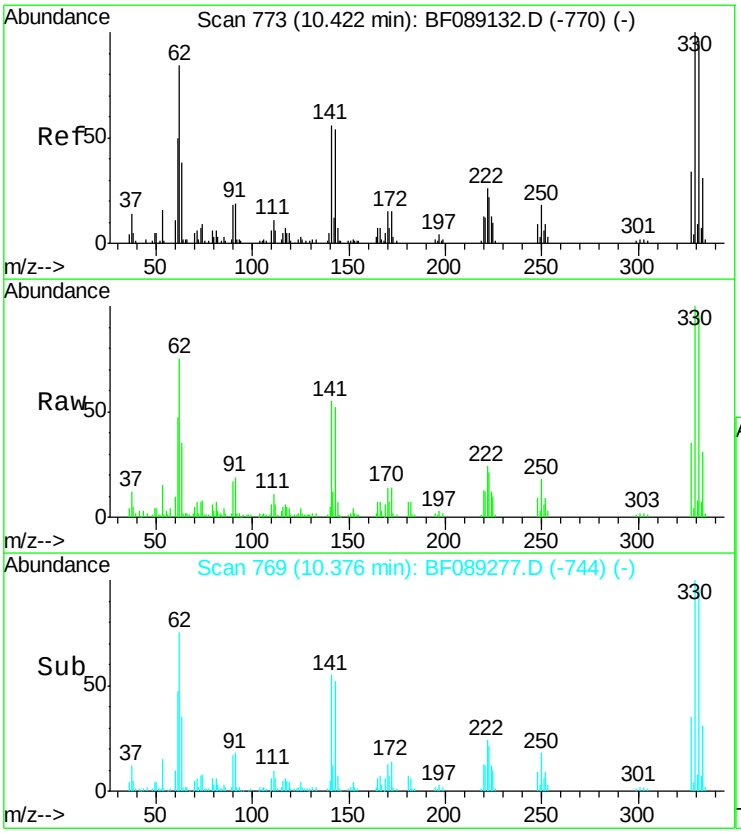
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:164 Resp: 100586

Ion	Ratio	Lower	Upper
164	100		
162	105.7	84.1	126.1
160	46.9	37.1	55.7

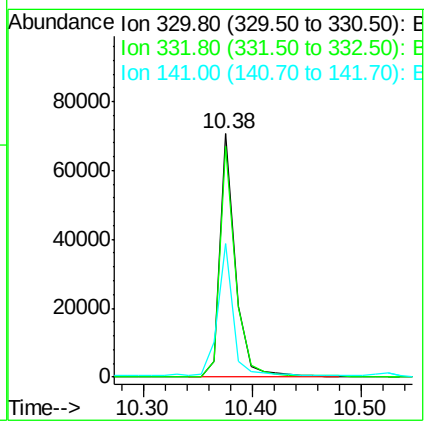


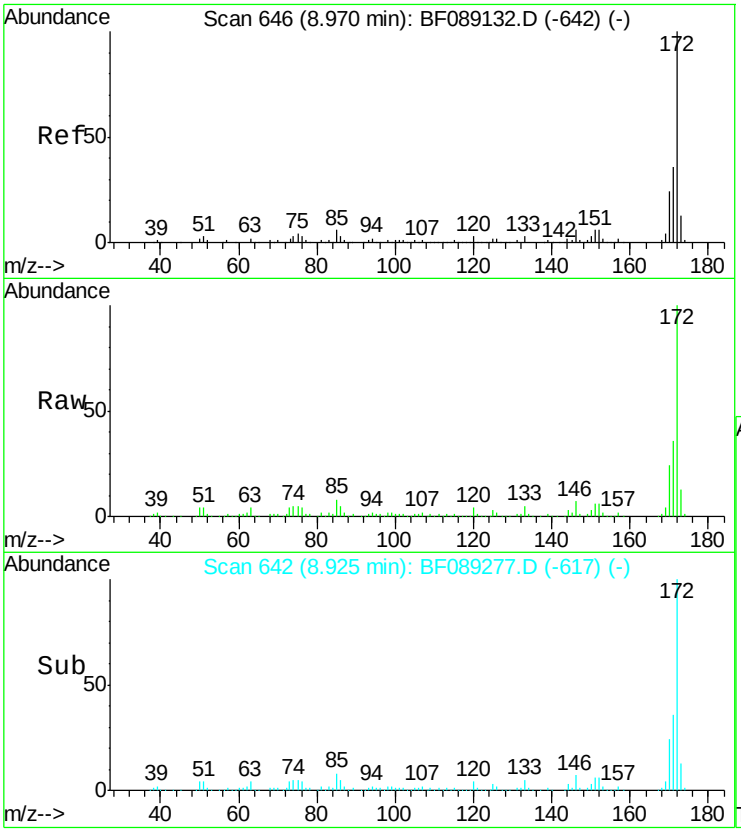


#41
2,4,6-Tribromophenol
Concen: 78.32 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:330 Resp: 70928

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	57.0	42.2	63.2



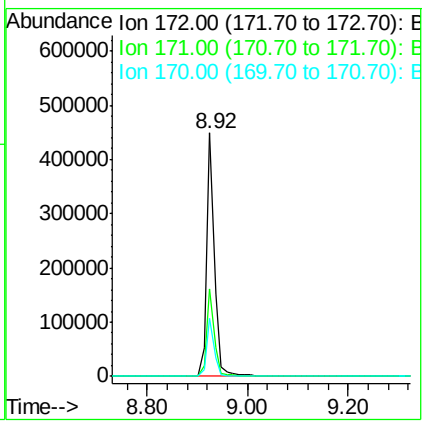


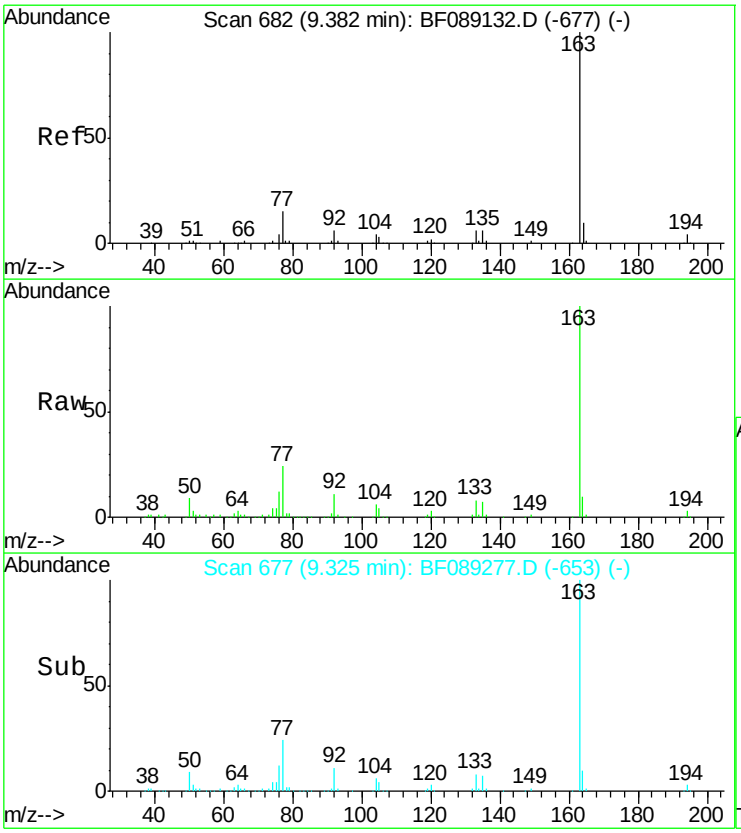
#44
2-Fluorobiphenyl
Concen: 66.49 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:172 Resp: 485375

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.6	19.1	28.7

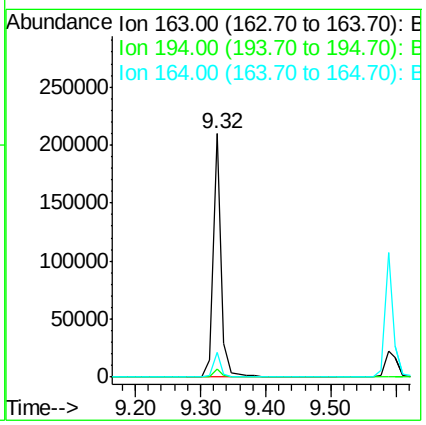


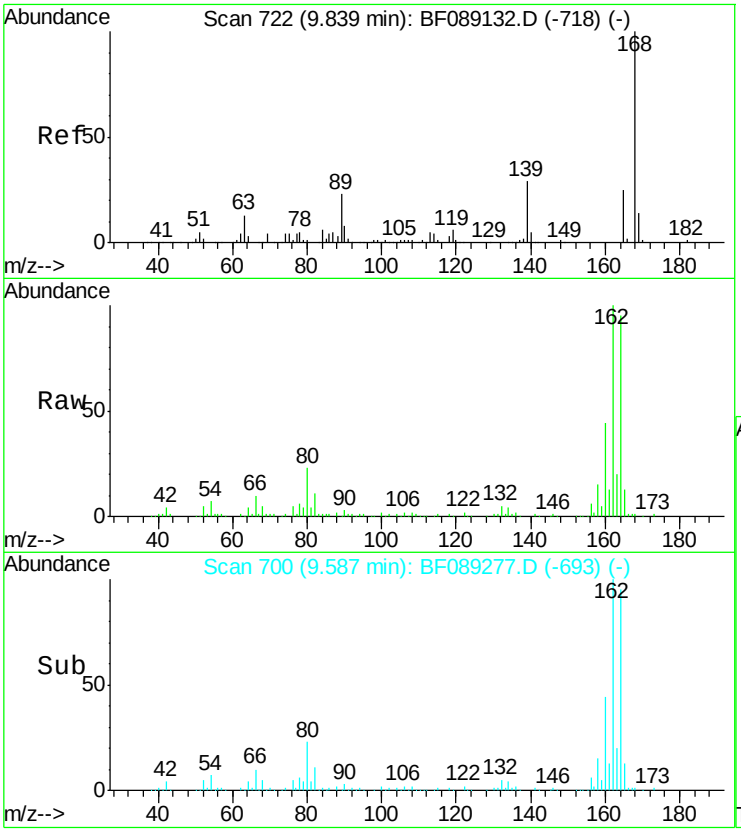


#49
Dimethylphthalate
Concen: 23.68 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:163 Resp: 182782

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.0	7.6	11.4



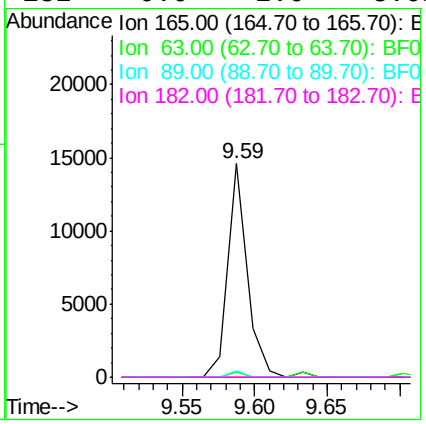


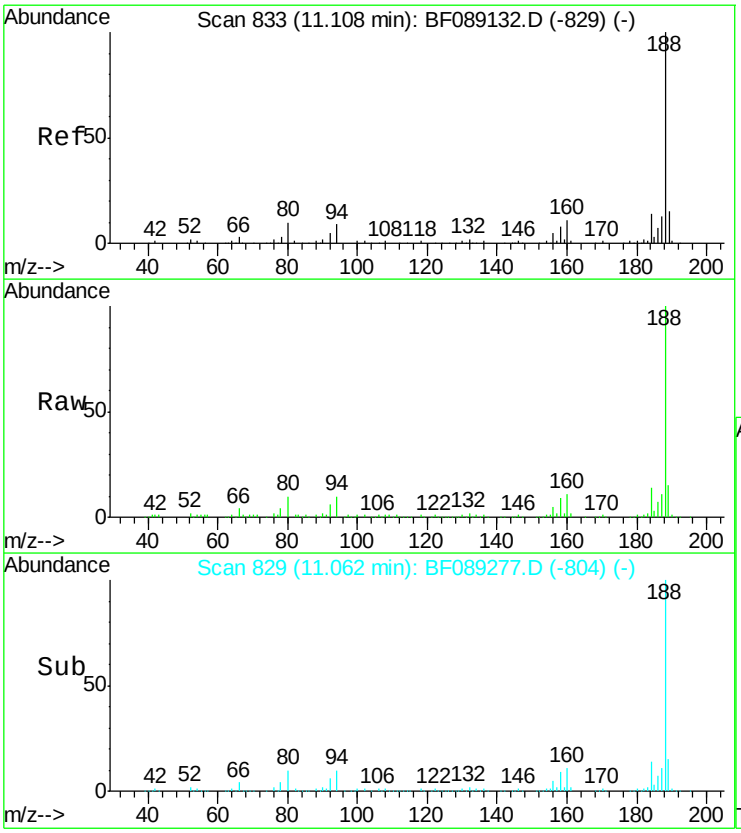
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:165 Resp: 13792

Ion	Ratio	Lower	Upper
165	100		
63	2.4	55.4	83.2#
89	2.7	74.3	111.5#
182	0.0	2.0	3.0#

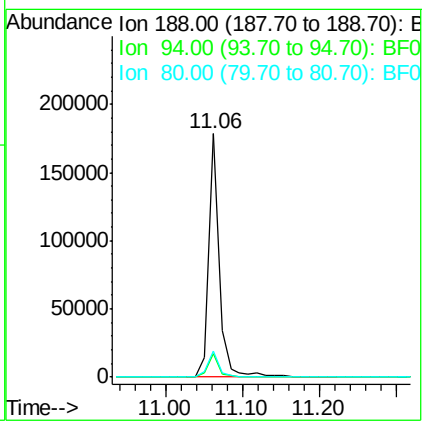


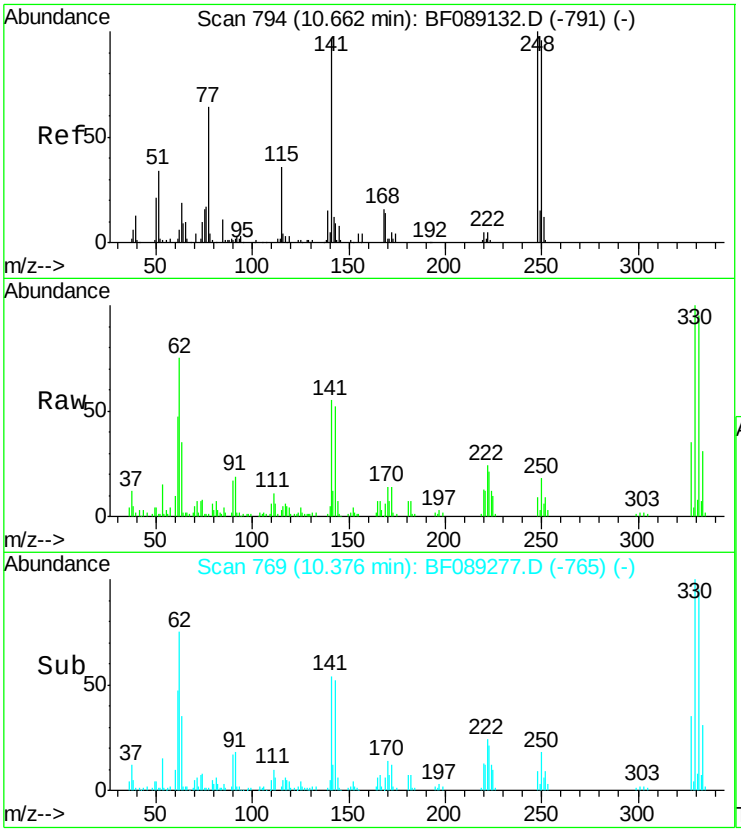


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:188 Resp: 169618

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.4	7.7	11.5



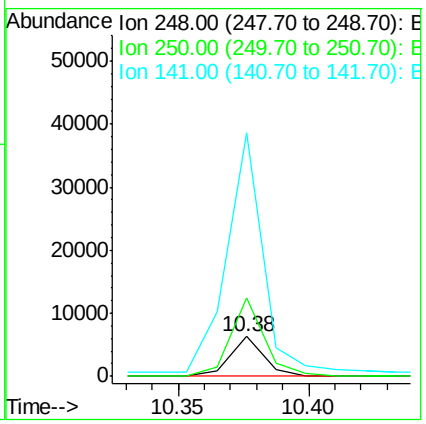


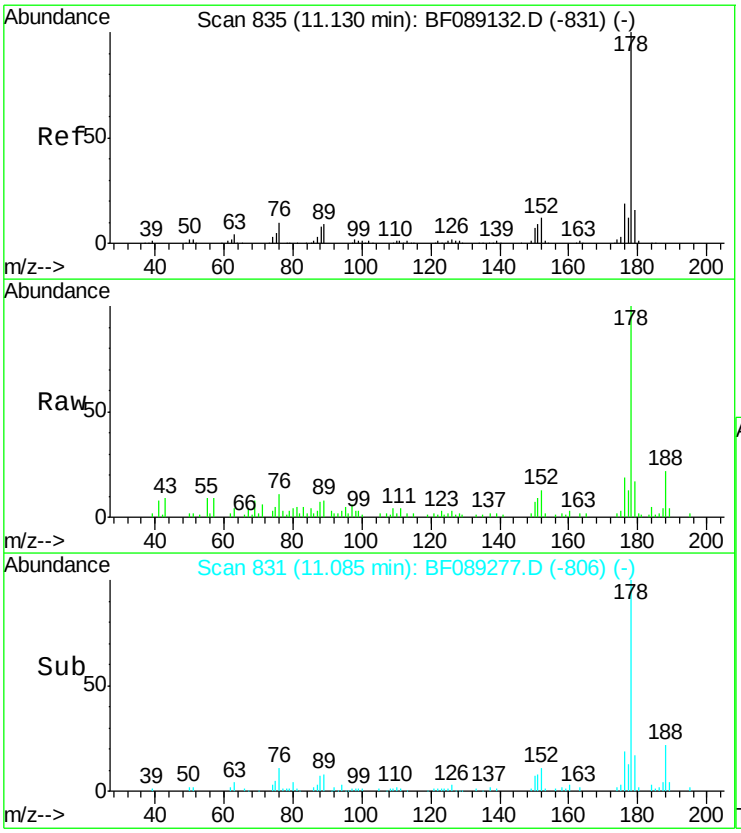
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:248 Resp: 5595

Ion	Ratio	Lower	Upper
248	100		
250	198.9	76.9	115.3#
141	616.6	77.4	116.2#

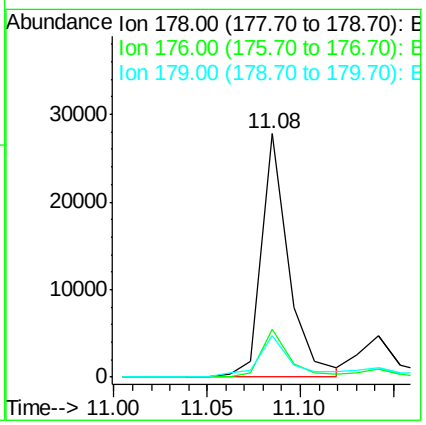


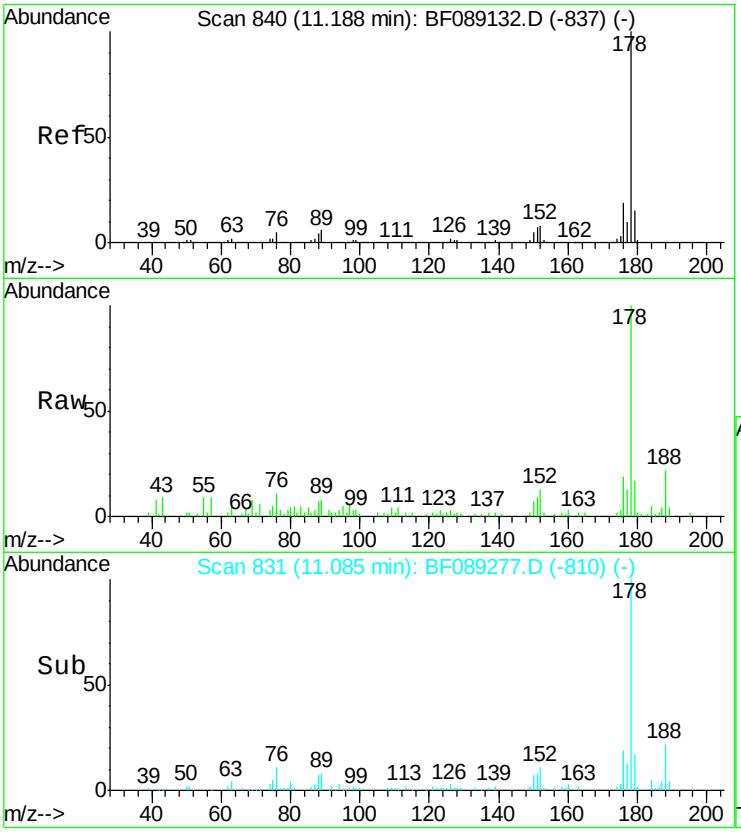


#70
Phenanthrene
Concen: 3.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:178 Resp: 27887

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.8	12.4	18.6



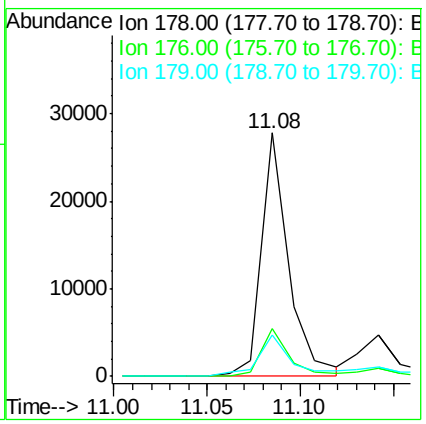


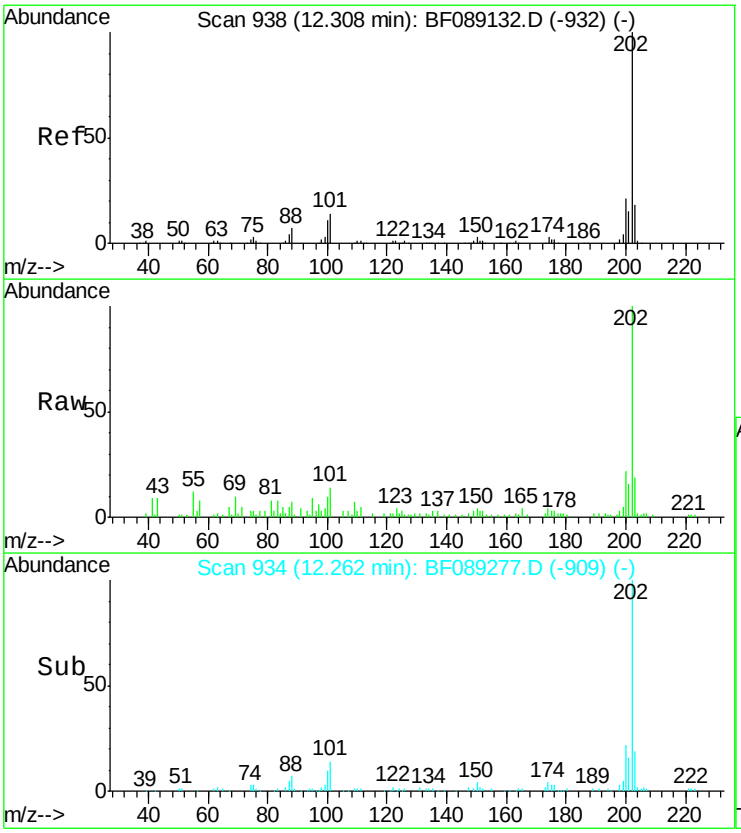
#71
Anthracene
Concen: 2.88 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:178 Resp: 27887

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.8	12.0	18.0

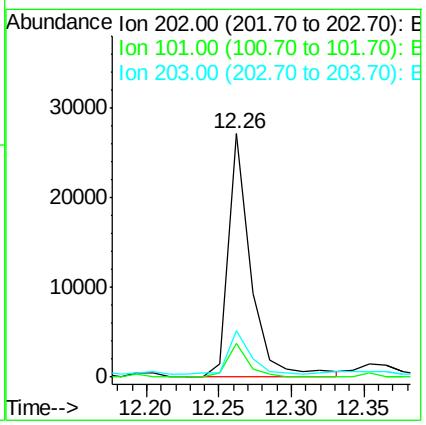


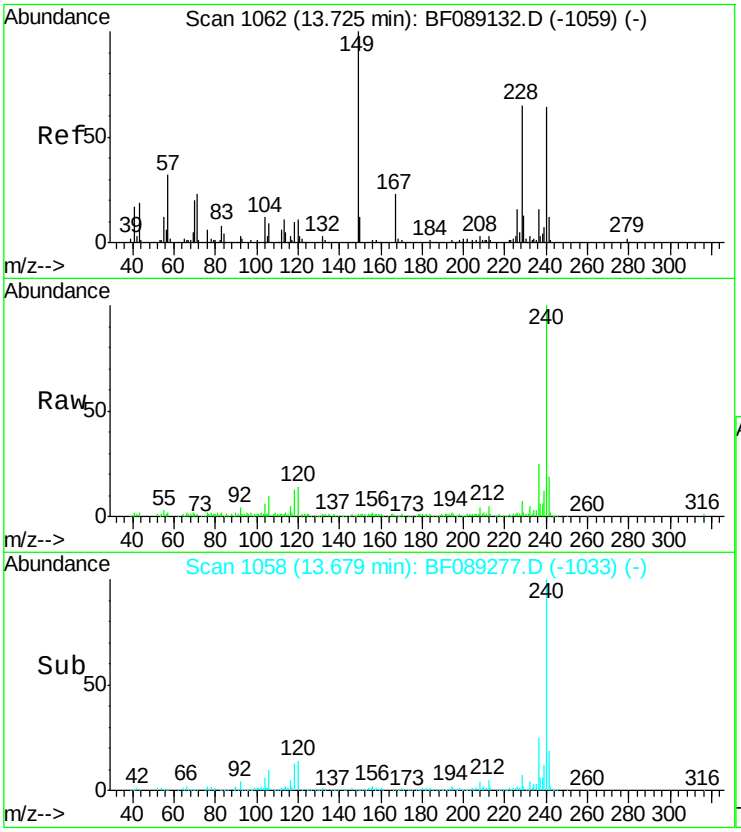


#74
Fluoranthene
Concen: 2.99 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:202 Resp: 29257

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.0
203	19.2	0.0	37.8



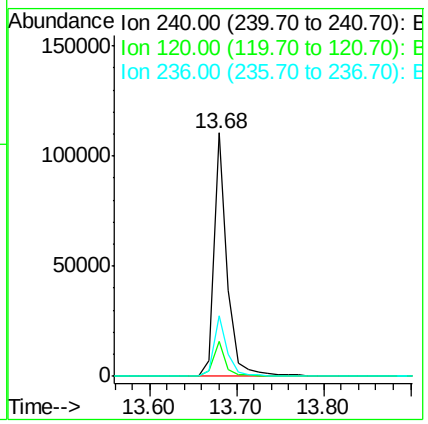


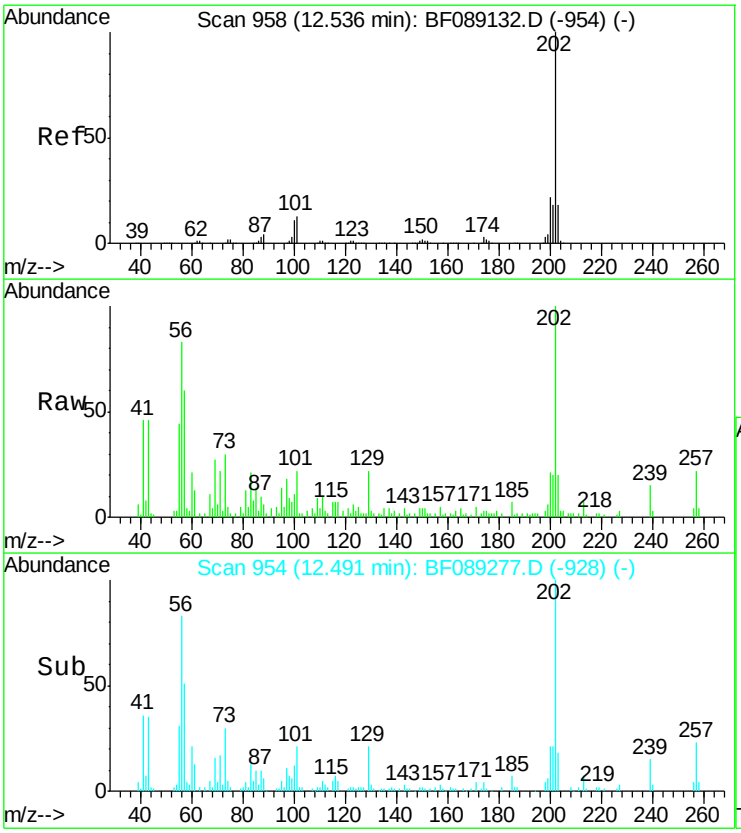
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:240 Resp: 118301

Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.6	20.4
236	25.1	20.5	30.7

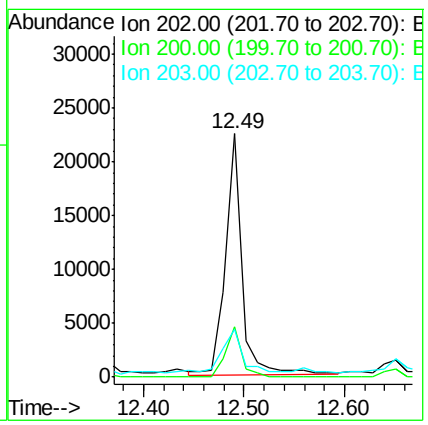


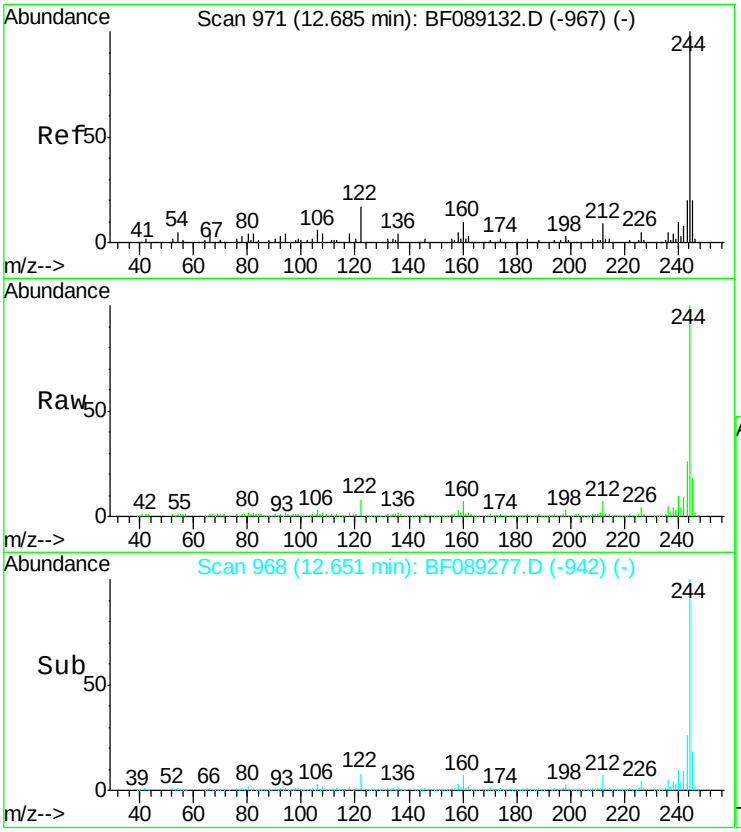


#77
Pyrene
Concen: 2.66 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:202 Resp: 25980

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.0
203	19.5	14.2	21.2



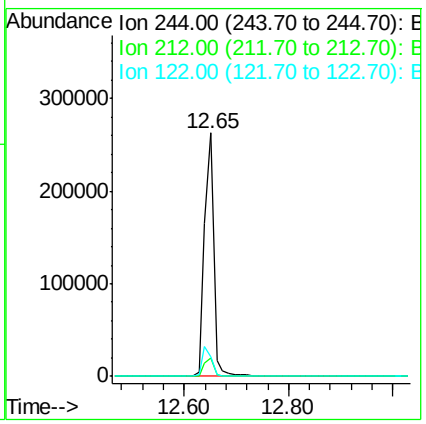


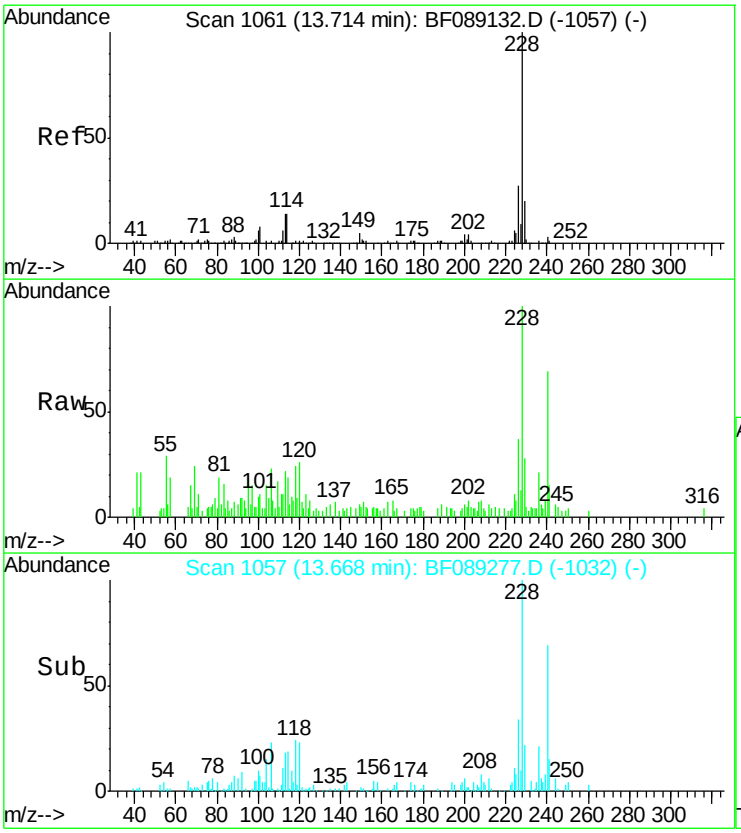
#78
Terphenyl-d14
Concen: 59.09 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:244 Resp: 322274

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.0	10.4
122	8.2	13.8	20.8#

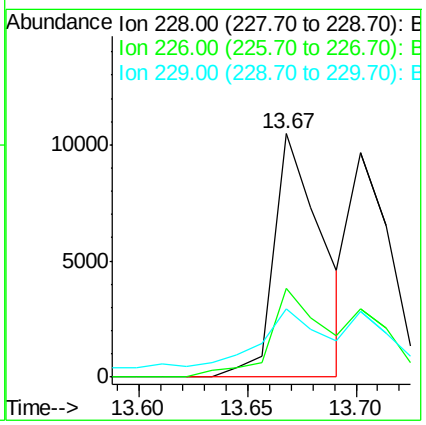


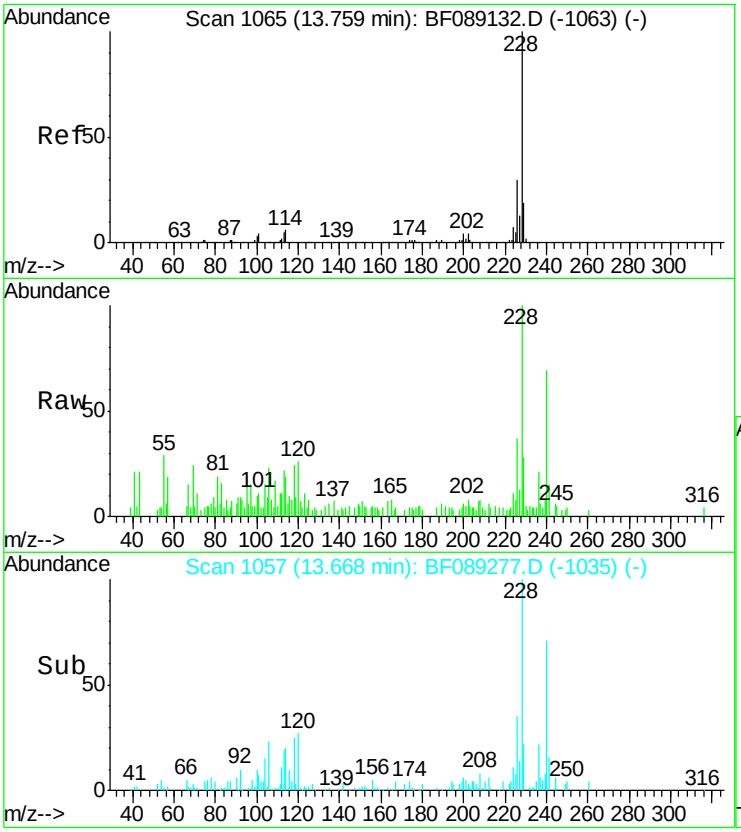


#80
Benzo(a)anthracene
Concen: 2.16 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:228 Resp: 16251

Ion	Ratio	Lower	Upper
228	100		
226	36.7	21.8	32.8#
229	28.0	15.8	23.8#



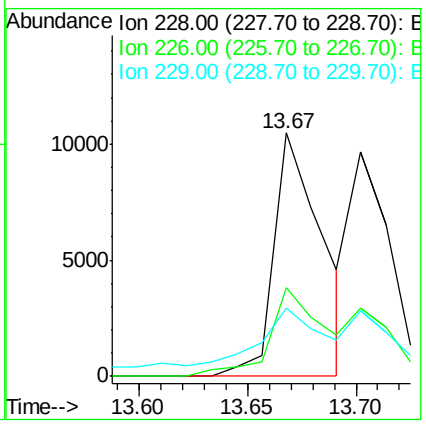


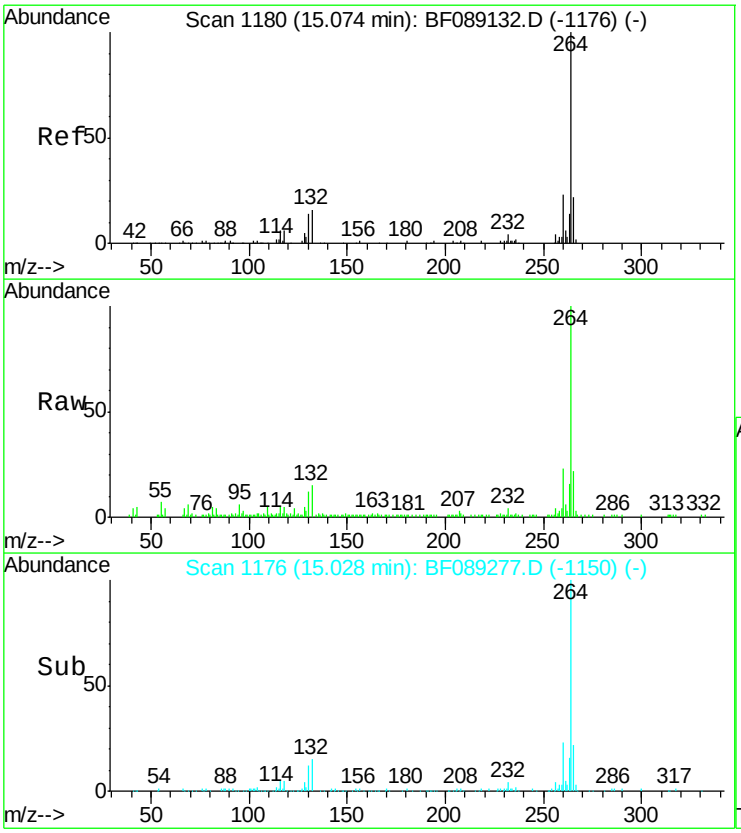
#82
Chrysene
Concen: 2.26 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:228 Resp: 16251

Ion	Ratio	Lower	Upper
228	100		
226	36.7	23.8	35.8#
229	28.0	15.4	23.0#

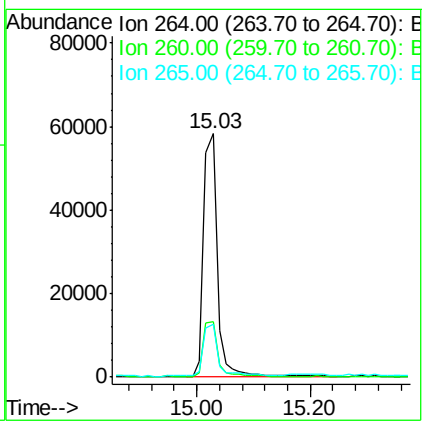


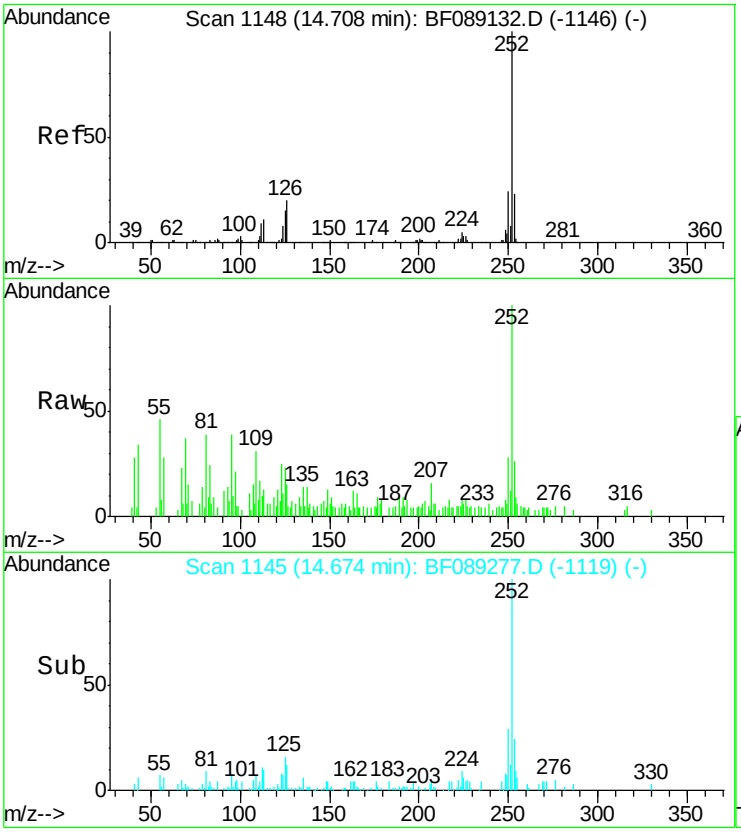


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:264 Resp: 95697

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.6	17.3	25.9



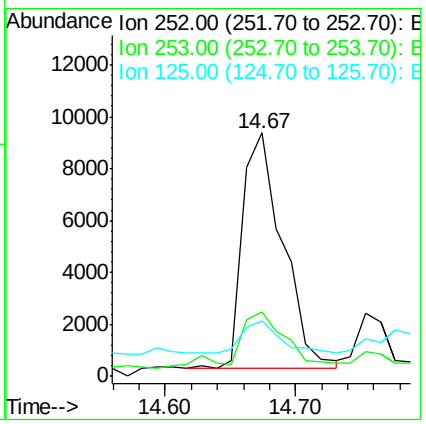


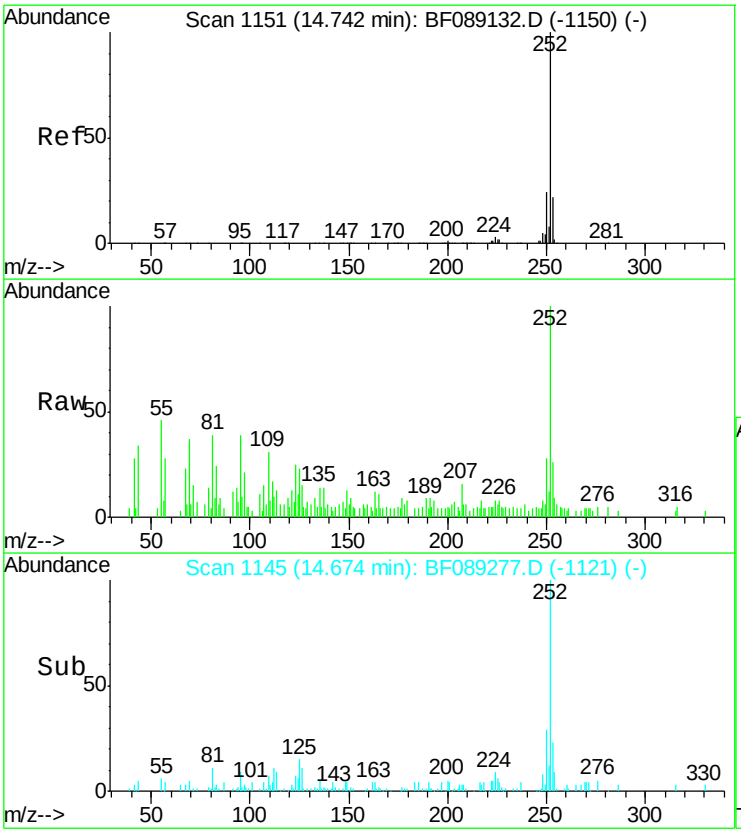
#87
Benzo(b)fluoranthene
Concen: 2.81 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

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

Tgt Ion:252 Resp: 19451

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.2	27.2
125	22.8	11.9	17.9#





#88
Benzo(k)fluoranthene
Concen: 3.96 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF089277.D
Acq: 25 Jul 2016 14:12

Tgt Ion:252 Resp: 19626

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	22.8	6.3	9.5#